

	ASL	
	ASL	
	ORA	\$61
	STA	\$61
	RTS	
L0854	LDA	#\$40
	JSR	L0875
	LDY	#\$C0
L085B	LDA	#\$0C
	JSR	L0875
	LDA	SPKR
	DEY	
	BNE	L085B
	RTS	
L0867	LDY	#\$08
L0869	LDA	#\$28
	JSR	L0875
	LDA	SPKR
	DEY	
	BNE	L0869
	RTS	
L0875	SEC	
L0876	PHA	
L0877	SBC	#\$01
	BNE	L0877
	PLA	
	SBC	#\$01
	BNE	L0876
	RTS	
L0881	JSR	L08B9
	JSR	INIT
	PHP	
	JSR	L08BD
	PLP	
	JSR	L08B9
	JSR	SETKBD
	PHP	
	JSR	L08BD
	PLP	
	JSR	L08B9
	JSR	SETVID
	PHP	
	JSR	L08BD
	PLP	
	RTS	
L08A3	JSR	L08B9
	JSR	HOME
	PHP	
	JSR	L08BD
	PLP	
	RTS	
	LDY	#\$27
	LDA	#\$A0
L08B3	STA	(\$61),Y
	DEY	
	BPL	L08B3
	RTS	
L08B9	BIT	RDR0M1
	RTS	
L08BD	LDX	L65B5
	JMP	L08CA
L08C3	LDX	#\$08
	JMP	L08CA
L08C8	LDX	#\$00
L08CA	STX	L65B5
	PHA	
	LDA	SC083,X
	LDA	SC083,X
	PLA	
	RTS	
	JSR	L08B9
	JMP	(RESETV)
L08DC	JSR	L0854
	RTS	
L08E0	JSR	L0867

```

RTS
L08E4 CLC
RTS
L08E6 LDX #\$13
LDA #\$00
L08EA STA L65B5,X
DEX
BNE L08EA
L08F0 JSR L08A3
LDX #\$00
STX L65B6
STX L65B7
CLC
RTS
L08FD STX \$63
STY \$64
LDY #\$05
L0903 LDA (\$63),Y
STA L65B8,Y
DEY
BPL L0903
LDA L65B9
CMP L65BD
BCC L0919
JSR L091D
JMP L091C
L0919 JSR L093B
L091C RTS
L091D LDA L65BB
CLC
ADC L65B9
SBC #\$00
STA L65BE
LDY L65B9
L092C CPY L65BE
BCC L0933
BNE L093A
L0933 JSR L0950
INY
JMP L092C
L093A RTS
L093B LDA L65B9
CLC
ADC L65BB
TAY
DEY
L0944 CPY L65B9
BCC L094F
JSR L0950
DEY
BPL L0944
L094F RTS
L0950 STY L65BF
LDA L65BD
SEC
SBC L65B9
CLC
ADC L65BF
STA L65C0
TAY
LDX L65BC
JSR L09A7
STX \$65
STY \$66
LDY L65BF
LDX L65B8
JSR L09A7
STX \$63
STY \$64
LDA L65B8
CMP L65BC
BCC L0987
JSR L099A
JMP L098A
L0987 JSR L098E
L098A LDY L65BF
RTS
L098E LDY L65BA
DEY

```

L0992	LDA (\$63),Y STA (\$65),Y DEY BPL L0992 RTS
L099A L099C	LDY #\$00 LDA (\$63),Y STA (\$65),Y INY CPY L65BA BCC L099C RTS
L09A7	STX L65C1+1 TYA PHA LSR AND #\$03 ORA #\$04 TAY PLA AND #\$18 BCC L09B9 ADC #\$7F
L09B9	STA L65C1 ASL ASL ORA L65C1 CLC ADC L65C1+1 TAX BCC L09C9 INY RTS
L09C9	RTS
L09CA	LDX L65B6 LDY L65B7 JSR L09A7 STX \$63 STY \$64 LDY #\$00 RTS
L09DA	TYA PHA TXA PHA JSR L09F5 PLA STA L65B6 PLA STA L65B7 JSR L0A0D RTS
L09ED	LDX L65B6 LDY L65B7 CLC RTS
L09F5	BIT L65C1+2 CLC BMI L09FC RTS
L09FC	LSR L65C1+2 JSR L09CA LDA L65C7 STA (\$63),Y CLC RTS
L0A09 L0A0D	SEC ROR L65C1+2 BIT L65C1+2 CLC BMI L0A14 RTS
L0A14	JSR L09CA LDA (\$63),Y STA L65C7 AND #\$3F ORA #\$40 STA (\$63),Y CLC RTS

	STA	L65C4
	TAX	
	BNE	L0A2B
	RTS	
L0A2B	JSR	L0A34
	DEC	L65C4
	BNE	L0A2B
	RTS	
L0A34	LDX	L65B6
	LDY	L65B7
	INX	
	CPX	#\$27
	BCC	L0A4A
	BEQ	L0A4A
	LDX	#\$00
	INY	
	CPY	#\$18
	BCC	L0A4A
	LDY	#\$00
L0A4A	JSR	L09DA
	RTS	
	PHA	
	CMP	#\$60
	BCC	L0A55
	AND	#\$5F
L0A55	AND	#\$3F
	JSR	L0A6A
	PLA	
	RTS	
L0A5C	PHA	
	CMP	#\$60
	BCC	L0A63
	AND	#\$5F
L0A63	ORA	#\$80
	JSR	L0A6A
	PLA	
	RTS	
L0A6A	PHA	
	JSR	L09CA
	PLA	
	PHA	
	STA	(\$63),Y
	JSR	L0A34
	PLA	
	CLC	
	RTS	
L0A78	PHA	
	CMP	#\$60
	BCC	L0A7F
	AND	#\$5F
L0A7F	AND	#\$3F
	PHA	
	JSR	L09DA
	PLA	
	JSR	L0A6A
	PLA	
	RTS	
L0A8B	PHA	
	AND	#\$3F
	ORA	#\$40
	PHA	
	JSR	L09DA
	PLA	
	JSR	L0A6A
	PLA	
	RTS	
L0A9A	PHA	
	JSR	L09DA
	PLA	
	JSR	L0A5C
	RTS	
	JSR	L09DA
	PLA	
	CLC	
	ADC	#\$01
	STA	\$65
	PLA	
	ADC	#\$00

```

L0AB1  STA  $66
       LDY  #$00
       LDA  ($65),Y
       INC  $65
       BNE  L0ABB
L0ABB  INC  $66
       CMP  #$80
       BEQ  L0AC5
       JSR  L0A5C
       JMP  L0AB1
L0AC5  JMP  ($0065)

L0AC8  SEC
       ROR  L65C7+1
       JSR  L0AD3
       RTS

L0AD0  LSR  L65C7+1
L0AD3  STX  $65
       STY  $66
       TAY
       CLC
       BNE  L0ADC
       RTS

L0ADC  CMP  #$FF
       CLC
       BNE  L0AE2
       RTS

L0AE2  STA  L65C4+1
       JSR  L09CA
L0AE8  LDA  ($65),Y
       BIT  L65C7+1
       BMI  L0AFA
       CMP  #$60
       BCC  L0AF5
       AND  #$5F
L0AF5  ORA  #$80
       JMP  L0B02

L0AFA  CMP  #$60
       BCC  L0B00
       AND  #$5F
L0B00  AND  #$3F
L0B02  STA  ($63),Y
       INY
       CPY  L65C4+1
       BCC  L0AE8
       LDA  L65B6
       CLC
       ADC  L65C4+1
       STA  L65B6
       BCC  L0B19
       INC  L65B7
L0B19  CLC
       RTS

L0B1B  TAY
       TXA
       CMP  #$60
       BCC  L0B23
       AND  #$5F
L0B23  AND  #$3F
       JSR  L0B33
       RTS

L0B29  TAY
       TXA
       CMP  #$60
       BCC  L0B31
       AND  #$5F
L0B31  ORA  #$80
L0B33  TAX
       TYA
       CLC
       BNE  L0B39
       RTS

L0B39  CMP  #$FF
       CLC
       BNE  L0B3F
       RTS

L0B3F  STA  L65C4+1
       TXA
       PHA
       JSR  L09CA

```

	PLA	
	LDY	#\$00
L0B4A	STA	(\$63),Y
	INY	
	CPY	L65C4+1
	BCC	L0B4A
	CLC	
	RTS	
L0B54	JSR	L09DA
L0B57	LDA	L65B7
	PHA	
	LDA	L65B6
	PHA	
	LDA	#\$27
	SEC	
	SBC	L65B6
	BCS	L0B71
	PLA	
	STA	L65B6
	PLA	
	STA	L65B7
	CLC	
	RTS	
L0B71	STA	L65C4+1
	LDA	#\$00
	STA	L65C4+2
L0B79	LDA	#\$20
	JSR	L0A5C
	INC	L65C4+2
	LDY	L65C4+2
	CPY	L65C4+1
	BCC	L0B79
	BEQ	L0B79
	PLA	
	STA	L65B6
	PLA	
	STA	L65B7
	CLC	
	RTS	
	SEC	
	RTS	
L0B97	LSR	L65F4
	LSR	L65F5
	LDA	#\$00
	STA	L6F28
	LDX	#\$C3
	LDY	#\$0C
	JMP	L0C32
L0BA9	SEC	
	ROR	L65F5
	LDX	#\$14
	LDY	#\$0C
	JMP	L0C29
	JSR	L2A87
	JSR	L3B66
	STA	L65F2
	SEC	
	ROR	L65F4
	LSR	L65F5
	LDA	L6E2D
	BNE	L0BCC
	JMP	L0C46
L0BCC	LDA	#\$00
	STA	L6F28
	JSR	L0CBC
	LDA	L65F2
	BMI	L0BE2
	LDA	#\$07
	SEC	
	ROR	L65F5
	JMP	L0BED
L0BE2	CMP	#\$80
	BNE	L0BEB
	LDA	#\$06
	JMP	L0BED
L0BEB	LDA	#\$05
L0BED	JSR	L4EB8
	LDA	L65F2
	BMI	L0BFC

```

LDX  #$14
LDY  #$0C
JMP  L0C0B

L0BF8  CMP  #$80
      BNE  L0C07
      LDX  #$8D
      LDY  #$32
      JMP  L0C0B

L0C07  LDX  #$86
      LDY  #$32
L0C0B  JSR  L0C32
      PHP
      JSR  L2A87
      PLP
      RTS

      LDY  L6F28
      BEQ  L0C23
L0C19  LDA  L6EAA, Y
      CMP  #$20
      BNE  L0C23
      DEY
L0C23  BNE  L0C19
      STY  L6F28
      JMP  L2B90

L0C29  LDA  #$00
      STA  L6F28
      SEC
      ROR  L65F4
L0C32  STX  L65F6
      STY  L65F7
      LDA  #$FF
      STA  L6F2B
      JSR  L0C62
      BCC  L0C43
      RTS
L0C43  JMP  L0C52

L0C46  JSR  L0C4A
      RTS

L0C4A  JSR  L0C52
      JSR  L2A87
      CLC
      RTS

L0C52  LDA  #$FF
      STA  L6F28
      JSR  L0F7C
      JSR  L4EA0
      JSR  L4EB2
      CLC
      RTS

L0C62  BIT  L68F1
      BPL  L0C6C
      JSR  L0C4A
      SEC
      RTS

L0C6C  JSR  L0C91
      BCC  L0C62
      JSR  L0D6A
      BCC  L0C90
      JSR  L0DA9
      LDA  #$00
      STA  L6E2D
      LDA  L6F2A
      BEQ  L0C8D
L0C83  DEC  L6F2A
      BEQ  L0C8D
      JSR  L0D48
      BCC  L0C83
L0C8D  JMP  L0C62
L0C90  RTS

L0C91  LDA  #$08
      JSR  L4EA2
      JSR  L4EB2
      JSR  L63B9
      DB  $1B
      DB  $C9
      DB  $0C
      DB  $FD
      DB  $0D

```



```

DB    $BB
DB    $5D
DB    $80
DB    $A9
DB    $0C
DB    $FF
JMP   L0CD9

      JSR   L63B9
DB    $08
DB    $0E
DB    $0D
DB    $15
DB    $3D
DB    $0D
DB    $FF
JSR   L0E57
JSR   L08DC
CLC
RTS

L0CBC JSR   L0D19
      BCC  L0CBC
      CLC
      RTS

L0CC3 JSR   L0D48
      BCC  L0CC3
      CLC
      RTS

      LDA  L6E2D
      BNE  L0CD4
      JSR  L08E0
      CLC
      RTS

L0CD4 JSR   L2AD1
      CLC
      RTS

L0CD9 LDA  L68E9
      BIT  L65F5
      BPL  L0CE4
      LDA  L68EA
L0CE4 JSR   L0E57
      CMP  #$20
      BCC  L0CF2
      CMP  #$7F
      BCS  L0CF2
      JMP  L0CF7

L0CF2 JSR   L08DC
      CLC
      RTS

L0CF7 PHA
      LDA  L6E2D
      CLC
      ADC  L6F28
      CMP  #$7D
      BCC  L0D09
      JSR  L08E0
      PLA
      CLC
      RTS

L0D09 PLA
      JSR  L2A56
      CLC
      RTS

      JSR  L0D19
      BCC  L0D17
      JSR  L08E0
L0D17 CLC
      RTS

L0D19 LDY  L6E2D
      BNE  L0D20
      SEC
      RTS

L0D20 LDA  L6E2D,Y
      PHA
      JSR  L2AD1
      LDY  L6F28
      BEQ  L0D35

```

L0D2C	LDA	L6EAA, Y
	STA	L6EAB, Y
	DEY	
	BNE	L0D2C
L0D35	PLA	
	STA	L6EAB
	INC	L6F28
	CLC	
	RTS	
	JSR	L0D48
	BCC	L0D46
L0D46	JSR	L08E0
	CLC	
	RTS	
L0D48	LDA	L6F28
	BNE	L0D4F
	SEC	
	RTS	
L0D4F	LDA	L6EAB
	JSR	L2A56
	LDY	#\$01
L0D57	LDA	L6EAB, Y
	STA	L6EAA, Y
	INY	
	CPY	L6F28
	BCC	L0D57
	BEQ	L0D57
	DEC	L6F28
	CLC	
	RTS	
L0D6A	BIT	L65F4
	BPL	L0D72
	JSR	L0E57
L0D72	JSR	L0CBC
	JSR	L0F6E
	LSR	L65F3
	JSR	L0D86
	CLC	
	BIT	L65F3
	BPL	L0D85
	SEC	
L0D85	RTS	
L0D86	JMP	(L65F6)
L0D89	LDA	#\$00
	LDX	#\$16
L0D8D	STA	L68E8, X
	DEX	
	BNE	L0D8D
	LDA	#\$FF
	STA	L6F28
	JMP	L0DAF
L0D9B	BIT	L68F1
	BPL	L0DA1
	RTS	
L0DA1	JSR	L0DA9
	SEC	
	ROR	L68F1
	RTS	
L0DA9	JSR	L0854
	LSR	L68F1
L0DAF	JSR	L0F7C
	LSR	L6E0D
	LSR	L68FB
	BIT	L68F2
	BPL	L0DD5
	LSR	L68F2
	JSR	L08B9
	JSR	L15DA
	PHP	
	JSR	L08BD
	PLP	
	BCC	L0DD5
	LDX	L6E11
	BNE	L0DD5
	STA	L6E11
L0DD5	JSR	L0DE4
	JSR	L0E0C
	LDA	L68EF
	CMP	L68F0
	BNE	L0DD5

```

RTS
L0DE4  LDY  #$00
        STY  L68EF
        STY  L68F0
        LSR  L68EE
        RTS
L0DF0  BIT   L68F1
        BPL  L0DFD
        BIT  L68F2
        BPL  L0DFD
        JSR  L0DAF
L0DFD  LSR  L68F1
        RTS
L0E01  STX  L68FC
        STY  L68FD
        SEC
        ROR  L68FB
        RTS
L0E0C  PHP
        BIT  KBD
        BMI  L0E14
        PLP
        RTS
L0E14  PHA
        TXA
        PHA
        TYA
        PHA
        LDA  KBD
        BIT  KBDSTROBE
        AND  #$7F
        CMP  #$03
        BNE  L0E2A
        JSR  L0D9B
        LDA  #$1B
L0E2A  JSR  L0E34
        PLA
        TAY
        PLA
        TAX
        PLA
        PLP
        RTS
L0E34  TAY
        LDA  L68EF
        TAX
        CLC
        ADC  #$01
        AND  #$1F
        CMP  L68F0
        BNE  L0E48
        JSR  L0854
        SEC
        RTS
L0E48  STA  L68EF
        TYA
        STA  L68C9,X
        CLC
        RTS
L0E51  JSR  L0E57
        JMP  L0F8E
L0E57  LSR  L68EE
        RTS
L0E5B  JSR  L09F5
        LDX  #$00
        LDY  #$02
        JSR  L09DA
        LDA  #$00
        STA  L68F5
        LDA  L6F2B
        CMP  #$FF
        BNE  L0E74
        LDA  L6E2D
L0E74  STA  L68FA
        EOR  #$00
        BEQ  L0ED6
        CMP  #$27
        BCS  L0E86

```

	LDX	#\$2E
	LDY	#\$6E
	JMP	L0E9F
L0E86	SEC	
	SBC	#\$26
	STA	L68F5
	LDA	#\$2E
	CLC	
	ADC	L68F5
	TAX	
	LDA	#\$6E
	ADC	#\$00
	TAY	
	LDA	L68FA
	SEC	
	SBC	L68F5
L0E9F	BIT	L68F7
	BPL	L0EAA
	JSR	L0AD0
	JMP	L0ED6
L0EAA	PHA	
	LDA	L68F7
	SEC	
	SBC	L68F5
	PHA	
	BEQ	L0EB8
	JSR	L0AD0
L0EB8	PLA	
	STA	L68F6
	CLC	
	ADC	#\$2E
	TAX	
	LDA	#\$00
	ADC	#\$6E
	TAY	
	TXA	
	CLC	
	ADC	L68F5
	TAX	
	BCC	L0ECE
	INY	
L0ECE	PLA	
	SEC	
	SBC	L68F6
	JSR	L0AC8
L0ED6	JSR	L09ED
	STX	L68F8
	STY	L68F9
	LDA	L6F28
	BMI	L0F09
	BEQ	L0F09
	JSR	L09ED
	STX	L68F5
	LDA	#\$28
	SEC	
	SBC	L68F5
	STA	L68F5
	LDX	#\$AB
	LDY	#\$6E
	LDA	L6F28
	CMP	L68F5
	BCC	L0F06
	BEQ	L0F06
	LDA	L68F5
L0F06	JSR	L0AD0
L0F09	JSR	L09ED
	CPY	#\$02
	BNE	L0F13
	JSR	L0B57
L0F13	LDX	L68F8
	LDY	L68F9
	JSR	L09DA
	JMP	L08E4
L0F1F	BIT	L6F29
	BMI	L0F2C
	BIT	L6F28
	BPL	L0F2C
	JMP	L0F2F
L0F2C	JSR	L0A09
L0F2F	JMP	L08E4
L0F32	LDA	L6F2B
	CMP	#\$FF
	BNE	L0F3C

```

L0F3C  LDA  L6E2D
      EOR  #$00
      BNE  L0F42
      LDA  #$FF
L0F42  STA  L68F7
      RTS

L0F46  LDY  #$00
L0F48  LDA  L6E2F, Y
      STA  L6E2E, Y
      INY
      CPY  #$7C
      BCC  L0F48
      LDA  L6F2B
      CMP  #$FF
      BEQ  L0F60
      DEC  L6F2B
      JMP  L0F65

L0F60  LDA  #$7C
      STA  L6F2B
L0F65  LDA  L68F7
      BMI  L0F6D
      DEC  L68F7
L0F6D  RTS

L0F6E  SEC
      ROR  L68F3
      SEC
      ROR  L68F4
      LDA  #$00
      STA  L6F2A
      RTS

L0F7C  LSR  L68F3
      LSR  L68F4
      RTS

L0F83  CLC
      BIT  L68F4
      BPL  L0F8A
      SEC
L0F8A  RTS

L0F8B  JSR  L0DAF
L0F8E  JSR  L0E0C
      BIT  L68F1
      BPL  L0F9B
      LDY  #$1B
      JMP  L0FFC

L0F9B  BIT  L68EE
      BPL  L0FA4
      LDA  L68EA
      RTS

L0FA4  LDA  L68F3
      STA  L68F4
      BPL  L0FC6
      LDX  L6F2A
      CPX  L6F28
      BCC  L0FBC
      LSR  L68F3
      LDY  #$0D
      JMP  L0FC3

L0FBC  LDY  L6EAB, X
      INX
      STX  L6F2A
L0FC3  JMP  L0FFC

L0FC6  BIT  L68F2
      BPL  L0FCE
      JMP  L1069

L0FCE  JSR  L0E0C
      LDA  L68F0
      CMP  L68EF
      BNE  L0FEB
      BIT  L68FE
      BMI  L0FE8
      JSR  L0E5B
      JSR  L0F1F
      SEC
      ROR  L68FE
L0FE8  JMP  L0FCE

L0FEB  LSR  L68FE

```

```

LDX L68F0
LDA L68C9,X
INX
TAY
TXA
AND #$1F
L0FFC STA L68F0
      JSR L100B
      BIT L68FB
      BPL L1007
      JSR L1008
L1007 RTS
L1008 JMP (L68FC)

L100B SEC
      ROR L68EE
      LDA #$00
      LDX #$03
L1013 DEX
      STA L68EB,X
      BNE L1013
      TYA
      AND #$7F
      CMP #$41
      BCC L1028
      CMP #$5B
      BCS L1028
      SEC
      ROR L68EC
L1028 CMP #$30
      BCC L1036
      CMP #$39
      BCC L1032
      BNE L1036
L1032 SEC
      ROR L68ED
L1036 CMP #$08
      BNE L103D
      ROR L68EB
L103D CMP #$15
      BNE L1044
      ROR L68EB
L1044 STA L68E9
      STA L68EA
      CMP #$61
      BCC L105B
      CMP #$7B
      BCS L105B
      SEC
      ROR L68EC
      AND #$5F
      STA L68EA
L105B CLC
      RTS

L105D LDA #$FF
      STA L68F2
      STA L6E0D
      STA L6E0E
      RTS

L1069 BIT L68F1
      BMI L1095
      LDA #$00
      STA L6E11
      JSR L08B9
      JSR L14D8
      PHP
      JSR L08BD
      PLP
      BCS L1088
      AND #$7F
      BEQ L1088
      TAY
      JMP L0FFC

L1088 CMP #$03
      BNE L108E
      LDA #$00
L108E STA L6E11
      SEC
      ROR L68F1
L1095 JMP L0F8B

L1098 LDA $7541
      PHA
      LDA $74FA
      PHA

```

```

        JSR  L10AF
        PLA
        STA  $74FA
        PLA
        STA  $74F9
        STA  $7541
        RTS

L10AF  JSR  L1AB5
        LDX  #$66
        LDA  #$00
L10B6  STA  $74DB,X
        DEX
        BPL  L10B6
        LDA  $05F8
        STA  $7541
        STA  $74F9
        STA  $7507
        LDA  #$01
        STA  $74F8
        STA  $74FA
        LDA  #$09
        STA  $74FE
        LDA  #$75
        STA  $74FF
        LDA  #$00
        STA  $7509
        LDA  #$01
        STA  $750A
        LDA  #$EF
        STA  $750B
        LDA  #$D8
        STA  $750C
        LDA  #$FF
        STA  $753C
L10F3  LDX  #$02
        LDA  #$FF
L10F7  STA  L65FB,X
        DEX
        BPL  L10F7
        RTS

L10FE  LDA  #$80
        JSR  L1119
        BCC  L1106
        RTS

L1106  BIT  $753B
        PHP
        JSR  L15DA
        PLP
        CLC
        BPL  L1112
        SEC
L1112  RTS

L1113  JSR  L1AB5
        JMP  L1124

L1119  JSR  L1AB5
        PHA
        LSR  $74DF
        JSR  L11ED
        PLA
L1124  PHA
        JSR  L15DA
        JSR  L10F3
        LSR  $7540
        PLA
        JSR  L1219
        JSR  L123C
        LDX  #$00
L1137  LDA  $750D,X
        CMP  #$20
        BEQ  L114B
        CMP  #$2C
        BEQ  L115B
        BIT  $753B
        BPL  L115B
        JSR  L1AF1
        DB   $07
L114B  INX
        CPX  #$28
        BCC  L1159
        BIT  $753B
        BMI  L115B
        JSR  L1AF1
        DB   $10

```

L1159	BNE	L1137
L115B	LDY	#\$00
L115D	LDA	\$750D,X
	CMP	#\$2C
	BEQ	L116D
	STA	\$750D,Y
	INY	
	INX	
	CPX	#\$28
L116D	BNE	L115D
	CPY	#\$00
	BNE	L117A
	BIT	\$753B
	BMI	L117A
	JSR	L1AF1
	DB	\$10
L117A	LDA	#\$20
L117C	CPY	#\$28
	BEQ	L1186
	STA	\$750D,Y
	INY	
L1186	BNE	L117C
	LDA	\$753B
	BPL	L11A3
	BIT	\$74DC
	BPL	L1194
	JSR	L1AF1
	DB	\$04
L1194	STA	\$74DB
	LDA	\$74F9
	LSR	
	LSR	
	LSR	
	LSR	
	JSR	OUTPORT
	CLC	
	RTS	
L11A3	LDX	#\$C4
	LDY	#\$11
	JSR	L12CD
	BCC	L11C0
	CMP	#\$03
	SEC	
	BEQ	L11B2
	RTS	
L11B2	LDA	#\$01
	BIT	\$74DD
	BMI	L11BA
	RTS	
L11BA	JSR	L13C5
	JMP	L13F6
L11C0	LDA	\$74E0
	RTS	
	LDX	\$74E2
	LDY	#\$00
L11C9	LDA	\$750D,Y
	ORA	#\$80
	CMP	\$71DB,X
	BNE	L11D9
	INX	
	INY	
	CPY	#\$1E
L11D9	BNE	L11C9
	SEC	
	BEQ	L11E0
	SEC	
	LDA	#\$05
	RTS	
L11E0	JSR	L1458
	BCC	L11E9
	TAX	
	LDA	#\$03
	RTS	
L11E9	LDA	#\$04
	CLC	
	RTS	
L11ED	STX	\$A0
	STY	\$A1
	LDY	#\$28
	LDA	#\$20

L11F5	STA	\$750C, Y
	DEY	
	BNE	L11F5
L11FB	LDA	(\$A0), Y
	CMP	#\$20
	BNE	L1206
	INY	
	CPY	#\$28
	BCC	L11FB
L1206	LDX	#\$00
L1208	CPY	#\$28
	BCS	L1218
	LDA	(\$A0), Y
	AND	#\$7F
	STA	\$750D, X
	INY	
	INX	
	JMP	L1208
L1218	RTS	
L1219	PHA	
	ASL	
	ROR	\$74DC
	ASL	
	ROR	\$74DD
	ASL	
	ROR	\$74DE
	ASL	
	PLA	
	AND	#\$07
	STA	\$74E0
	BIT	\$74DE
	BMI	L1234
	LDA	#\$00
L1234	BCC	L1238
	LDA	#\$04
L1238	STA	\$74E1
	RTS	
L123C	LDA	#\$00
	STA	\$7535
L1241	JSR	L13B0
	BCS	L124A
	CMP	#\$2C
	BNE	L1241
L124A	JSR	L13B0
	BCS	L12A9
	CMP	#\$44
	BNE	L1269
	JSR	L13B0
	CMP	#\$31
	BEQ	L1261
	CMP	#\$32
	BEQ	L1261
	JSR	L1B01
L1261	AND	#\$03
	STA	\$74FA
	JMP	L124A
L1269	CMP	#\$53
	BNE	L129F
	JSR	L13B0
	CMP	#\$50
	BNE	L1288
	LDA	#\$01
L1276	JSR	L1B92
	BCS	L127D
	BEQ	L1292
L127D	CLC	
	ADC	#\$01
	CMP	#\$08
	BCC	L1276
	JSR	L1AF1
	DB	\$11
L1288	CMP	#\$30
	BCC	L129C
	CMP	#\$38
	BCS	L129C
	AND	#\$07
L1292	ASL	
	ASL	
	ASL	
	ASL	
	STA	\$74F9
	JMP	L124A
L129C	JSR	L1B01
L129F	CMP	#\$2C

	BEQ	L12A6
	JSR	L1B01
L12A6	JMP	L124A
L12A9	LDA	\$74F9
	JSR	L1B92
	PHP	
	BCC	L12B8
	LDA	\$74F9
	STA	\$7541
L12B8	PLA	
	EOR	#\$01
	LSR	
	ROR	\$753B
	RTS	
L12C0	JSR	L1AB5
	JSR	L1219
	SEC	
	ROR	\$753D
	JMP	L12D0
L12CD	LSR	\$753D
L12D0	STX	\$7536
	STY	\$7537
	JSR	L1A32
	LDA	\$73D9
	STA	\$74FC
	LDA	\$73DA
	STA	\$74FD
	SEC	
	ROR	\$74EA
L12E9	LDX	#\$00
	JSR	L1B56
	LDA	#\$0B
	STA	\$74E2
L12F3	LDX	\$74E2
	LDA	\$71D8,X
	BNE	L12FF
	LDA	#\$03
	SEC	
	RTS	
L12FF	CMP	#\$FF
	BNE	L1309
	JSR	L13C5
	JMP	L130F
L1309	JSR	L1336
	BCS	L130F
	RTS	
L130F	CLC	
	LDA	\$74E2
	ADC	#\$23
	STA	\$74E2
	BNE	L12F3
	LDA	\$71D9
	STA	\$74FC
	LDA	\$71DA
	STA	\$74FD
	ORA	\$74FD
	BNE	L12E9
	LDA	#\$03
	BIT	\$74EA
	BPL	L1334
	LDA	#\$05
L1334	SEC	
	RTS	
L1336	CLC	
	LDA	#\$D8
	ADC	\$74E2
	STA	\$A0
	LDA	#\$71
	ADC	#\$00
	STA	\$A1
	LDY	#\$02
	LDA	(\$A0),Y
	STA	\$753E
	AND	#\$7F
	BIT	\$74DE
	BMI	L135B
	CMP	\$74E1
	BEQ	L135B
	LDA	#\$04
	SEC	
	RTS	

L135B	BIT	\$753D
	BPL	L137F
	LDY	#\$27
	LDA	#\$20
L1364	STA	\$750D,Y
	DEY	
	BPL	L1364
	LDY	#\$03
	LDX	#\$00
L136E	LDA	(\$A0),Y
	AND	#\$7F
	STA	\$750D,X
	INX	
	INY	
	CPY	#\$21
	BCC	L136E
	LDX	#\$0D
	LDY	#\$75
L137F	LDA	\$753E
	JSR	L13AD
	TAY	
	TYA	
	STX	\$753F
	BCS	L138D
	RTS	
L138D	CMP	#\$05
	BNE	L1392
	RTS	
L1392	PHA	
	JSR	L15DA
	PLA	
	CMP	#\$03
	BNE	L13A1
	LDA	\$753F
	JSR	L1AFB
L13A1	CMP	#\$02
	BNE	L13A9
	JSR	L1AF1
	DB	\$03
L13A9	JSR	L1AF1
	DB	\$00
L13AD	JMP	(\$7536)
L13B0	LDX	\$7535
	CPX	#\$28
	BCC	L13B9
	SEC	
	RTS	
L13B9	LDA	\$750D,X
	INC	\$7535
	CMP	#\$20
	BEQ	L13B0
	CLC	
	RTS	
L13C5	BIT	\$74EA
	BMI	L13CB
	RTS	
L13CB	LDA	\$74E2
	STA	\$74EB
	LDA	L65F8
	STA	\$74E9
	LDA	L65FB
	STA	\$74EA
	RTS	
L13DE	LDA	\$74E9
	STA	\$74FC
	LDA	\$74EA
	STA	\$74FD
	LDX	#\$00
	JSR	L1B56
	LDA	\$74EB
	STA	\$74E2
	RTS	
L13F6	JSR	L13DE
	JSR	L197B
	LDX	#\$00
	TXA	
L13FF	STA	\$72D8,X
	DEX	
	BNE	L13FF

```

LDX $74EB
STA $71F9,X
STA $71FA,X
LDA $74F5
STA $71D9,X
STA L65FC
LDA $74F4
STA $71D8,X
STA L65F9
LDA #$00
STA $71F8,X
SEC
ROR $74D9
SEC
ROR $74D8
LDA $74E1
BIT $74DE
BPL L1438
LDA $74E0
L1438 STA $71DA,X
STA $74E0
LDY #$00
L1440 LDA $750D,Y
ORA #$80
STA $71DB,X
INX
INY
CPY #$1E
BCC L1440
SEC
ROR $74D8
JSR L1AA5
JMP L1458

L1458 JSR L13CB
LDX $74EB
LDA $71DA,X
STA $74DF
BPL L146F
BIT $74DC
BMI L146F
L146B JSR L1AF1
DB $0B
L146F AND #$7F
STA $74E0
LDA $71D8,X
STA $74EE
LDA $71D9,X
STA $74F1
JSR L149F
LDX #$00
STX $74E4
JSR L1A15
LDX #$00
LDY #$00
JSR L1827
LDA #$FF
STA $74E6
STA $74DB
LDA $74E0
CLC
RTS

L149F LDX #$02
LDA #$00
L14A3 STA $74EE,X
STA $74F1,X
DEX
BNE L14A3
STX $74E4
JSR L1A15
L14B2 LDA $72DA
ORA $72D9
BEQ L14D7
LDX $74E4
INX
STX $74E4
LDA $72DA
STA $74F1,X
LDA $72D9
STA $74EE,X
JSR L1A15
LDX $74E4
CPX #$03
BCC L14B2
L14D7 RTS
L14D8 JSR L14E0

```


L157F	STA	\$71D8,X
	INX	
	BNE	L157F
	STX	\$74E2
	INC	\$74E3
	SEC	
	ROR	\$74D8
L158F	JSR	L18A7
L1592	LDX	\$74E4
	CPX	#\$03
	BCS	L15D8
	JSR	L1A15
	BCS	L15CD
L159E	LDX	\$74E5
	CPX	#\$F4
	BCS	L15CD
	LDA	\$72E4,X
	STA	\$74F4
	LDA	\$72E5,X
	STA	\$74F5
	INX	
	INX	
	STX	\$74E5
	ORA	\$74F4
	BEQ	L15CA
	LDA	#\$00
	STA	\$72E2,X
	STA	\$72E3,X
	SEC	
	ROR	\$74D9
	JSR	L19D5
L15CA	JMP	L159E
L15CD	LDX	#\$00
	STX	\$74E5
	INC	\$74E4
	JMP	L1592
L15D8	CLC	
	RTS	
L15DA	JSR	L1AB5
	LDA	#\$00
	STA	\$7542
	CLC	
	BIT	\$74DB
	BMI	L15E9
	RTS	
L15E9	BIT	\$753B
	BPL	L1602
	LSR	\$753B
	LSR	\$74DB
	JSR	SETVID
	JSR	SETKBD
	LDA	\$7541
	STA	\$74F9
	CLC	
	RTS	
L1602	BIT	\$7540
	BMI	L1613
	BIT	\$74DD
	BPL	L1613
	SEC	
	ROR	\$7540
	JMP	L1649
L1613	JSR	L1625
	BCS	L161E
	LDA	\$7542
	BNE	L161E
	RTS	
L161E	PHA	
	JSR	L10F3
	PLA	
	SEC	
	RTS	
L1625	JSR	L1AB5
	JSR	L1B05
	BIT	\$74DD
	BPL	L163B
	JSR	L154F
	BCC	L1638
	STA	\$7542
L1638	JSR	L17EA

L163B	JSR	L1A8D
	JSR	L1A92
	JSR	L1AA5
	LSR	\$74DB
	CLC	
	RTS	
L1649	JSR	L1AB5
	BIT	\$753B
	BPL	L1655
	JSR	L1AF1
	DB	\$04
L1655	JSR	L1966
	LDX	#\$00
	LDY	#\$00
	JSR	L1827
	JSR	L154F
	BCC	L1667
	JSR	L1AFB
L1667	JSR	L13DE
	LDX	\$74EB
	LDA	\$71D8,X
	STA	\$71F8,X
	LDA	#\$FF
	STA	\$74D8
	STA	\$71D8,X
	LDA	#\$00
	STA	\$74E4
	SEC	
	ROR	L65FC
L1684	LDX	\$74E4
	CPX	#\$03
	BCS	L16B0
	LDA	\$74EE,X
	ORA	\$74F1,X
	BEQ	L16B0
	LDA	\$74EE,X
	STA	\$74F4
	LDA	\$74F1,X
	STA	\$74F5
	LDA	#\$00
	STA	\$74F1,X
	STA	\$74EE,X
	JSR	L19D5
	INC	\$74E4
	JMP	L1684
L16B0	JSR	L1A8D
	JSR	L1AA5
	LSR	\$74DB
	CLC	
	RTS	
L16BB	LDA	\$74FB
	STA	\$753A
	LDA	#\$FE
	STA	\$74FB
	JSR	L16D2
	PHA	
	LDA	\$753A
	STA	\$74FB
	PLA	
	RTS	
L16D2	JSR	L1AB5
	JSR	L11ED
	JSR	L123C
	LDA	\$750D
	CMP	#\$20
	BEQ	L16EA
	CMP	#\$2C
	BEQ	L16EA
	JSR	L1AF1
	DB	\$07
L16EA	LDA	#\$04
	STA	\$7504
	JSR	L1B36
	LDA	#\$11
	STA	\$74FC
	LDA	#\$0F
	STA	\$74FD
	LDA	#\$01
	STA	\$7504
	LDA	#\$D8
	STA	\$7500
	LDA	#\$73
	STA	\$7501
	LDY	#\$F8

	LDA	#\$74
	JSR	L6511
	LDA	#\$0D
	BCS	L1718
L1718	LDA	#\$10
	STA	\$753C
	LDX	#\$00
	TXA	
L171E	STA	\$73D8,X
	STA	\$71D8,X
	DEX	
	BNE	L171E
	LDA	#\$11
	STA	L65FA
	STA	\$73D9
	STA	\$71D9
	STA	L65F8
	LDA	#\$00
	STA	L65FD
	LDA	#\$23
	STA	\$740C
	STA	\$74F4
L1742	LDA	\$74F4
	CMP	#\$11
	BEQ	L1763
	LDA	\$753C
	STA	\$740D
	SEC	
	SBC	#\$01
	STA	\$71DA
	STA	\$73DA
	STA	\$74F5
L175B	JSR	L19D5
	DEC	\$74F5
	BPL	L175B
L1763	DEC	\$74F4
	BNE	L1742
	LDA	#\$02
	LDX	\$753C
	CPX	#\$10
	BNE	L1773
L1773	LDA	#\$03
	STA	\$73DB
	LDA	#\$FE
	STA	\$73DE
	LDA	#\$7A
	STA	\$73FF
	LDA	#\$01
	STA	\$740F
	LDA	#\$FF
	STA	\$7408
	STA	\$74DA
	LDA	#\$F8
	STA	\$7409
	JSR	L1AA5
L1795	LDA	\$71D9
	STA	L65F8
	BEQ	L17B7
	LDA	\$71DA
	STA	L65FB
	DEC	\$71DA
	BNE	L17AD
	LDA	#\$00
	STA	\$71D9
L17AD	SEC	
	ROR	\$74D8
	JSR	L1A8D
	JMP	L1795
L17B7	CLC	
	RTS	
	PHA	
	AND	#\$07
	BNE	L17C7
	PLA	
	BNE	L17C3
	SEC	
	RTS	
L17C3	PHA	
	JMP	L17CB
L17C7	ASL	
	ASL	
	ASL	
L17CB	STA	\$74F9

	STA	\$7541
	PLA	
	CLC	
	RTS	
	STA	\$74FA
	CLC	
	RTS	
L17D9	LDA	\$74F9
	CLC	
	RTS	
L17DE	LDA	\$74FA
	CLC	
	RTS	
	LDA	#\$10
	BNE	L17E9
	LDA	#\$0D
L17E9	RTS	
L17EA	LDX	#\$00
	STX	\$74EC
L17EF	TXA	
	PHA	
	JSR	L1A15
	BCS	L180A
	INC	\$74EC
	LDX	#\$0C
L17FB	LDA	\$72D8,X
	ORA	\$72D9,X
	BEQ	L1806
	INC	\$74EC
L1806	INX	
	INX	
	BNE	L17FB
L180A	PLA	
	TAX	
	INX	
	CPX	#\$03
	BCC	L17EF
	LDA	#\$FF
	STA	\$74E6
	JSR	L13DE
	LDX	\$74EB
	LDA	\$74EC
	STA	\$71F9,X
	SEC	
	ROR	\$74D8
	RTS	
L1827	STX	\$74E2
	STY	\$74E3
	CLC	
	RTS	
	JSR	L195C
	LDX	\$74E2
	LDY	\$74E3
	CLC	
	RTS	
L183A	JSR	L195C
	BIT	L65FB
	BMI	L184C
	LDA	\$74E3
	CMP	\$74E6
	BNE	L184C
	CLC	
	RTS	
L184C	JSR	L18A7
	TAX	
	LDA	\$72E4,X
	STA	\$74FC
	LDA	\$72E5,X
	STA	\$74FD
	ORA	\$74FC
	BEQ	L1869
	LDX	#\$00
	JSR	L1B56
	JMP	L189F
L1869	BIT	\$74DD
	BMI	L1872
	JSR	L1AF1
	DB	\$03

L1872	TXA	
	PHA	
	JSR	L1B05
	LDX	#\$00
L187A	TXA	
	STA	\$71D8, X
	INX	
	BNE	L187A
	JSR	L197B
	PLA	
	TAX	
	LDA	\$74F5
	STA	\$72E5, X
	STA	L65FB
	LDA	\$74F4
	STA	\$72E4, X
	STA	L65F8
	LDA	#\$FF
	STA	\$74D9
	STA	\$74D8
L189F	LDA	\$74E3
	STA	\$74E6
	CLC	
	RTS	
L18A7	LDA	\$74E3
	LDX	#\$00
L18AC	CMP	#\$7A
	BCC	L18B6
	SEC	
	SBC	#\$7A
	INX	
	BPL	L18AC
L18B6	CPX	#\$03
	BCC	L18BE
	JSR	L1AF1
	DB	\$06
L18BE	ASL	
	STA	\$74E5
	STX	\$74E4
L18C5	LDX	\$74E4
	JSR	L1A15
	BCC	L18D3
	JSR	L18DA
	JMP	L18C5
L18D3	LDA	\$74E5
	LDX	\$74E4
	RTS	
L18DA	BIT	\$74DD
	BMI	L18E3
	JSR	L1AF1
	DB	\$03
L18E3	JSR	L1A92
	LDX	#\$00
L18E8	INX	
	CPX	#\$03
	BCC	L18F1
	JSR	L1AF1
	DB	\$06
L18F1	LDA	\$74EE, X
	ORA	\$74F1, X
	BNE	L18E8
	STX	\$7538
	JSR	L197B
	LDX	#\$00
	LDA	#\$00
L1903	STA	\$72D8, X
	DEX	
	BNE	L1903
	LDX	\$7538
	LDA	\$74F4
	STA	L65F9
	STA	\$74EE, X
	LDA	\$74F5
	STA	L65FC
	STA	\$74F1, X
	SEC	
	ROR	\$74D9
	JSR	L1A92
	LDX	\$7538
	DEX	
	JSR	L1A15
	LDA	\$74F4
	STA	\$72D9
	LDA	\$74F5
	STA	\$72DA

	SEC	
	ROR	\$74D9
	RTS	
L193D	INC	\$74E2
	BNE	L1952
	INC	\$74E3
	PHA	
	LDA	\$74E3
	CMP	#\$FF
	BNE	L1951
	JSR	L1AF1
	DB	\$06
L1951	PLA	
L1952	RTS	
L1953	LSR	L65A1
	RTS	
L1957	SEC	
	ROR	L65A1
	RTS	
L195C	BIT	\$74DB
	BMI	L1965
	JSR	L1AF1
	DB	\$02
L1965	RTS	
L1966	JSR	L195C
	BIT	\$74DD
	BMI	L1972
	JSR	L1AF1
	DB	\$09
L1972	BIT	\$74DF
	BPL	L197A
	JMP	L146B
L197A	RTS	
L197B	JSR	L1A32
	BIT	\$74E8
	BPL	L1986
	JSR	L1A92
L1986	SEC	
	ROR	\$74E7
	LDX	#\$00
L198C	LDA	\$7410,X
	BEQ	L19CC
	LDY	#\$00
L1993	ASL	
	BCC	L19C9
	STY	\$74F5
L1999	LSR	
	DEY	
	BPL	L1999
	STA	\$7410,X
	TXA	
	PHA	
	LSR	
	LSR	
	STA	\$74F4
	PLA	
	ASL	
	ASL	
	ASL	
	ORA	\$74F5
	AND	#\$1F
	STA	\$74F5
	CLC	
	LDA	\$753C
	SBC	\$74F5
	BPL	L19C0
	JSR	L1AF1
	DB	\$0A
L19C0	STA	\$74F5
	SEC	
	ROR	\$74DA
	CLC	
	RTS	
L19C9	INY	
	BPL	L1993
L19CC	INX	
	CPX	#\$8C
	BCC	L198C
	JSR	L1AF1
	DB	\$05
L19D5	JSR	L1A32

	BIT	\$74E7
	BPL	L19E0
	JSR	L1AA5
L19E0	LDA	\$753C
	CLC	
	SBC	\$74F5
	STA	\$74F6
	SEC	
	ROR	\$74E8
	LSR	
	LSR	
	STA	\$74F7
	LDA	\$74F4
	ASL	
	ASL	
	ORA	\$74F7
	TAX	
	LDA	\$74F6
	AND	#\$07
	TAY	
	LDA	#\$00
	SEC	
L1A06	ROR	
	DEY	
	BPL	L1A06
	ORA	\$7410,X
	STA	\$7410,X
	SEC	
	ROR	\$74DA
	RTS	
L1A15	TXA	
	PHA	
	LDA	\$74EE,X
	STA	\$74FC
	LDA	\$74F1,X
	STA	\$74FD
	ORA	\$74FC
	SEC	
	BEQ	L1A2F
	LDX	#\$01
	JSR	L1B56
	CLC	
L1A2F	PLA	
	TAX	
	RTS	
L1A32	BIT	L65FD
	BPL	L1A49
	LDA	#\$11
	STA	\$74FC
	LDA	#\$00
	STA	\$74FD
	LDX	#\$02
	JSR	L1B56
	LSR	\$74DA
L1A49	LDA	\$740D
	CMP	#\$0C
	BNE	L1A53
	JSR	L1A5C
L1A53	LDA	\$740D
	BEQ	L1A5B
	STA	\$753C
L1A5B	RTS	
L1A5C	LDA	#\$0D
	STA	\$740D
	LDA	#\$00
	STA	\$740E
	LDA	#\$01
	STA	\$740F
	LDA	\$74DD
	STA	\$74DA
	LDX	#\$38
	LDY	#\$23
L1A75	INX	
	LDA	\$73D8,X
	AND	#\$F8
	STA	\$73D8,X
	INX	
	LDA	#\$00
	STA	\$73D8,X
	INX	
	STA	\$73D8,X
	INX	
	DEY	
	BNE	L1A75

```

RTS
L1A8D LDA #00
      JMP L1A94
L1A92 LDA #01
L1A94 PHA
      LSR $74E8
      BIT $74E7
      BPL L1AA0
      JSR L1AA5
L1AA0 PLA
      TAX
      JMP L1B0A
L1AA5 LSR $74E7
      BIT $74E8
      BPL L1AB0
      JSR L1A92
L1AB0 LDX #02
      JMP L1B0A
L1AB5 STX $7544
      STA $7543
      PLA
      CLC
      ADC #01
      STA $7545
      PLA
      ADC #00
      STA $7546
      LDA $7547
      PHA
      JSR L1AE4
      STA $7543
      PHP
      PLA
      STA $74F7
      PLA
      STA $7547
      LDA $74F7
      PHA
      LDA $7543
      PLP
      RTS
L1AE4 TSX
      STX $7547
      LDA $7543
      LDX $7544
      JMP ($7545)
L1AF1 PLA
      STA $A0
      PLA
      STA $A1
      LDY #01
      LDA ($A0),Y
L1AFB LDX $7547
      TXS
      SEC
      RTS
L1B01 JSR L1AF1
      DB $07
L1B05 BIT $74E7
      LDX #00
L1B0A LDA $74D8,X
      BMI L1B10
      RTS
L1B10 LDA L65FB,X
      BPL L1B16
      RTS
L1B16 LSR $74D8,X
      LDA L65F8,X
      STA $74FC
      LDA L65FB,X
      STA $74FD
      LDA #02
L1B27 STA $7504
      TXA
      CLC
      ADC #71
      STA $7501
      LDA #D8
      STA $7500

```

```

L1B36  LDY  #$F8
        LDA  #$74
        JSR  L6511
        BCS  L1B40
        RTS

L1B40  LDA  $7505
        LDX  #$04

L1B45  ASL
        BCS  L1B4B
        DEX
        BNE  L1B45

L1B4B  LDA  L1B51,X
        JSR  L1AFB

L1B51  DB   $0A
        DB   $0E
        DB   $0F
        DB   $0D
        DB   $0C

L1B56  LDA  $74FC
        CMP  L65F8,X
        BNE  L1B67
        LDA  $74FD
        CMP  L65FB,X
        BNE  L1B67
        RTS

L1B67  LDA  $74FC
        PHA
        LDA  $74FD
        PHA
        TXA
        PHA
        JSR  L1B0A
        PLA
        TAX
        PLA
        STA  $74FD
        PLA
        STA  $74FC
        LSR  $74D8,X
        LDA  $74FC
        STA  L65F8,X
        LDA  $74FD
        STA  L65FB,X
        LDA  #$01
        JMP  L1B27

L1B92  PHA
        CMP  #$0F
        BCC  L1B9D
        BEQ  L1B9D
        LSR
        LSR
        LSR
        LSR

L1B9D  ORA  #$C0
        STA  $A3
        LDA  #$00
        STA  $A2
        LDX  #$03

L1BA7  LDY  #$05
        LDA  ($A2),Y
        CMP  L1BD8,X
        BNE  L1BD2
        LDY  #$07
        LDA  ($A2),Y
        CMP  L1BDC,X
        BNE  L1BD2
        DEX
        BPL  L1BCD
        LDY  #$01
        LDA  ($A2),Y
        CMP  #$20
        BNE  L1BD5
        LDY  #$03
        LDA  ($A2),Y
        BNE  L1BD5
        PLA
        SEC
        RTS

L1BCD  PLA
        LDX  #$00
        CLC
        RTS

L1BD2  DEX

```

```

L1BD5  BPL  L1BA7
        PLA
        CLC
        RTS

L1BD8  HEX  03483818
L1BDC  HEX  3C481838
L1BE0  LDY  #$09
        LDA  #$00
L1BE4  STA  $7583,Y
        DEY
        BPL  L1BE4
        RTS

L1BEB  LDX  #$09
L1BED  LDY  $7583,X
        LDA  $758D,X
        STA  $7583,X
        TYA
        STA  $758D,X
        DEX
        BPL  L1BED
        RTS

L1BFE  LDA  #$00
        STA  $756E
        RTS

L1C04  JSR  L1C0E
        BCS  L1C0D
        JSR  L1BE0
        CLC
L1C0D  RTS

L1C0E  LDA  $756E
        CMP  #$82
        BCC  L1C1C
        LDA  #$72
        STA  $7600
        SEC
        RTS

L1C1C  TAX
        CLC
        ADC  #$0A
        STA  $756E
        TAY
        INY
        INX

L1C26  LDA  $7582,X
        STA  $7582,Y
        DEY
        DEX
        BNE  L1C26
        CLC
        RTS

L1C32  JSR  L1BEB
L1C35  LDA  $756E
        BEQ  L1C53
        SEC
        SBC  #$0A
        STA  $756E
        LDX  #$0A

L1C42  LDA  $758D,X
        STA  $7583,X
        INX
        CPX  $756E
        BCC  L1C42
        LDA  #$72
        STA  $7588,X

L1C53  RTS

L1C54  LDA  $756E
        CMP  #$0A
        BEQ  L1C62
L1C5B  LDA  #$72
        STA  $7588
        SEC
        RTS

L1C62  CLC
        RTS

L1C64  JSR  L1C04
        JMP  L1C5B

L1C6A  TAY

```

	BPL	L1C7B
	PHA	
	EOR	#\$FF
	CLC	
	ADC	#\$01
	JSR	L1C7B
	PLA	
	STA	\$758B
	RTS	
L1C7B	PHA	
	JSR	L1C04
	PLA	
	PHA	
L1C83	LDX	#\$00
	CMP	#\$64
	BCC	L1C8C
	SBC	#\$64
	INX	
L1C8C	BNE	L1C83
	STX	\$7588
	STA	\$7587
	LDA	#\$02
	STA	\$758C
	JSR	L1E3C
	PLA	
	RTS	
L1C9C	JSR	L1CB1
	PHP	
	BIT	\$758B
	BPL	L1CAA
	EOR	#\$FF
	CLC	
	ADC	#\$01
L1CAA	PHA	
	JSR	L1C32
	PLA	
	PLP	
	RTS	
L1CB1	LDA	\$7588
	BNE	L1CB8
	CLC	
	RTS	
L1CB8	LDA	\$758C
	CMP	#\$01
	BCS	L1CC2
	LDA	#\$00
	RTS	
L1CC2	BNE	L1CCC
	LDA	\$7588
	CMP	#\$64
	BCS	L1CCC
	RTS	
L1CCC	LDA	#\$64
	RTS	
L1CCF	LDA	\$758C
	BNE	L1CDE
	SEC	
	LDA	\$7588
	BNE	L1CDB
	CLC	
L1CDB	JMP	L1CFB
L1CDE	CMP	#\$01
	BNE	L1CE9
	LDA	\$7588
	CLC	
	JMP	L1CFB
L1CE9	CMP	#\$03
	BCS	L1CFB
	LDA	\$7588
	CMP	#\$03
	BCS	L1CFB
	TAX	
	LDA	L1D03,X
	ADC	\$7587
L1CFB	PHA	
	PHP	
	JSR	L1C32
	PLP	
	PLA	


```

RTS
L1D03  DB    $00
        DB    $64
        DB    $C8
        DB    $00
L1D07  LDA    #$00
        BEQ   L1D0D
L1D0B  LDA    #$01
L1D0D  JSR   L1D38
        LDX   #$09
L1D12  DEY
        LDA    $7583,X
        STA    $756F,Y
        DEX
        BPL   L1D12
        RTS
L1D1D  LDA    #$00
        BEQ   L1D23
L1D21  LDA    #$01
L1D23  PHA
        JSR   L1C04
        PLA
        JSR   L1D38
        LDX   #$09
L1D2D  DEY
        LDA    $756F,Y
        STA    $7583,X
        DEX
        BPL   L1D2D
        RTS
L1D38  TAX
        LDA    #$00
L1D3B  CLC
        ADC    #$0A
        DEX
        BPL   L1D3B
        TAY
        RTS
L1D43  JSR   L20E8
        LDA    $7592
        BNE   L1D4E
        JMP   L1C35
L1D4E  LDA    $7588
        BNE   L1D56
        JMP   L1C32
L1D56  LDA    $758B
        EOR   $7595
        STA    $7569
        LDA    #$80
        STA    $7567
L1D64  SEC
        LDA    $758C
        SBC   $7596
        BVC   L1D70
        JMP   L1FAF
L1D70  BEQ   L1D99
        BMI   L1D93
        TAX
        LDY   #$00
L1D77  CPX   #$06
        BCS   L1D86
        LDA    $758D,X
        STA    $758D,Y
        INX
        INY
        JMP   L1D77
L1D86  LDA    #$00
L1D88  STA    $758D,Y
        INY
        CPY   #$06
        BCC   L1D88
        JMP   L1D99
L1D93  JSR   L1BEB
        JMP   L1D64
L1D99  BIT   $7569
        BPL   L1DC2
        JSR   L1E23
        BCS   L1DA6

```

```

L1DA6 JSR L1BEB
L1DA8 LDX #$00
      SEC
      LDA $7583,X
      SBC $758D,X
      BPL L1DB7
      CLC
      ADC #$64
      DEC $7584,X
L1DB7 STA $7583,X
      INX
      CPX #$06
      BCC L1DA8
      JMP L1DDC

L1DC2 LDX #$00
L1DC4 CLC
      LDA $7583,X
      ADC $758D,X
      CMP #$64
      BCC L1DD4
      SBC #$64
      INC $7584,X
L1DD4 STA $7583,X
      INX
      CPX #$06
      BCC L1DC4
L1DDC JSR L1E3C
      JMP L1C35

L1DE2 JSR L1EA3
      JMP L1D43

L1DE8 LDA $758B
      EOR $7595
      BPL L1DFB
      LDA $758B
      ORA #$01
      BPL L1DF9
      CLC
      RTS

L1DF9 SEC
      RTS

L1DFB BIT $758B
      BPL L1E0C
      JSR L1E0C
      BEQ L1E0B
      PHP
      PLA
      EOR #$01
      PHA
      PLP
L1E0B RTS

L1E0C LDA $7588
      BEQ L1E14
      LDX $7592
L1E14 BNE L1E1A
      CMP $7592
      RTS

L1E1A SEC
      LDA $758C
      SBC $7596
      BNE L1E34
L1E23 LDX #$06
L1E25 DEX
      BPL L1E2B
      INX
      SEC
      RTS

L1E2B LDA $7583,X
      CMP $758D,X
      BEQ L1E25
      RTS

L1E34 BVS L1E38
      EOR #$80
L1E38 ORA #$01
      ASL
      RTS

L1E3C BIT $758C
      BPL L1E46
      BVS L1E46

```

```

        JMP     L1F79

L1E46  BMI     L1E4D
        BVC     L1E4D
        JMP     L1C5B

L1E4D  LDX     #$07
L1E4F  LDA     $7583,X
        BEQ     L1E57
        JMP     L1E5D

L1E57  DEX
        BPL     L1E4F
        JMP     L1F79

L1E5D  TXA
        SEC
        SBC     #$05
        BEQ     L1EA2
        CLC
        ADC     $758C
        STA     $758C
        CPX     #$06
        BCC     L1E8E
        LDY     #$01
        CPX     #$07
        BCC     L1E75
        INY
L1E75  LDX     #$00
L1E77  LDA     $7583,Y
        STA     $7583,X
        INY
        INX
        CPX     #$06
        BCC     L1E77
        LDA     #$00
        STA     $758A
        STA     $7589
        JMP     L1EA2

L1E8E  LDY     #$05
        INX
L1E91  DEX
        BPL     L1E99
        LDA     #$00
        JMP     L1E9C

L1E99  LDA     $7583,X
L1E9C  STA     $7583,Y
        DEY
        BPL     L1E91
L1EA2  RTS

L1EA3  LDA     $7588
        BEQ     L1EB0
        LDA     $758B
        EOR     #$80
        STA     $758B
L1EB0  RTS

        JSR     L20E8
        JSR     L1DE8
        BCC     L1EBC
        JSR     L1BEB
L1EBC  JMP     L1C35

        JSR     L20E8
        JSR     L1DE8
        BCS     L1ECA
        JSR     L1BEB
L1ECA  JMP     L1C35

L1ECD  JSR     L20E8
        JSR     L0E0C
        JSR     L207E
        LDA     $758C
        CLC
        ADC     $7596
        STA     $7557
        LDX     #$00
        STX     $756C
L1EE5  LDA     $758D,X
        STA     $7569
        BEQ     L1F54
        LDY     #$00
L1EEF  LDA     $7583,Y
        BEQ     L1F4E
        STA     $7567

```

```

LDA #000
STA $7568
LDA $7569
STA $756A
L1F02 LDA $756A
      BEQ L1F4E
      LSR $756A
      BCC L1F38
      CLC
      LDA $7567
      ADC $7548,X
      CMP #$64
      BCC L1F1A
      SBC #$64
      SEC
L1F1A STA $7548,X
      LDA $7568
      STX $7558
L1F23 INX
      ADC $7548,X
      CMP #$64
      BCC L1F2E
      SBC #$64
      SEC
L1F2E STA $7548,X
      LDA #000
      BCS L1F23
      LDX $7558
L1F38 ASL $7567
      LDA $7567
      CMP #$64
      BCC L1F48
      SBC #$64
      STA $7567
      SEC
L1F48 ROL $7568
      JMP L1F02

L1F4E INX
      INY
      CPY #$06
      BCC L1EEF
L1F54 LDX $756C
      INX
      STX $756C
      CPX #$06
      BCC L1EE5
      JSR L1C35
      LDX #$05
      LDA #000
L1F66 STA $7583,X
      DEX
      BPL L1F66
      LDX #0D
L1F6E LDA $7548,X
      BEQ L1F76
      JMP L1F84

L1F76 DEX
      BPL L1F6E
L1F79 LDA #000
      LDX #09
L1F7D STA $7583,X
      DEX
      BPL L1F7D
      RTS

L1F84 TXA
      CLC
      ADC $7557
      SEC
      SBC #0B
      STA $758C
      LDY #05
L1F91 LDA $7548,X
      STA $7583,Y
      DEY
      BMI L1F9D
      DEX
      BPL L1F91
L1F9D LDA $7556
      STA $758B
      RTS

L1FA4 JSR L20E8
      JSR L0E0C
      LDA $7588
      BNE L1FB5

```

L1FAF	JSR	L1C5B
	JMP	L1C35
L1FB5	JSR	L207E
	SEC	
	LDA	\$7596
	SBC	\$758C
	BVC	L1FC4
	JMP	L1FAF
L1FC4	STA	\$7557
	LDX	#\$05
L1FC9	LDA	\$758D,X
	STA	\$755F,X
	DEX	
	BPL	L1FC9
	JSR	L1BEB
	LDY	#\$07
L1FD7	LDX	#\$00
	STX	\$7567
L1FDC	ASL	\$7567
	ROL	\$758D,X
	LDA	\$758D,X
	SEC	
	SBC	#\$64
	BMI	L1FF1
	STA	\$758D,X
	SEC	
	ROR	\$7567
L1FF1	INX	
	CPX	#\$08
	BCC	L1FDC
	DEY	
	BNE	L1FD7
	JSR	L1BEE0
	LDA	#\$06
	STA	\$756B
	LDA	#\$0D
	STA	\$7558
L2006	LDX	#\$07
L2008	LDA	\$758D,X
	STA	\$754D,X
	LDA	#\$00
	STA	\$7548,X
	DEX	
	BPL	L2008
	LDX	#\$08
	STX	\$7569
L201B	LDY	#\$07
	LDX	\$7558
L2020	LDA	\$7559,X
	CMP	\$754D,Y
	BNE	L202D
	DEX	
	DEY	
	SEC	
	BPL	L2020
L202D	LDX	\$756B
	PHP	
	ROL	\$7583,X
	PLP	
	BCC	L2054
	LDY	#\$00
	LDX	\$7558
L203C	SEC	
	LDA	\$7552,X
	SBC	\$754D,Y
	BPL	L204B
	CLC	
	ADC	#\$64
	DEC	\$7553,X
L204B	STA	\$7552,X
	INX	
	INY	
	CPY	#\$08
	BCC	L203C
L2054	LDX	#\$07
	CLC	
L2057	LDA	\$754D,X
	BCC	L205E
	ADC	#\$63
L205E	LSR	
	STA	\$754D,X
	DEX	
	BPL	L2057
	DEC	\$7569
	BNE	L201B
	DEC	\$7558

	DEC	\$756B
	BPL	L2006
	LDA	\$7557
	STA	\$758C
	JSR	L1F9D
	JMP	L1DDC
L207E	LDA	\$758B
	EOR	\$7595
	STA	\$7556
	LDX	#\$0D
	LDA	#\$00
L208B	STA	\$7548,X
	STA	\$7559,X
	DEX	
	BPL	L208B
	RTS	
L2095	HEX	000A141E28323C46505A64
L20A0	LDA	\$756E
	CMP	#\$0A
	BCS	L20AC
	JSR	L1C64
	SEC	
	RTS	
L20AC	CLC	
	RTS	
L20AE	LDA	\$756E
	CMP	#\$0A
	BCS	L20BB
	JSR	L1C64
	JMP	L20C7
L20BB	LDA	\$7588
	JSR	L2198
	BCS	L20C4
	RTS	
L20C4	STA	\$7588
L20C7	PLA	
	PLA	
	SEC	
	RTS	
L20CB	LDA	\$756E
	CMP	#\$0A
	BCS	L20D8
	JSR	L1C64
	JMP	L20E4
L20D8	LDA	\$7588
	JSR	L2180
	BCS	L20E1
	RTS	
L20E1	STA	\$7588
L20E4	PLA	
	PLA	
	SEC	
	RTS	
L20E8	LDA	\$756E
	CMP	#\$14
	BCS	L20FE
	CMP	#\$0A
	BCS	L20F6
	JSR	L1C64
L20F6	LDA	#\$72
	STA	\$7588
	JMP	L2130
L20FE	LDA	\$7588
	JSR	L2198
	BCS	L2112
	LDA	\$7592
	JSR	L2198
	BCS	L210F
	RTS	
L210F	JMP	L212A
L2112	STA	\$7588
	LDA	\$7592
	JSR	L2198
	BCS	L2123
	LDA	\$7588
	JMP	L212A

L2123	CMP	#\$71
	BNE	L212A
	LDA	\$7588
L212A	STA	\$7592
	JSR	L1C32
L2130	PLA	
	PLA	
	SEC	
	RTS	
L2134	LDA	\$756E
	CMP	#\$14
	BCS	L214A
	CMP	#\$0A
	BCS	L2142
	JSR	L1C64
L2142	LDA	#\$72
	STA	\$7588
	JMP	L217C
L214A	LDA	\$7588
	JSR	L2180
	BCS	L215E
	LDA	\$7592
	JSR	L2180
	BCS	L215B
	RTS	
L215B	JMP	L2176
L215E	STA	\$7588
	LDA	\$7592
	JSR	L2180
	BCS	L216F
	LDA	\$7588
	JMP	L2176
L216F	CMP	#\$71
	BNE	L2176
	LDA	\$7588
L2176	STA	\$7592
	JSR	L1C32
L217C	PLA	
	PLA	
	SEC	
	RTS	
L2180	CMP	#\$73
	BCC	L2186
	CLC	
	RTS	
L2186	CMP	#\$70
	BCS	L218C
	LDA	#\$72
L218C	SEC	
	RTS	
L218E	LDA	\$7588
	JSR	L2198
	STA	\$7588
	RTS	
L2198	CMP	#\$70
	BCC	L21A4
	PHP	
	CMP	#\$73
	BCC	L21A3
	LDA	#\$72
L21A3	PLP	
L21A4	RTS	
L21A5	JSR	L1C04
L21A8	LDA	#\$73
	STA	\$7588
	RTS	
L21AE	JSR	L1C04
L21B1	LDA	#\$74
	STA	\$7588
	RTS	
L21B7	JSR	L20CB
	LDA	\$7588
	CMP	#\$73
	BNE	L21C6
	LDA	#\$74
	JMP	L21C8

L21C6	LDA	#\$73
L21C8	STA	\$7588
	CLC	
	RTS	
	JSR	L2134
	LDA	\$7588
	CMP	#\$73
	BEQ	L21DA
	LDA	\$7592
L21DA	PHA	
	JSR	L1C32
	PLA	
	STA	\$7588
	CLC	
	RTS	
	JSR	L2134
	LDA	\$7588
	CMP	#\$74
	BEQ	L21F1
	LDA	\$7592
L21F1	PHA	
	JSR	L1C32
	PLA	
	STA	\$7588
	CLC	
	RTS	
L21FB	JSR	L1DE8
	PHP	
	JSR	L1C32
	PLP	
	RTS	
L2204	JSR	L20A0
	BCC	L220A
	RTS	
L220A	LDA	\$7588
	JSR	L2180
	BCC	L2223
	LDA	\$7592
	JSR	L2180
	BCC	L2223
	JSR	L20E8
	JSR	L21FB
	JMP	L2231
L2223	JSR	L2134
	LDA	\$7588
	CMP	\$7592
	PHP	
	JSR	L1C32
	PLP	
L2231	BNE	L2239
	JSR	L21A8
	JMP	L223C
L2239	JSR	L21B1
L223C	CLC	
	RTS	
	JSR	L2204
	BCS	L2246
	JSR	L21B7
L2246	RTS	
L2247	JSR	L20E8
	JSR	L21FB
	BCS	L2255
	JSR	L21A8
	JMP	L2258
L2255	JSR	L21B1
L2258	CLC	
	RTS	
	JSR	L2247
	BCS	L2262
	JSR	L21B7
L2262	RTS	
L2263	JSR	L20E8
	JSR	L21FB
	BCC	L2273
	BEQ	L2273

	JSR	L21A8
	JMP	L2276
L2273	JSR	L21B1
L2276	CLC	
	RTS	
	JSR	L2263
	BCS	L2280
L2280	JSR	L21B7
	RTS	
	JSR	L20A0
	BCC	L2287
	RTS	
L2287	LDA	\$7588
	CMP	#\$71
	BNE	L2294
	JSR	L21A8
	JMP	L2297
L2294	JSR	L21B1
L2297	CLC	
	RTS	
	JSR	L20A0
	BCC	L229F
	RTS	
L229F	LDA	\$7588
	CMP	#\$72
	BNE	L22AC
	JSR	L21A8
	JMP	L22AF
L22AC	JSR	L21B1
L22AF	CLC	
	RTS	
L22B1	JSR	L20AE
	SEC	
	LDA	#\$05
	SBC	\$758C
	BPL	L22BD
	RTS	
L22BD	CMP	#\$06
	BCC	L22C4
	JMP	L1BE0
L22C4	TAX	
	LDA	#\$00
L22C7	STA	\$7583,X
	DEX	
	BPL	L22C7
	JMP	L1E3C
	LDA	#\$00
	STA	\$758B
	RTS	
L22D6	JSR	L20E8
	JSR	L1D07
	JSR	L1C32
	JSR	L1D0B
	JSR	L1D1D
	JSR	L1FA4
	JSR	L22B1
	JSR	L1D1D
	JSR	L1ECD
	JSR	L1EA3
	JSR	L1D21
	JSR	L1D43
	BIT	\$758B
	BPL	L2305
	JSR	L1D1D
	JSR	L1D43
L2305	RTS	
L2306	STX	\$A6
	STY	\$A7
	JSR	L1D07
	JSR	L1BE0
	LDA	#\$01
	JSR	L1C7B
L2315	LDY	#\$00
	LDA	(\$A6),Y

	BMI	L2333
	JSR	L1D0B
	JSR	L2345
	JSR	L1ECD
	JSR	L1D43
	JSR	L1D21
	JSR	L1D1D
	JSR	L1ECD
	JMP	L2315
L2333	JMP	L1C32
L2336	PLA	
	STA	\$A6
	PLA	
	STA	\$A7
	JSR	L2364
	JSR	L2345
	JMP	(\$00A6)
L2345	JSR	L1C04
	LDX	#\$05
	LDY	#\$00
L234C	LDA	(\$A6), Y
	STA	\$7583, X
	LDA	#\$0B
	JMP	L2E9B
L2E98	JSR	L0E57
L2E9B	CMP	#\$0F
	BCS	L2EA4
	ORA	#\$E0
	JMP	L2EAB
L2EA4	PHA	
	LDA	#\$EF
	JSR	L2C90
	PLA	
L2EAB	JSR	L2C90
	JMP	L2F13
L2EB1	LDX	\$9B
	LDA	L6FAB, X
	JSR	L2AB8
	LDY	\$70A9
	LDA	#\$FF
L2EBE	STA	\$70AC, Y
	INY	
	CPY	#\$7F
	BCC	L2EBE
	RTS	
	LDX	\$9B
	DEX	
	JMP	L2ED3
L2ECD	LDX	\$9B
	DEX	
L2ED0	JSR	L2C43
L2ED3	BPL	L2ED7
	SEC	
	RTS	
L2ED7	STX	\$9B
	LDA	L6F2C, X
	STA	\$70A9
	JSR	L2EB1
	CLC	
	RTS	
L2EE4	JSR	L5DB6
	JMP	L2EB1
	JSR	L441B
	BCC	L2EF0
	RTS	
L2EF0	JSR	L4FC0
	JSR	L2C90
	LDY	#\$00
L2EF8	LDA	\$7583, Y
	BEQ	L2F0B
L2EFD	LDA	\$7583, Y
	JSR	L2C90
	INY	
	CPY	#\$06
	BCC	L2EFD
	JMP	L2F10

L2F0B	INY	
	CPY	#\$06
	BCC	L2EF8
L2F10	JSR	L1C32
L2F13	BIT	\$764E
	BPL	L2F1D
	JSR	L2ECD
	SEC	
	RTS	
L2F1D	JSR	L2EB1
	JSR	L3FA2
	LDX	\$9B
	INX	
	CPX	#\$7D
	BCC	L2F30
	JSR	L2C43
	JMP	L5DC3
L2F30	STX	\$9B
	LDA	\$70A9
	STA	L6F2C,X
	LDA	L6E2D
	STA	L6FAB,X
	CLC	
	RTS	
L2F40	JSR	L45C8
	BCC	L2F49
	JSR	L2C43
	RTS	
L2F49	LDX	\$70A9
	JSR	L5EFF
	BCC	L2F58
	JSR	L2C43
	SEC	
	ROR	\$764E
L2F58	STX	\$70A9
	JMP	L2F13
L2F5E	JSR	L2FB5
	BCC	L2F69
	JSR	L2C43
	JMP	L5DC3
L2F69	LDA	\$95
	STA	\$760B
	LDA	\$96
	STA	\$760C
	JSR	L5E4A
	JSR	L2FA3
	JSR	L408D
	JSR	L5E57
	JSR	L2ECD
	JMP	L2EF0
	JSR	L5E2F
	JSR	L4090
	JMP	L2EF0
L2F8E	JSR	L0E57
	JSR	\$0200
	JSR	L1D07
	JSR	L2C68
	JSR	L2A87
	JSR	L1D1D
	JMP	L2EF0
L2FA3	LDY	\$9B
	LDX	L6F2B,Y
	LDA	\$70AC,X
	AND	#\$C0
	CMP	#\$80
	BNE	L2FB3
	CLC	
	RTS	
L2FB3	SEC	
	RTS	
L2FB5	JSR	L2FA3
	JMP	L5EDA
L2FBB	JSR	L2FB5
	BCC	L2FC6
	JSR	L2C43
	JMP	L5DC3

L2FC6	LDA	\$95
	STA	\$760B
	LDA	\$96
	STA	\$760C
	LDA	#\$F0
	JSR	L2EAB
	JSR	L63B9
	DB	\$2E
	DB	\$D4
	DB	\$2F
	DB	\$FF
	JSR	L2F40
	BCC	L2FE2
	RTS	
L2FE2	LDA	\$70AA
	STA	\$760D
	LDA	\$70AB
	STA	\$760E
	JSR	L472B
	BCC	L2FFF
	JSR	L2C43
	JSR	L0E57
	JSR	L2ECD
	JMP	L5DC3
L2FFF	CLC	
	RTS	
	JSR	L28ED
	LDA	\$9B
	PHA	
	JSR	L3013
	PLA	
	BCC	L3012
	TAX	
	JSR	L2ED0
	SEC	
L3012	RTS	
L3013	LDX	#\$1F
	LDY	#\$50
	JSR	L6428
	BCC	L301D
	RTS	
L301D	LDX	#\$00
	STX	\$99
	LDX	#\$E6
	LDY	#\$53
	LDA	\$769C
	JSR	L6069
	BCC	L3030
	JMP	L5DC3
L3030	STA	\$764A
	ORA	#\$C0
	JSR	L2C90
	JSR	L2F13
	JSR	L63B9
	DB	\$28
	DB	\$41
	DB	\$30
	DB	\$FF
	CLC	
	RTS	
L3044	JSR	L311D
L3047	JSR	L4EA6
	JSR	L3056
	JSR	L5E0E
	JSR	L29D3
	JMP	L3047
L3056	JSR	L0DF0
	LDA	L6E11
	BEQ	L306C
	JSR	L2A87
	LDA	L6E11
	LDX	#\$00
	STX	L6E11
	JMP	L379D
L306C	BIT	L6E0D
	BPL	L3077
	JSR	L5BDA
	JMP	L308D

```

L3077  BIT  L6E0E
      BPL  L3082
      JSR  L43AC
      JSR  L3968
L3082  BIT  L6E0F
      BPL  L308D
      JSR  L399A
      JSR  L5E0E
L308D  JSR  L08E4
      LDA  #$00
      JSR  L63B6
      DB  $80
      DB  $1F
      DB  $32
      DB  $81
      DB  $8C
      DB  $32
      DB  $22
      DB  $8C
      DB  $32
      DB  $1B
      DB  $CE
      DB  $30
      DB  $20
      DB  $C3
      DB  $39
      DB  $82
      DB  $8F
      DB  $2B
      DB  $FD
      DB  $2B
      DB  $8F
      DB  $2B
      DB  $FD
      DB  $2D
      DB  $8F
      DB  $2B
      DB  $FD
      DB  $2E
      DB  $8F
      DB  $2B
      DB  $FD
      DB  $40
      DB  $8F
      DB  $2B
      DB  $FD
      DB  $28
      DB  $8F
      DB  $2B
      DB  $21
      DB  $AB
      DB  $43
      DB  $3E
      DB  $A0
      DB  $31
      DB  $2F
      DB  $CF
      DB  $30
      DB  $0D
      DB  $CE
      DB  $30
      DB  $3B
      DB  $E6
      DB  $61
      DB  $FE
      RTS

      LDA  #$04
      JSR  L63B6
      DB  $2F
      DB  $CF
      DB  $30
      DB  $2D
      DB  $85
      DB  $32
      DB  $42
      DB  $08
      DB  $31
      DB  $43
      DB  $3F
      DB  $31
      DB  $44
      DB  $DE

```

	DB	\$54
	DB	\$46
	DB	\$4A
	DB	\$31
	DB	\$47
	DB	\$C4
	DB	\$31
	DB	\$49
	DB	\$29
	DB	\$55
	DB	\$4D
	DB	\$8A
	DB	\$54
	DB	\$50
	DB	\$B7
	DB	\$58
	DB	\$52
	DB	\$34
	DB	\$56
	DB	\$53
	DB	\$56
	DB	\$5B
	DB	\$45
	DB	\$B3
	DB	\$0B
	DB	\$54
	DB	\$76
	DB	\$62
	DB	\$56
	DB	\$1C
	DB	\$31
	DB	\$58
	DB	\$F9
	DB	\$32
	DB	\$57
	DB	\$AA
	DB	\$60
	DB	\$FE
	JSR	L2A87
	LDA	#\$80
	STA	L65FF
	LDA	#\$2A
	JSR	L63B6
	DB	\$80
	DB	\$BF
	DB	\$32
	DB	\$0D
	DB	\$BF
	DB	\$32
	DB	\$FE
L311D	JSR	L2A87
	LDX	#\$A2
	LDY	#\$65
	JSR	L2919
	SEC	
	ROR	L6E24
	SEC	
	ROR	L6E24
	LDX	#\$22
	LDY	#\$08
	JSR	L2919
	LDA	#\$2D
	JSR	L63B6
	DB	\$FF
	JSR	L2A87
	RTS	
	LDA	#\$2C
	LDX	#\$2B
	JSR	L63E0
	DB	\$59
	DB	\$4E
	DB	\$5A
	DB	\$FE
	JSR	L3163
	STA	L6E0A
	JMP	L4C49
	JSR	L3163
	CMP	#\$00
	BEQ	L3160
	STA	\$94
L3160	JSR	L399A
	JMP	L5E0E
L3163	LDA	#\$29
	JSR	L4EB8
	JSR	L0F8E

	JSR	L0E57
	LDX	#\$06
L3170	CMP	L319A,X
	BNE	L3177
	TXA	
	RTS	
L3177	DEX	
	BPL	L3170
	PLA	
	PLA	
	JMP	L5DC3
L317F	PHA	
	LDA	L6E12
	CMP	#\$02
	BNE	L318C
	JSR	L2905
	DCI	' '80
L318C	JSR	L2905
	DCI	'/F'80
	PLA	
	TAX	
	LDA	L319A,X
	JMP	L28ED
L319A	ASC	'D\$I*GRL'
L31A1	LDA	#\$09
	JSR	L4EB8
	JSR	L45A6
	BCC	L31B1
	JSR	L5E2F
	JMP	L3280
L31B1	JSR	L5E0E
	JSR	L39FD
	LDA	\$70AA
	STA	\$95
	LDA	\$70AB
	STA	\$0096
	JMP	L5E11
	LDA	#\$0D
	JSR	L63B6
	DB	\$43
	DB	\$D6
	DB	\$31
	DB	\$52
	DB	\$08
	DB	\$32
	DB	\$4F
	DB	\$ED
	DB	\$31
	DB	\$46
	DB	\$53
	DB	\$31
	DB	\$FE
	LDA	#\$0E
	JSR	L4EB8
	JSR	L43F0
	BCS	L31EB
	CMP	#\$03
	BCC	L31EB
	JSR	L6233
	JMP	L3968
L31EB	JMP	L5DC3
	LDA	#\$0F
	JSR	L63B6
	DB	\$52
	DB	\$F9
	DB	\$31
	DB	\$43
	DB	\$FD
	DB	\$31
	DB	\$FE
	LDA	#\$52
	BNE	L3200
	LDA	#\$43
L3200	STA	L6E0B
	JSR	L39CA
	JMP	L43A6
	LDA	#\$10
	JSR	L63B6
	DB	\$41
	DB	\$14
	DB	\$32

	DB	\$4D
	DB	\$1A
	DB	\$32
	DB	\$FE
	JSR	L43AC
	CLC	
	BCC	L321C
	SEC	
L321C	ROR	L6E0C
	RTS	
	JSR	L39FD
	JSR	L3229
	JMP	L5E11
L3229	JSR	L63B9
	DB	\$08
	DB	\$32
	DB	\$32
	DB	\$15
	DB	\$62
	DB	\$32
	DB	\$FE
	LDX	#\$00
	BIT	\$93
	BMI	L323B
	LDX	#\$01
L323B	LDA	\$95,X
	CMP	\$81,X
	BNE	L324D
	TAY	
	LDA	L6E06,X
	CMP	\$81,X
	BCC	L324C
	JMP	L3280
L324C	TYA	
L324D	SEC	
	SBC	#\$01
	BNE	L3255
	JMP	L3280
L3255	CMP	\$7F,X
	BCC	L325B
	BNE	L325E
L325B	JMP	L3280
L325E	STA	\$95,X
	JMP	L2B11
	LDX	#\$00
	BIT	\$93
	BMI	L326B
	LDX	#\$01
L326B	CLC	
	LDA	\$95,X
	ADC	#\$01
	CMP	L5022,X
	BCC	L327B
	JMP	L3280
	JMP	L327D
L327B	STA	\$95,X
L327D	JMP	L2B11
L3280	JSR	L0867
	JMP	L2B11
	LDX	#\$90
	LDA	#\$02
	JMP	L3291
	LDX	#\$80
	LDA	#\$01
L3291	STX	L65FF
	JSR	L4EB8
	JSR	L5E8A
	JSR	L2AB2
	LDA	#\$05
	LDX	L6E16
	CPX	#\$FF
	BEQ	L32AB
	JSR	L2B00
	LDA	#\$03
L32AB	JSR	L2AF4
	JSR	L4E4A
	BCC	L32B9
	JSR	L3A22


```

        JMP     L5E0E
L32B9  JSR     L63B9
        DB     $0D
        DB     $BF
        DB     $32
        DB     $FF
L32C0  LDA     $714C
        PHA
        JSR     L4BB9
        LDA     L6E2D
        BEQ     L32E6
        LDA     L65FF
        STA     $714C
        LDX     #$01
        LDY     #$00
L32D6  CPY     L6E2D
        BEQ     L32E6
        LDA     L6E2E,X
        STA     $714C,X
        INX
        INY
        JMP     L32D6
L32E6  JSR     L4C49
        PLA
        PHP
        BMI     L32F0
        JSR     L43A6
L32F0  PLP
        RTS
L32F2  LDA     #$80
        STA     L65FF
        JMP     L32C0
        LDA     #$36
        JSR     L63B6
        DB     $3E
        DB     $0E
        DB     $33
        DB     $56
        DB     $22
        DB     $33
        DB     $48
        DB     $30
        DB     $33
        DB     $21
        DB     $27
        DB     $33
        DB     $2D
        DB     $2B
        DB     $33
        DB     $FE
        JSR     L31A1
L3314  LDX     #$01
        LDA     $95,X
        STA     $77,X
        DEC     $77,X
        DEX
        BPL     L3314
        JSR     L5E11
        JMP     L3968
        LDA     #$01
        JMP     L3333
        LDA     #$80
        BNE     L332E
        LDA     #$00
L332E  JMP     L39C8
L3333  LDA     #$00
        PHA
        LDA     #$03
        JSR     L60EC
        JSR     L43F0
        TAY
        PLA
        TAX
        TYA
        BCS     L336C
        CPX     #$00
        BNE     L3355
        CMP     #$15
        BCC     L334C
        BNE     L336C
L334C  CMP     #$02

```

	BCC	L336C
	STA	\$73,X
	JMP	L3366
L3355	CMP	#\$22
	BCC	L335B
	BNE	L336C
L335B	CMP	#\$06
	BCC	L336C
	STA	\$0088
	LDA	#\$02
	STA	\$73,X
L3366	INC	L6E06,X
	JSR	L6114
L336C	RTS	
	TSX	
	STX	L68FF
	JSR	L4EA6
	LDA	#\$15
	JSR	L63B6
	DB	\$4C
	DB	\$7F
	DB	\$33
	DB	\$53
	DB	\$2C
	DB	\$35
	DB	\$FE
	LDA	#\$16
	JSR	L4EA8
	LDX	#\$19
	JSR	L36D6
	BCC	L338F
	JMP	L37A2
L338F	JSR	L5501
	BCC	L33A1
	JSR	L08B9
	JSR	L15DA
	PHP	
	JSR	L08BD
	PLP	
	SEC	
	RTS	
L33A1	JSR	L105D
	LDA	#\$00
	STA	\$95
	STA	\$0096
L33AB	JSR	L2A87
	JSR	L4E4A
	BCC	L33B6
	JSR	L3435
L33B6	LDX	#\$1B
	LDY	#\$35
	LDA	#\$00
	JSR	L6069
	BCS	L33E1
	BNE	L33E1
	CMP	#\$00
	BEQ	L33E7
	CMP	#\$01
	BNE	L33D4
	LDA	\$761C
	JSR	L3504
	JMP	L33AB
L33D4	CMP	#\$02
	BNE	L33E1
	LDA	\$761D
	JSR	L3504
	JMP	L33AB
L33E1	JSR	L34DB
	JMP	L33AB
L33E7	JSR	L34DB
	LDX	#\$01
L33EC	CLC	
	LDA	L6E06,X
	ADC	\$95,X
	STA	\$95,X
	DEC	\$95,X
	DEX	
	BPL	L33EC
	JSR	L48F8
	BCC	L3401
	JSR	L3435

L3401	LDX	\$761D
	LDA	L6E06, X
	STA	\$95, X
	JSR	L34E1
L340C	JSR	L0E51
	CMP	#\$42
	BNE	L342B
	JSR	L34E1
	LDX	\$761C
	LDA	L6E06, X
	STA	\$95, X
	JSR	L343B
	JSR	L34E1
	LDX	\$761D
	INC	\$95, X
	BNE	L340C
L342B	LDX	L68FF
	TXS	
	JSR	L43A6
	JMP	L0DAF
L3435	JSR	L0D9B
	JMP	L342B
L343B	JSR	L4B69
	JSR	L34C1
	CMP	#\$FF
	BNE	L3446
	RTS	
L3446	JSR	L3454
	LDX	\$761C
	INC	\$95, X
	JSR	L34E1
	JMP	L343B
L3454	CMP	#\$01
	BNE	L3483
	JSR	L34E1
	JSR	L2A87
	JSR	L0F8E
	CMP	#\$22
	BNE	L3468
	JSR	L0E57
L3468	JSR	L4E4A
	LDX	L6E2D
	BEQ	L347A
	LDA	L6E2D, X
	CMP	#\$22
	BNE	L347A
	JSR	L297C
L347A	JSR	L32F2
	BCC	L3482
	JSR	L3435
L3482	RTS	
L3483	JSR	L1BFE
	JSR	L441B
	BCC	L348E
	JSR	L3435
L348E	JSR	L34E1
	JSR	L34A2
	BCC	L3499
	JSR	L3435
L3499	JSR	L2CF0
	BCC	L34A1
	JSR	L3435
L34A1	RTS	
L34A2	JSR	L63B9
	DB	\$56
	DB	\$BF
	DB	\$34
	DB	\$\$\$
	JSR	L1C32
	JSR	L63B9
	DB	\$45
	DB	\$4E
	DB	\$03
	DB	\$4E
	DB	\$4A
	DB	\$03
	DB	\$54
	DB	\$\$\$A
	DB	\$21
	DB	\$46
	DB	\$\$\$AD
	DB	\$21

```

DB    $FF
JSR   $034F
SEC
RTS

L34C1 JSR   L2A87
      JSR   L34F1
      JSR   L441B
      BCC   L34CF
      JSR   L3435
L34CF JSR   L34F1
      JSR   L1C9C
      BCC   L34DA
      JSR   L3435
L34DA RTS

L34DB JSR   L34E1
L34DE JSR   L34E1
L34E1 JSR   L63B9
      DB    $1B
      DB    $34
      DB    $34
      DB    $0D
      DB    $BC
      DB    $5D
      DB    $FF
      JSR   L0E57
      JMP   L34E1

L34F1 JSR   L0F8E
      CMP   #$20
      BEQ   L34FA
      CMP   #$2C
L34FA BEQ   L34FE
      CLC
      RTS

L34FE JSR   L0E57
      JMP   L34F1

L3504 PHA
      JSR   L34E1
      JSR   L34C1
      JSR   L44BE
      BCC   L3513
      JSR   L3435
L3513 TAY
      PLA
      TAX
      STY   $95,X
      JMP   L34DE

      DCI   'DATA'
      DCI   'VECTORS'
      DCI   'TUPLES'
      DB    $FF
      LDA   #$17
      JSR   L4EA8
      LDX   #$1C
      JSR   L370C
      BCC   L353C
      JMP   L37A2

L353C LDA   #$18
      JSR   L5A0F
      BCC   L3546
      JMP   L35FB

L3546 JSR   L5501
      BCC   L354E
      JMP   L35FB

L354E LDA   #$07
      JSR   L2892
      JSR   L2905
      DCI   'TABLE'0D'0,1'0D''''0D'VECTORS'0D'0,'80
      LDX   $761C
      JSR   L35FE
      JSR   L2905
      DCI   0D''''0D'TUPLES'0D'0,'80
      LDX   $761D
      JSR   L35FE
      JSR   L2905
      DCI   0D''''0D'DATA'0D'0,0'0D''''0D80
      LDA   L6E06
      STA   $95
      LDA   L6E07
      STA   |$0096

```

```

L35AA JSR L2905
      DCI '-1,0'0D80
      LDX $761D
      LDA $760D,X
      CMP $95,X
      BCC L35F3
      LDX $761C
      LDA L6E06,X
      STA $95,X
      JSR L2905
      DCI 'BOT'0D80
L35CD JSR L0E0C
      BIT L68F1
      BPL L35D8
      JMP L35FB
L35D8 LDX $761C
      LDA $760D,X
      CMP $95,X
      BCC L35EC
      JSR L360A
      LDX $761C
      INC $95,X
      BNE L35CD
L35EC LDX $761D
      INC $95,X
      BNE L35AA
L35F3 JSR L2905
      DCI 'EOD'0D80
L35FB JMP L5CEA
L35FE LDA $760D,X
      SEC
      SBC $95,X
      CLC
      ADC #$01
      JMP L3C05
L360A JSR L4B69
      BIT $714C
      BPL L3625
      JSR L2905
      DCI '1,0'0D'''80
      JSR L3A41
      JSR L2905
      DCI '''0D80
      RTS
L3625 JSR L2905
      DCI '0,'80
      JSR L4090
      LDA $7588
      CMP #$70
      BCC L3663
      LDY #$03
L3637 CMP L3674,Y
      BEQ L363F
      DEY
      BNE L3637
L363F LDA L3678,Y
      PHA
      CMP #$16
      BNE L3650
      JSR L2905
      DCI '1'0D80
      JMP L3656
L3650 JSR L2905
      DCI '0'0D80
L3656 PLA
      JSR L3F36
      JSR L1C32
      JSR L2905
      DCI 0D80
      RTS
L3663 LDA #$C0
      LDX #$04
      LDY #$14
      JSR L3C11
      JSR L2905
      DCI 0D'V'0D80
      RTS
L3674 HEX 72737471
L3678 HEX 01161700
      LDA #$13
      JSR L4EA8

```

	LDA	#\$14
	JSR	L4EB8
	JSR	L2A87
	JSR	L2905
	DCI	',S'80
	JSR	L08B9
	JSR	L17D9
	PHP	
	JSR	L08BD
	PLP	
	LSR	
	LSR	
	LSR	
	JSR	L3C05
	JSR	L2905
	DCI	',D'80
	JSR	L08B9
	JSR	L17DE
	PHP	
	JSR	L08BD
	PLP	
	JSR	L3C05
	JSR	L4E87
	BCC	L36BB
	RTS	
L36BB	BIT	L68F1
	BPL	L36C1
	RTS	
L36C1	LDX	#\$2E
	LDY	#\$6E
	JSR	L08B9
	JSR	L16BB
	PHP	
	JSR	L08BD
	PLP	
	BCC	L36D5
	JMP	L379D
L36D5	RTS	
L36D6	LDA	#\$80
	JMP	L370E
L36DB	LDA	#\$A0
	JMP	L370E
L36E0	LDA	#\$40
	STA	\$7654
	JSR	L2A87
	JSR	L2905
	DCI	',SF'80
	JMP	L372F
L36F2	TXA	
	JSR	L4EB8
	JSR	L2AB2
	LDA	#\$05
	JSR	L2892
	JSR	L2905
	DCI	',S'80
	LDA	#\$40
	STA	\$7654
	JMP	L3718
L370C	LDA	#\$40
L370E	STA	\$7654
	TXA	
	JSR	L4EB8
	JSR	L2AB2
L3718	JSR	L4E4A
	BCC	L3720
	LDA	#\$03
	RTS	
L3720	LDA	L68E9
	PHA	
	JSR	L0E57
	PLA	
	CMP	#\$08
	BNE	L372F
	JMP	L3718
L372F	JSR	L38D4
	LDA	\$7654
	CMP	#\$40
	BNE	L3748

	STA	\$7659
	JSR	L3775
	BCC	L3742
	RTS	
L3742	LDA	\$7659
	STA	\$7654
L3748	LDX	#\$2E
	LDY	#\$6E
	JSR	L08B9
	JSR	L1119
	PHP	
	JSR	L08BD
	PLP	
	BCS	L375A
	RTS	
L375A	CMP	#\$10
	BNE	L3773
	LDX	#\$E9
	LDY	#\$37
	LDA	\$7654
	JSR	L08B9
	JSR	L12C0
	PHP	
	JSR	L08BD
	PLP	
	BCS	L3773
	RTS	
L3773	SEC	
	RTS	
L3775	LDX	#\$2E
	LDY	#\$6E
	JSR	L08B9
	JSR	L10FE
	PHP	
	JSR	L08BD
	PLP	
	BCC	L3788
	CLC	
	RTS	
L3788	LDA	#\$1F
	JSR	L63B6
	DB	\$59
	DB	\$9A
	DB	\$37
	DB	\$FF
	JSR	L0E57
	JSR	L5DC3
	LDA	#\$03
	SEC	
	RTS	
	CLC	
	RTS	
L379D	PHA	
	JSR	L5CE4
	PLA	
L37A2	CMP	#\$03
	BNE	L37A7
	RTS	
L37A7	TAX	
	LDA	\$00A9
	PHA	
	LDA	\$00A8
	PHA	
	TXA	
	PHA	
	LDA	#\$05
	JSR	L2892
	JSR	L2905
	DCI	' '80
	SEC	
	ROR	L6E23
	JSR	L2905
	DCI	'ERROR: '80
	PLA	
	LDX	#\$D8
	LDY	#\$38
	JSR	L2935
	PLA	
	STA	\$00A8
	PLA	

	STA	\$00A9
	JSR	L0DAF
	JSR	L5DC3
	JSR	L0F8E
	JSR	L2A87
	SEC	
	RTS	
	STX	\$AA
	STY	\$00AB
	JSR	L2A87
L37F3	LDY	#\$27
	LDA	(\$AA),Y
	CMP	#\$20
	BNE	L37FC
	DEY	
L37FC	BNE	L37F3
	INY	
	STY	\$7653
	LDY	#\$00
L3802	LDA	(\$AA),Y
	JSR	L28ED
	INY	
	CPY	\$7653
	BCC	L3802
	JSR	L63B9
	DB	\$15
	DB	\$35
	DB	\$38
	DB	\$08
	DB	\$35
	DB	\$38
	DB	\$FF
	BIT	L68F1
	BPL	L3820
	LDA	#\$02
	SEC	
	RTS	
L3820	JSR	L3718
	BCC	L3833
	CMP	#\$03
	BNE	L382E
	LDA	#\$02
	JMP	L3831
L382E	TAX	
	LDA	#\$03
L3831	SEC	
	RTS	
L3833	LDA	#\$04
	RTS	
	LDA	#\$05
	SEC	
	RTS	
L383A	STA	\$7657
	JSR	L0E0C
	BIT	\$7655
	BPL	L384B
	JSR	L3869
	LDA	\$7657
L384B	JSR	L08B9
	JSR	L14FF
	PHP	
	JSR	L08BD
	PLP	
	BCC	L3865
	JSR	L379D
	SEC	
	ROR	L68F1
	LDA	#\$04
	JSR	L2892
	SEC	
L3865	LDA	\$7657
	RTS	
L3869	CMP	#\$20
	BNE	L3874
	INC	\$7656
	PLA	
	PLA	
	CLC	
	RTS	
L3874	CMP	#\$0D

	BEQ	L3883
	JSR	L389E
	BCC	L3880
	PLA	
	PLA	
	RTS	
L3880	JMP	L3898
L3883	BIT	\$7658
	BMI	L3895
	LDA	#\$01
	STA	\$7656
	JSR	L389E
	BCC	L3895
	PLA	
	PLA	
	RTS	
L3895	LSR	\$7658
L3898	LDA	#\$00
	STA	\$7656
	RTS	
L389E	SEC	
	ROR	\$7658
	LSR	\$7655
	CLC	
	LDA	\$7656
	BEQ	L38BF
L38AB	LDA	\$7657
	PHA	
	LDA	#\$20
	JSR	L383A
	PLA	
	STA	\$7657
	BCS	L38BF
	DEC	\$7656
	BNE	L38AB
L38BF	PHP	
	ASL	\$7655
	PLP	
	RTS	
L38C5	PHP	
	SEC	
	ROR	\$7655
	LSR	\$7658
	LDA	#\$00
	STA	\$7656
	PLP	
	RTS	
L38D4	LSR	\$7655
	RTS	
	DB	\$07
	DB	\$F6
	DB	\$38
	DB	\$12
	DB	\$06
	DB	\$39
	DB	\$01
	DB	\$14
	DB	\$39
	DB	\$04
	DB	\$1E
	DB	\$39
	DB	\$0C
	DB	\$31
	DB	\$39
	DB	\$0E
	DB	\$36
	DB	\$39
	DB	\$05
	DB	\$46
	DB	\$39
	DB	\$0B
	DB	\$50
	DB	\$39
	DB	\$06
	DB	\$5C
	DB	\$39
	DB	\$FF
	DB	\$64
	DB	\$39
DCI		'Bad name syntax'80
DCI		'Name too long'80
DCI		'Not found'80

```

DCI 'File type mismatch'80
DCI 'Read'80
DCI 'Write protected'80
DCI 'Disk full'80
DCI 'File locked'80
DCI 'Too big'80
DCI 'I/O'80
L3968 JSR L396E
      JMP L5E0E

L396E JSR L4EA6
      JSR L4EA0
      JSR L4EAC
      JSR L5DD2
      JSR L08F0
      JSR L3B7D
      JSR L39CA
      LSR L6E0E
L3986 JSR L399A
      LDA L6E01
      BEQ L3997
      JSR L6217
      JSR L399A
      JSR L6217
L3997 JMP L5E2F

L399A LSR L6E0F
      JSR L5DD2
      JSR L5E4A
      LDY #$00
      STY $73
L39A7 LDY #$00
      STY $74
L39AB JSR L3A09
      INC $74
      LDA $74
      CMP $7A
      BCC L39AB
      INC $73
      LDA $73
      CMP $79
      BCC L39A7
      JSR L5E57
      JMP L5E8A

L39C4 LDA $93
      EOR #$80
L39C8 STA $93
L39CA LDA #$21
      BIT $93
      BMI L39D2
      LDA #$2D
L39D2 LDX #$27
      LDY #$00
      JSR L0A78
      LDA L6E0B
      LDX #$26
      LDY #$00
      JSR L0A78
      JMP L4F0F

L39E6 JSR L5E8A
      BCS L39EE
      JSR L3A22
L39EE LDA L6E01
      BEQ L39FC
      JSR L6217
      JSR L3A22
      JSR L6217
L39FC RTS

L39FD LDA L6E0A
      PHA
      JSR L3A09
      PLA
      STA L6E0A
      RTS

L3A09 JSR L5DE2
      BCC L3A22
      LDA L6E12
      PHA
      JSR L5EC0
      LDA #$00
      JSR L2892
      JSR L2AF7
      PLA
      JSR L286F

```

```

RTS
L3A22 BIT L6E0E
      BPL L3A28
      RTS
L3A28 JSR L5E8A
      BCC L3A2E
      RTS
L3A2E LDA L6E12
      PHA
      LDA #$00
      JSR L2892
      JSR L3A3E
      PLA
      JMP L286F
L3A3E JSR L2AF7
L3A41 JSR L1BFE
      JSR L4B69
      JSR L5DD2
      LDA $96
      BEQ L3A50
      LDA $95
L3A50 ORA $6C
      BNE L3A57
      JMP L3ADF
L3A57 LDA $714C
      BMI L3A89
      JSR L1C04
      LDY #$01
      LDA $714C,Y
      BMI L3A7D
      JSR L4FE7
      LDX #$05
      INY
L3A6C LDA $714C,Y
      PHP
      AND #$7F
      STA $7583,X
      DEX
      INY
      PLP
      BPL L3A6C
      STY $714B
L3A7D LDX L6E0A
      JSR L5DC8
      DEY
      LDA #$00
      JMP L3C11
L3A89 CMP #$F0
      BEQ L3ACC
      CMP #$80
      BNE L3AB0
      LDA L6E0A
      BNE L3A98
      LDA $94
L3A98 CMP #$05
      BNE L3AAD
      LDX #$00
L3A9E INX
      LDA $714C,X
      CMP #$FF
      BNE L3A9E
      TXA
      SEC
      SBC #$01
      JSR L2966
L3AAD JMP L3ACD
L3AB0 CMP #$90
      BNE L3AC9
      BIT L6E22
      BMI L3ABC
      JMP L3ACD
L3ABC LDA $714D
      CMP #$FF
      BEQ L3AC8
L3AC3 JSR L3ACD
      BEQ L3AC3
L3AC8 RTS
L3AC9 JSR L5DBE
L3ACC RTS

```

L3ACD	LDX	#\$01
L3ACF	LDA	\$714C,X
	INX	
	CMP	#\$FF
	BNE	L3AD9
	CLC	
	RTS	
L3AD9	JSR	L28ED
	BCC	L3ACF
	RTS	
L3ADF	JSR	L2A24
	JMP	L3AE5
L3AE5	LDA	\$96
	BEQ	L3B22
	LDA	\$95
	BNE	L3AFA
	BIT	L6E22
	BPL	L3AFA
	LDA	L6E15
	LSR	
	TAY	
	JSR	L2970
L3AFA	LDY	#\$00
	LDA	\$96
	LDX	#\$1A
	STX	\$97
	LDX	#\$FF
L3B04	INX	
	SEC	
	SBC	\$97
	BPL	L3B04
	ADC	\$97
	CMP	#\$00
	BNE	L3B13
	DEX	
	LDA	#\$1A
L3B13	PHA	
	TXA	
	BEQ	L3B1C
	ORA	#\$40
	JSR	L28ED
L3B1C	PLA	
	ORA	#\$40
	JSR	L28ED
L3B22	LDA	\$95
	BEQ	L3B38
	JSR	L1C7B
	LDA	#\$80
	LDX	\$96
	BEQ	L3B31
	LDA	#\$C0
L3B31	LDX	#\$02
	LDY	#\$03
	JSR	L3C11
L3B38	RTS	
L3B39	JSR	L5DD2
	LDX	#\$01
L3B3E	LDA	L6E29,X
	CMP	\$95,X
	BNE	L3B49
	DEX	
	BPL	L3B3E
	RTS	
L3B49	LDA	\$95
	STA	L6E29
	LDA	\$96
	STA	L6E2A
	LDA	L6E12
	PHA	
	LDA	#\$02
	JSR	L2892
	JSR	L3AE5
	JSR	L3B83
	PLA	
	JMP	L286F
L3B66	JSR	L5DD2
	LDA	L6E12
	PHA	
	LDA	#\$05
	JSR	L2892
	JSR	L3B83

	PLA	
	JSR	L286F
	LDA	\$714C
	RTS	
L3B7D	LDA	#\$41
	STA	L6E2A
	RTS	
L3B83	LDA	L6E12
	CMP	#\$05
	BEQ	L3B9E
	LDA	L6E0A
	BEQ	L3B92
	JSR	L317F
L3B92	LDA	L6E12
	CMP	#\$02
	BNE	L3B9E
	LDA	#\$20
	JSR	L28ED
L3B9E	LDA	\$714C
	BMI	L3BA6
	JMP	L3BEF
L3BA6	CMP	#\$80
	BNE	L3BC9
	LDA	L6E12
	CMP	#\$05
	BEQ	L3BC6
	CMP	#\$02
	BNE	L3BC1
	JSR	L2905
	DCI	' (L) '80
	JMP	L3BC6
L3BC1	JSR	L2905
	DCI	'''80
L3BC6	JMP	L3ACD
L3BC9	CMP	#\$90
	BNE	L3BEE
	LDA	L6E12
	CMP	#\$05
	BEQ	L3BEB
	CMP	#\$02
	BNE	L3BE5
	JSR	L2905
	DCI	' (/ -) '80
	JMP	L3BEB
L3BE5	JSR	L2905
	DCI	' / - '80
L3BEB	JMP	L3ACD
L3BEE	RTS	
L3BEF	LDA	L6E12
	CMP	#\$02
	BNE	L3BFF
	JSR	L2905
	DCI	' (V) '80
L3BFF	JSR	L4BC9
	JMP	L3F62
L3C05	JSR	L1C7B
	LDA	#\$C0
	LDX	#\$02
	LDY	#\$03
	JMP	L3C11
L3C11	JSR	L3C17
	JMP	L1C32
L3C17	STX	\$762B
	STY	\$762C
	STA	\$762D
	JSR	L5DD2
	JSR	L44D0
	JSR	L4552
	BIT	L6E22
	BPL	L3C38
	BIT	\$762D
	BMI	L3C38
	LDA	#\$20
	JSR	L28ED
L3C38	LDA	\$762B
	BNE	L3C42
	LDA	\$94
	STA	\$762B

L3C42	CMP	#\$06
	BNE	L3C4E
	LDA	\$762D
	ORA	#\$40
	STA	\$762D
L3C4E	LDA	\$7588
	CMP	#\$70
	BCC	L3C8D
	BIT	L6E22
	BMI	L3C5F
	JSR	L2905
	DCI	'@'80
L3C5F	LDA	\$7588
	TAX	
	LDA	#\$01
	LDY	#\$06
	CPX	#\$71
	BNE	L3C6F
	LDA	#\$00
	LDY	#\$03
L3C6F	CPX	#\$73
	BNE	L3C77
	LDA	#\$16
	LDY	#\$05
L3C77	CPX	#\$74
	BNE	L3C7F
	LDA	#\$17
	LDY	#\$06
L3C7F	BIT	\$762D
	BVS	L3C8A
	PHA	
	TYA	
	JSR	L2966
	PLA	
L3C8A	JMP	L3F36
L3C8D	LDA	\$762B
	CMP	#\$03
	BNE	L3C97
	JMP	L3F11
L3C97	LDY	#\$0C
L3C99	LDA	\$762D, Y
	BNE	L3CA1
	DEY	
	BNE	L3C99
L3CA1	STY	\$7644
	DEY	
	BPL	L3CAA
	INC	\$763A
L3CAA	BIT	\$758B
	BPL	L3CB4
	LDA	#\$FF
	STA	\$763E
L3CB4	LDX	#\$FE
	LDA	\$763A
	STA	\$7647
	BPL	L3CC4
	DEX	
	EOR	#\$FF
	CLC	
	ADC	#\$03
L3CC4	STA	\$7646
	DEC	\$7646
	CMP	#\$0B
	BCC	L3CCF
	DEX	
L3CCF	TXA	
	CLC	
	ADC	\$762C
	STA	\$7648
L3CD7	LDA	\$763A
	BMI	L3CE1
	STA	\$763F
	LDA	#\$00
L3CE1	STA	\$7640
	LDA	\$762B
	CMP	#\$01
	BNE	L3CF0
	LDA	#\$02
	SEC	
	BCS	L3D01
L3CF0	CMP	#\$02
	BNE	L3CF9
	LDA	#\$00
	SEC	
	BCS	L3D01
L3CF9	SEC	

	LDA	\$7644
	SBC	\$763A
	CLC	
L3D01	BPL	L3D05
	LDA	#\$00
L3D05	ROR	\$7643
	STA	\$7642
	CMP	#\$01
	BCC	L3D14
	LDX	#\$FF
	STX	\$7641
L3D14	LDA	\$762C
	CLC	
	ADC	\$763E
	SEC	
	SBC	\$763F
	BPL	L3D24
	JMP	L3EC2
L3D24	BNE	L3D39
	BIT	\$7643
	BPL	L3D33
	BIT	\$7641
	BPL	L3D33
	JMP	L3F0C
L3D33	STA	\$7641
	STA	\$7642
L3D39	CLC	
	ADC	\$7641
	TAX	
	BIT	\$7643
	BMI	L3D6E
	CLC	
	ADC	\$7640
	BPL	L3D4C
	JMP	L3EC2
L3D4C	STA	\$99
	BIT	\$7645
	BMI	L3D6E
	BIT	\$7640
	BPL	L3D6E
	CMP	\$7644
	BCS	L3D6E
	LDA	\$7648
	CLC	
	ADC	\$763E
	SEC	
	SBC	#\$01
	CMP	\$99
	BCC	L3D6E
	JMP	L3EC2
L3D6E	TXA	
	CMP	\$7642
	BCS	L3D7F
	BIT	\$7643
	BPL	L3D7C
	JMP	L3F0C
L3D7C	STA	\$7642
L3D7F	SEC	
	SBC	\$7642
	BPL	L3D88
	JMP	L3F0C
L3D88	LSR	\$7649
	BIT	\$7643
	BPL	L3D9F
	LDX	\$763F
	BNE	L3D9F
	TAX	
	BEQ	L3D9F
	SEC	
	ROR	\$7649
	SEC	
	SBC	#\$01
L3D9F	BIT	\$762D
	BVS	L3DA7
	STA	\$763D
L3DA7	CLC	
	LDA	\$763F
	ADC	\$7642
	CLC	
	ADC	\$7640
	CMP	#\$0C
	BCS	L3E07

	PHA	
	TAX	
	LDA	#\$00
L3DBA	INX	
	CPX	#\$0C
	BCS	L3DC4
	STA	\$762E,X
	BCC	L3DBA
L3DC4	PLA	
	PHA	
	TAX	
	LDA	#\$05
	CLC	
L3DCA	ADC	\$762E,X
	CMP	#\$0A
	PHP	
	BCC	L3DD4
	SBC	#\$0A
L3DD4	STA	\$762E,X
	LDA	#\$00
	PLP	
	DEX	
	BPL	L3DCA
	PLA	
	TAX	
	LDA	#\$00
	STA	\$762E,X
	BCC	L3E07
	LDX	#\$0A
L3DE8	LDA	\$762E,X
	STA	\$762F,X
	DEX	
	BPL	L3DE8
	LDA	#\$01
	STA	\$762E
	INC	\$763A
	BIT	\$7645
	BPL	L3E04
	INC	\$7644
	JMP	L3CD7
L3E04	JMP	L3C97
L3E07	LDA	#\$00
	STA	\$763B
	LDA	#\$20
L3E0E	DEC	\$763D
	BMI	L3E19
	JSR	L28ED
	JMP	L3E0E
L3E19	BIT	\$763E
	BPL	L3E2A
	LDA	#\$2D
	LDX	\$762E
	BNE	L3E27
	LDA	#\$30
L3E27	JSR	L28ED
L3E2A	BIT	\$7649
	BPL	L3E34
	LDA	#\$30
	JSR	L28ED
L3E34	LDY	\$763F
	JSR	L3EA0
	BIT	\$7641
	BPL	L3E44
	LDA	#\$2E
	JSR	L28ED
L3E44	LDA	#\$00
L3E46	INC	\$7640
	BMI	L3E4D
	BNE	L3E56
L3E4D	JSR	L295B
	DEC	\$7642
	JMP	L3E46
L3E56	LDY	\$7642
	JSR	L3EA0
	BIT	L6E22
	BPL	L3E9F
	LDX	#\$00
	JSR	L5DC8
	STY	\$67
L3E68	DEY	
	BMI	L3E7F
	LDA	L65C7+2,Y
	CMP	#\$30
	BEQ	L3E68
	CMP	#\$2E

	BEQ	L3E68
	CMP	#\$2D
	BNE	L3E7F
	LDA	#\$20
L3E7F	STA	L65C7+2,Y
	AND	#\$7F
	CMP	#\$20
	BNE	L3E9F
	INY	
	LDA	L65C7+2,Y
	CMP	#\$30
	BNE	L3E9F
	INY	
	CPY	\$67
	BCS	L3E9F
	LDA	L65C7+2,Y
	CMP	#\$30
	BNE	L3E9F
	DEY	
	LDA	#\$20
L3E9F	STA	L65C7+2,Y
	RTS	
L3EA0	DEY	
	BMI	L3EA9
	JSR	L3EAA
	JMP	L3EA0
L3EA9	RTS	
L3EAA	TYA	
	PHA	
	LDA	#\$00
	LDY	\$763B
	CPY	#\$0C
	BCS	L3EEC
	LDA	\$762E,Y
	INY	
	STY	\$763B
L3EEC	JSR	L295B
	PLA	
	TAY	
	RTS	
L3EC2	BIT	\$7643
	BPL	L3ECA
	JMP	L3F0C
L3ECA	BIT	\$7645
	BPL	L3ED2
	JMP	L3F0C
L3ED2	SEC	
	ROR	\$7645
	LDA	\$7648
	STA	\$762C
	LDA	#\$01
	STA	\$763A
	JSR	L3CD7
	LDA	#\$45
	JSR	L28ED
	BIT	\$7647
	BPL	L3EF3
	LDA	#\$2D
	JSR	L28ED
L3EF3	LDA	#\$00
	STA	\$763B
	LDA	\$7646
	JSR	L4590
	LDA	\$762E
	BEQ	L3F06
	JSR	L295B
L3F06	LDA	\$762F
	JMP	L295B
L3F0C	LDA	#\$3E
	JMP	L2960
L3F11	BIT	\$758B
	BMI	L3F2B
	LDY	#\$7F
	LDX	\$758C
	BMI	L3F2B
	BEQ	L3F2B
	CPX	#\$01
	BNE	L3F26
	LDY	\$7588
L3F26	LDA	#\$2A
	JSR	L2972

L3F2B	RTS	
L3F2C	LDA	#\$40
	JSR	L28ED
	LDA	\$70AC,X
	AND	#\$1F
L3F36	PHA	
	TAX	
	LDY	#\$00
L3F3A	DEX	
	BMI	L3F46
L3F3D	LDA	L53E6,Y
	ASL	
	INY	
	BCC	L3F3D
	BCS	L3F3A
L3F46	LDA	L53E6,Y
	PHA	
	AND	#\$7F
	JSR	L28ED
	INY	
	PLA	
	BPL	L3F46
	PLA	
	TAX	
	LDA	L546C,X
	AND	#\$80
	BEQ	L3F61
	JSR	L2905
	DCI	'('80
L3F61	RTS	
L3F62	JSR	L3F93
	LDX	#\$00
	STX	\$9B
	STX	\$70A9
	LDA	L6E2D
	STA	L6FAB
L3F72	LDX	\$9B
	LDA	\$70A9
	STA	L6F2C,X
	LDA	L6E2D
	STA	L6FAB,X
	JSR	L3FA2
	INC	\$9B
	STX	\$70A9
	BCC	L3F72
	LDX	\$9B
	LDA	L6E2D
	STA	L6FAB,X
	RTS	
L3F93	LDA	\$70AC
	AND	#\$C0
	CMP	#\$80
	BNE	L3FA1
	JSR	L2905
	DCI	'+'80
L3FA1	RTS	
L3FA2	JSR	L5DD2
	LDY	\$9B
	LDA	L6E2D
	STA	L6FAB,Y
	JSR	L2CB7
	BMI	L3FC4
	JSR	L4035
	TXA	
	PHA	
	LDX	#\$04
	LDY	#\$12
	LDA	#\$40
	JSR	L3C11
	PLA	
	TAX	
	CLC	
	RTS	
L3FC4	TAY	
	ASL	
	BMI	L3FCB
	JMP	L4072
L3FCB	TYA	
	CMP	#\$FF
	BNE	L3FD1
	RTS	

```

L3FD1  CMP  #$F1
      BNE  L3FD8
      INX
      CLC
      RTS

L3FD8  CMP  #$F0
      BNE  L3FE6
      JSR  L2905
      DCI  '...'80
      INX
      CLC
      RTS

L3FE6  AND  #$F0
      CMP  #$E0
      BNE  L401C
      JSR  L43D0
      TAY
      CPY  #$0B
      BCC  L4013
      CPY  #$0E
      BCS  L4013
      TYA
      PHA
      LDA  L53D5,Y
      JSR  L28ED
      PLA
      TAY
      CMP  #$0B
      BNE  L400B
      LDA  #$3E
      JMP  L400D

L400B  LDA  #$3D
L400D  JSR  L28ED
      JMP  L4019

L4013  LDA  L53D5,Y
      JSR  L28ED
L4019  CLC
      INX
      RTS

L401C  AND  #$E0
      CMP  #$C0
      BNE  L402C
      TXA
      PHA
      JSR  L3F2C
      PLA
      TAX
      INX
      CLC
      RTS

L402C  JSR  L2905
      DCI  '??'80
      SEC
      INX
      RTS

L4035  TXA
      PHA
      JSR  L1C04
      PLA
      TAX
      LDA  $70AC,X
      JSR  L4FE7
      LDY  #$00

L4044  INX
      LDA  $70AC,X
      CMP  #$A0
      BCS  L4053
      STA  $7583,Y
      INY
      JMP  L4044

L4053  TXA
      PHA
      LDY  #$05

L4057  DEY
      BMI  L4064
      LDA  $7583,Y
      STA  $7583,X
      DEX
      JMP  L4057

```

L4064	TXA	
	BMI	L406F
	LDA	#\$00
L4069	STA	\$7583,X
	DEX	
	BPL	L4069
L406F	PLA	
	TAX	
	RTS	
L4072	TXA	
	PHA	
	JSR	L5EDA
	JSR	L3AE5
	LDA	L6E06
	STA	\$95
	LDA	L6E07
	STA	\$96
	PLA	
	TAX	
	INX	
	INX	
	CLC	
	RTS	
	JSR	L2CB7
L408D	JSR	L5EDA
L4090	JSR	L1C04
	JSR	L5F6B
	BNE	L409A
	SEC	
	RTS	
L409A	LDY	#\$02
	LDA	(\$6B),Y
	BPL	L40A2
	SEC	
	RTS	
L40A2	LDY	#\$03
	LDA	(\$6B),Y
	BPL	L40AA
	CLC	
	RTS	
L40AA	JSR	L4FE7
	LDX	#\$05
L40AF	INY	
	CPY	#\$08
	BCC	L40BF
	STX	\$7667
	JSR	L4791
	LDY	#\$02
	LDX	\$7667
L40BF	LDA	(\$6B),Y
	PHP	
	AND	#\$7F
	STA	\$7583,X
	DEX	
	PLP	
	BPL	L40AF
	CLC	
	RTS	
	LDX	#\$32
	LDY	#\$1C
	JSR	\$035E
	JSR	L1C32
	LDA	\$7662
	JMP	L1C7B
	LDX	#\$43
	LDY	#\$1D
	JSR	\$035E
	LDA	\$7662
	JSR	L1C7B
	JMP	L1FA4
	LDX	#\$B1
	LDY	#\$1E
	LDA	#\$00
L40F3	STX	\$7664
	STY	\$7665
	PHA	
	JSR	L1C04
	PLA	
	STA	\$758B
	LDX	#\$05

L4105	LDA	#\$63
	STA	\$7583,X
	DEX	
	BPL	L4105
	LDA	#\$3F
	STA	\$758C
	JMP	\$0367
	LDX	#\$BF
	LDY	#\$1E
	LDA	#\$FF
	JMP	L40F3
	LDA	#\$01
	JSR	L1C7B
	JSR	L1C7B
	JSR	\$026E
	JSR	L1D43
	JSR	L1FA4
	JSR	L1D07
	JSR	L1BE0
	JSR	L4378
	BCC	L413B
	JMP	L4341
L413B	JSR	L42DC
	BCC	L4141
	RTS	
L4141	JSR	L4391
L4144	JSR	L4344
	BCS	L4155
	JSR	L1D43
	JSR	L1D1D
	JSR	L1ECD
	JMP	L4144
L4155	JSR	L4378
	BCS	L415D
	JMP	L4341
L415D	RTS	
	JSR	\$026E
	JSR	L4378
	BCS	L41BC
	JSR	L42DC
	BCS	L41BC
	JSR	L4378
	BCC	L41BC
	BIT	\$7660
	BMI	L41BC
	JSR	L218E
	BCC	L417B
	RTS	
L417B	LSR	\$7661
L417E	JSR	L4344
	BCS	L419E
	JSR	L1DE8
	PHP	
	JSR	L1C32
	PLP	
	BCC	L4197
	BEQ	L4197
	LDX	\$765E
	DEC	\$95,X
	JMP	L419E
L4197	SEC	
	ROR	\$7661
	JMP	L417E
L419E	JSR	L1C32
	BIT	\$7661
	BMI	L41AF
	JSR	L1C04
	LDA	#\$71
	STA	\$7588
	RTS	
L41AF	LDX	\$765E
	DEC	\$95,X
	LDX	\$765F
	INC	\$95,X
	JMP	L4090
L41BC	JMP	L4341
	JSR	L21AE

	LDX	#\$CD
	LDY	#\$21
	STX	\$7664
	STY	\$7665
	JSR	\$0367
	RTS	
	JSR	L21A5
	LDX	#\$E4
	LDY	#\$21
	STX	\$7664
	STY	\$7665
	JSR	\$0367
	RTS	
	JSR	\$026E
	JSR	L4378
	BCC	L41F0
	LDA	#\$72
	STA	\$7588
	SEC	
	RTS	
L41F0	JSR	L4239
	BCC	L41FA
	JSR	L42C4
	SEC	
	RTS	
L41FA	LDA	\$7588
	PHA	
	JSR	L1C32
	PLA	
	CMP	#\$73
	BNE	L4220
	JSR	\$026E
	JSR	L4378
	BCC	L4213
	JSR	\$034F
	SEC	
	RTS	
L4213	JSR	L42D3
	BCS	L421D
	JSR	\$034F
	SEC	
	RTS	
L421D	JMP	L4237
L4220	JSR	L42D3
	BCC	L422A
	JSR	\$034F
	SEC	
	RTS	
L422A	JSR	\$026E
	JSR	L4378
	BCS	L4237
	JSR	\$034F
	SEC	
	RTS	
L4237	CLC	
	RTS	
L4239	JSR	L20CB
	RTS	
	JSR	\$026E
	JSR	L4378
	BCC	L424D
	JSR	L1C32
	JSR	\$034F
	SEC	
	RTS	
L424D	JSR	L42C0
	BCC	L4257
	JSR	L42C4
	SEC	
	RTS	
L4257	LDA	\$758B
	STA	\$766A
	JSR	L1CCF
	BCC	L426A
	JSR	\$034B
	JSR	L42C4

	SEC	
	RTS	
L426A	CMP	#\$00
	BEQ	L4276
	BIT	\$766A
	BMI	L4276
	JMP	L427E
L4276	JSR	\$034B
	JSR	L42C4
	SEC	
	RTS	
L427E	TAY	
	LDA	\$7668
	PHA	
	LDA	\$7669
	PHA	
	STY	\$7668
	LSR	\$7669
	LDX	#\$AB
	LDY	#\$42
	STX	\$7664
	STY	\$7665
	JSR	\$0367
	BIT	\$7669
	BMI	L42A2
	JSR	\$034B
L42A2	PLA	
	STA	\$7669
	PLA	
	STA	\$7668
	RTS	
	BIT	\$7669
	BPL	L42B3
	JMP	L1C32
L42B3	DEC	\$7668
	BEQ	L42BB
	JMP	L1C32
L42BB	SEC	
	ROR	\$7669
	RTS	
L42C0	JSR	L20AE
	RTS	
L42C4	LDX	#\$32
	LDY	#\$1C
	STX	\$7664
	STY	\$7665
	JSR	\$0367
	CLC	
	RTS	
L42D3	JSR	\$026E
	JSR	L1C32
	JMP	L4378
L42DC	JSR	L2CB7
	JSR	L5EDA
	BCS	L4341
	LDA	\$95
	STA	\$765A
	LDA	\$96
	STA	\$765B
	LDY	\$9B
	INY	
	LDX	L6F2C, Y
	LDA	\$70AC, X
	CMP	#\$F0
	BNE	L4341
	INY	
	LDX	L6F2C, Y
	INY	
	STY	\$9B
	JSR	L5EDA
	BCS	L4341
	LDA	\$95
	STA	\$765C
	LDA	\$96
	STA	\$765D
L4311	LDX	#\$00
	LDA	\$765C
	CMP	\$765A

	BNE	L431D
	LDX	#\$01
L431D	STX	\$765E
	TXA	
	EOR	#\$01
	STA	\$765F
	LDY	#\$01
	LDA	\$765A,X
	CMP	\$765C,X
	BCC	L4332
L4332	LDY	#\$FF
	STY	\$7660
	LDA	\$765A
	STA	\$95
	LDA	\$765B
	STA	\$96
	CLC	
L4341	RTS	
	JMP	\$02A3
L4344	LDX	\$765E
	LDA	\$95,X
	BIT	\$7660
	BPL	L435A
	CMP	\$765C,X
	BCS	L4355
	SEC	
	RTS	
L4355	LDA	#\$FF
	JMP	L4364
L435A	CMP	\$765C,X
	BCC	L4362
	BEQ	L4362
	RTS	
L4362	LDA	#\$01
L4364	PHA	
	JSR	L4090
	BCS	L436D
	INC	\$7662
L436D	PLA	
	LDX	\$765E
	CLC	
	ADC	\$95,X
	STA	\$95,X
	CLC	
	RTS	
L4378	JSR	L2CB7
	JSR	L43D0
	BCC	L4381
	RTS	
L4381	CMP	#\$0A
	BNE	L4389
	INC	\$9B
	CLC	
	RTS	
L4389	CMP	#\$09
	BNE	L438F
	INC	\$9B
L438F	SEC	
	RTS	
L4391	LDX	#\$01
L4393	LDA	\$765A,X
	LDY	\$765C,X
	STA	\$765C,X
	TYA	
	STA	\$765A,X
	DEX	
	BPL	L4393
	JMP	L4311
L43A6	BIT	L6E0C
	BPL	L43AC
	RTS	
L43AC	JSR	L5DD2
	LDA	L6E0B
	LDY	#\$00
	LDX	#\$26
	JSR	L0A8B
	JSR	L39E6
	JSR	L08E4

	LDA	#\$40
	JSR	L4F4D
	JMP	L39CA
L43C7	JSR	L4B69
	JSR	L4BC9
	JMP	L2CDC
L43D0	LDA	\$70AC,X
	JSR	L43E5
	BCC	L43D9
	RTS	
L43D9	AND	#\$0F
	CMP	#\$0F
	BNE	L43E3
	INX	
	LDA	\$70AC,X
L43E3	CLC	
	RTS	
L43E5	PHA	
	AND	#\$E0
	CMP	#\$E0
	SEC	
	BNE	L43EE
	CLC	
L43EE	PLA	
	RTS	
L43F0	JSR	L2A87
	JSR	L44BE
	BCC	L43F9
	RTS	
L43F9	STA	\$7628
	JSR	L63B9
	DB	\$0D
	DB	\$0A
	DB	\$44
	DB	\$3A
	DB	\$0A
	DB	\$44
	DB	\$FF
	JSR	L2A87
	SEC	
	RTS	
	LDA	\$7628
	PHA	
	JSR	L2A87
	PLA	
	CLC	
	RTS	
	JSR	L4425
	JMP	L1EA3
L441B	JSR	L63B9
	DB	\$2D
	DB	\$14
	DB	\$44
	DB	\$2B
	DB	\$24
	DB	\$44
	DB	\$FF
L4425	JSR	L4477
	BCC	L442B
	RTS	
L442B	JSR	L0F8E
	CMP	#\$45
	BNE	L4475
	JSR	L28ED
	JSR	L0E57
	JSR	L63B9
	DB	\$2D
	DB	\$4F
	DB	\$44
	DB	\$2B
	DB	\$5C
	DB	\$44
	DB	\$82
	DB	\$5F
	DB	\$44
	DB	\$1B
	DB	\$4A
	DB	\$44

	DB	\$FF
	JSR	L5DB6
L444B	JSR	L1C32
	SEC	
	RTS	
	JSR	L28ED
	JSR	L44BE
	BCS	L444B
	EOR	#\$FF
	SEC	
	BCS	L4465
	JSR	L28ED
	JSR	L44BE
	BCS	L444B
L4465	PHP	
	PHA	
	JSR	L4552
	PLA	
	PLP	
	ADC	\$763A
	STA	\$763A
	JSR	L44EE
L4475	CLC	
	RTS	
L4477	LDX	#\$1A
	LDY	#\$50
L447B	JSR	L6428
	BCC	L4481
	RTS	
L4481	JSR	L1C04
	JSR	L44D0
L4487	JSR	L6486
	BCS	L44B9
	CMP	#\$2E
	BNE	L4497
	SEC	
	ROR	\$763C
	JMP	L4487
L4497	AND	#\$0F
	BNE	L44AB
	LDY	\$763B
	BNE	L44AB
	BIT	\$763C
	BPL	L44A8
	DEC	\$763A
L44A8	JMP	L4487
L44AB	BIT	\$763C
	BMI	L44B3
	INC	\$763A
L44B3	JSR	L44DB
	JMP	L4487
L44B9	JSR	L44EE
	CLC	
	RTS	
L44BE	LDX	#\$1D
	LDY	#\$50
	JSR	L447B
	BCC	L44C8
	RTS	
L44C8	JSR	L1CCF
	RTS	
L44CC	LDY	#\$10
	BNE	L44D2
L44D0	LDY	#\$1B
L44D2	LDA	#\$00
L44D4	STA	\$762E, Y
	DEY	
	BPL	L44D4
	RTS	
L44DB	STY	\$98
	LDY	\$763B
	CPY	#\$0C
	BCS	L44EB
	STA	\$762E, Y
	INY	
	STY	\$763B
L44EB	LDY	\$98
	RTS	

L44EE	JSR	L1BE0
	LDA	#\$01
	BIT	\$763A
	BEQ	L4523
	LDA	\$762E
	BNE	L4510
	DEC	\$763A
	LDY	#\$00
L4502	LDA	\$762F,Y
	STA	\$762E,Y
	INY	
	CPY	#\$0B
	BCC	L4502
	JMP	L451E
L4510	INC	\$763A
	LDY	#\$0B
L4515	LDA	\$762D,Y
	STA	\$762E,Y
	DEY	
	BNE	L4515
L451E	LDA	#\$00
	STA	\$762E,Y
L4523	LDA	\$763A
	PHA	
	ASL	
	PLA	
	ROR	
	STA	\$758C
	LDA	#\$05
	STA	\$756B
	LDY	#\$00
L4534	LDA	\$762E,Y
	TAX	
	LDA	L2095,X
	CLC	
	ADC	\$762F,Y
	LDX	\$756B
	STA	\$7583,X
	DEC	\$756B
	INY	
	INY	
	CPY	#\$0C
	BCC	L4534
	JSR	L1E3C
	RTS	
L4552	JSR	L44CC
	LDY	#\$05
	STY	\$756B
L455A	LDY	\$756B
	LDA	\$7583,Y
	JSR	L4590
	DEC	\$756B
	BPL	L455A
	LDA	\$758C
	CLC	
	ADC	\$758C
	STA	\$763A
	LDY	\$762E
	BNE	L458F
	LDA	\$762F
	BEQ	L458F
	LDX	#\$00
L457E	LDA	\$762F,X
	STA	\$762E,X
	INX	
	CPX	#\$0B
	BCC	L457E
	STY	\$7639
	DEC	\$763A
L458F	RTS	
L4590	PHA	
	LDY	#\$FF
L4593	INY	
	SEC	
	SBC	#\$0A
	BPL	L4593
	TYA	
	JSR	L44DB
	PLA	
	SEC	
	SBC	L2095,Y
	JSR	L44DB
	RTS	

L45A6	JSR	L2AB2
	JSR	L2C68
	JSR	L45C8
	BCS	L45BE
	JSR	L63B9
	DB	\$0D
	DB	\$C2
	DB	\$45
	DB	\$3A
	DB	\$C2
	DB	\$45
	DB	\$FF
	JSR	L5DB6
L45BE	JSR	L2A87
	SEC	
	RTS	
	JSR	L2A87
	CLC	
	RTS	
L45C8	JSR	L5E2F
	JSR	L45E6
	PHP	
	LDA	\$95
	STA	\$70AA
	LDA	\$96
	STA	\$70AB
	JSR	L5E2F
	JSR	L4B69
	PLP	
	BCC	L45E5
	JSR	L5DC3
L45E5	RTS	
L45E6	JSR	L63B9
	DB	\$80
	DB	\$59
	DB	\$46
	DB	\$81
	DB	\$FD
	DB	\$45
	DB	\$3E
	DB	\$E5
	DB	\$45
	DB	\$FD
	DB	\$20
	DB	\$59
	DB	\$46
	DB	\$FD
	DB	\$3B
	DB	\$59
	DB	\$46
	DB	\$1B
	DB	\$BB
	DB	\$5D
	DB	\$FE
	JSR	L0F8E
	JSR	L28ED
	SEC	
	SBC	#\$40
	STA	\$96
	JSR	L0E51
	BIT	L68EC
	BPL	L4633
	JSR	L28ED
	LDX	\$96
	CPX	#\$03
	BCC	L461D
	JMP	L5DB9
L461D	LDA	L4654,X
	CLC	
	ADC	L68EA
	SEC	
	SBC	#\$40
	CMP	#\$40
	BCC	L462E
	JMP	L5DB9
L462E	STA	\$96
	JSR	L0E51
L4633	JSR	L44BE
	BCC	L463B
	JMP	L5DB9
L463B	STA	\$95
	TAX	

```

      BNE L4643
      JMP L5DB9
L4643  CMP   #FFF
      BCC L4648
      RTS
L4648  LDA   L68EA
      CMP   #$1B
      BNE L4652
      JMP L5DB9
L4652  CLC
      RTS
L4654  DB   $00
      DB   $1A
      DB   $34
      DB   $4E
      DB   $68
      DB   $82
      DB   $38
      DB   $6E
      DB   $23
      DB   $6E
L465E  JSR L2B1F
      JSR L2EB1
      JSR L3AE5
      JSR L0F8E
      JSR L39FD
      JSR L63B9
      DB   $3B
      DB   $83
      DB   $46
      DB   $80
      DB   $89
      DB   $46
      DB   $20
      DB   $8F
      DB   $46
      DB   $1B
      DB   $7E
      DB   $46
      DB   $FF
      CLC
      RTS
      JSR L2EE4
      SEC
      RTS
      JSR L61ED
      JMP L4693
      JSR L3229
      JMP L4693
L4693  JSR L39C4
      JMP L465E
L4696  JSR L2C68
L4699  JSR L63B9
      DB   $1B
      DB   $BB
      DB   $5D
      DB   $FF
      JSR L2F40
      BCC L46AB
      JSR L2EB1
      JMP L4699
L46AB  JSR L2FB5
      LDA $95
      STA $760B
      LDA $96
      STA $760C
      JSR L63B9
      DB   $0D
      DB   $ED
      DB   $46
      DB   $3A
      DB   $ED
      DB   $46
      DB   $2E
      DB   $C7
      DB   $46
      DB   $1B
      DB   $0C

```

	DB	\$47
	DB	\$FF
	JSR	L2FBB
	BCC	L46D3
	JSR	L2ECD
	JMP	L46AB
L46D3	JSR	L63B9
	DB	\$0D
	DB	\$DF
	DB	\$46
	DB	\$3A
	DB	\$DF
	DB	\$46
	DB	\$1B
	DB	\$E4
	DB	\$46
L46E0	DB	\$FF
	JSR	L5E2F
	CLC	
	RTS	
	JSR	L2ECD
	JSR	L2ECD
	JMP	L46AB
	LDA	#\$F0
	JSR	L2C90
	JSR	L2F13
	LDX	#\$01
L46F8	LDA	\$760B,X
	STA	\$70AA,X
	STA	\$760D,X
	DEX	
	BPL	L46F8
	JSR	L2F49
	JSR	L472B
	JMP	L46E0
	JSR	L2ECD
	JMP	L4699
L4713	JSR	L2C68
	LDA	\$95
	STA	\$70AA
	LDA	\$96
	STA	\$70AB
	LDA	\$9B
	STA	\$7610
	JSR	L2F49
	JMP	L46AB
L472B	LSR	\$7615
	LDX	#\$01
L4730	LDA	\$760B,X
	CMP	\$760D,X
	BNE	L4757
	TXA	
	EOR	#\$01
	STA	\$760F
	TAX	
	LDA	\$760B,X
	CMP	\$760D,X
	BCC	L4755
	LDY	\$760D,X
	STA	\$760D,X
	TYA	
	STA	\$760B,X
	SEC	
	ROR	\$7615
L4755	CLC	
	RTS	
L4757	DEX	
	BPL	L4730
	SEC	
	RTS	
L475C	LDA	\$006C
	BNE	L4763
	SEC	
	RTS	
L4763	LDY	#\$00
	LDA	(\$6B),Y
	PHA	
	LDA	\$69
	ORA	#\$01

	STA	(\$6B),Y
	INY	
	LDA	(\$6B),Y
	PHA	
	LDA	\$006A
L4777	STA	(\$6B),Y
	LDA	\$766B,Y
	STA	\$0069,Y
	PLA	
	STA	\$006B,Y
	DEY	
	BPL	L4777
	JSR	L47A0
L4787	INC	L6E2B
	BNE	L478F
	INC	L6E2C
L478F	CLC	
	RTS	
L4791	LDY	#\$00
	LDA	(\$6B),Y
	PHA	
	INY	
	LDA	(\$6B),Y
	STA	\$006C
	PLA	
	STA	\$6B
	INY	
L47A0	LDA	\$6B
	AND	#\$FE
	STA	\$766B
	LDA	\$006C
	STA	\$766C
	JSR	L47B4
	STA	\$006C
	RTS	
L47B4	CMP	#\$C0
	BCC	L47C7
	CMP	#\$D0
	BCS	L47C4
	ADC	#\$10
	JSR	L08C3
	JMP	L47C7
L47C4	JSR	L08C8
L47C7	RTS	
L47C8	LDA	\$006A
	BNE	L47D3
	JSR	L4801
	BCC	L47D3
	RTS	
L47D3	LDA	\$69
	STA	\$6B
	LDA	\$006A
	STA	\$006C
	JSR	L47A0
	LDY	#\$01
L47E2	LDA	(\$6B),Y
	CPY	#\$00
	BNE	L47EA
	AND	#\$FE
L47EA	STA	\$0069,Y
	LDA	#\$00
	STA	(\$6B),Y
	DEY	
	BPL	L47E2
	LDA	L6E2B
	BNE	L47FC
	DEC	L6E2C
L47FC	DEC	L6E2B
	CLC	
	RTS	
L4801	JSR	L4846
	BNE	L4808
	SEC	
	RTS	
L4808	LDA	\$7671
	SBC	#\$08
	STA	\$7671
	LDA	\$7672
	SBC	#\$00
	STA	\$7672
	LDA	\$7671

	STA	\$6B
	LDA	\$7672
	JSR	L47B4
	STA	\$006C
	JSR	L0E0C
	LDY	#\$00
	LDA	(\$6B),Y
	AND	#\$01
	BEQ	L4801
	LDA	#\$00
	TAY	
	STA	(\$6B),Y
	INY	
	STA	(\$6B),Y
	LDA	\$7671
	STA	\$69
	LDA	\$7672
	STA	\$006A
	CLC	
	RTS	
L4846	LDA	\$7672
	CMP	\$7670
	BNE	L4854
	LDA	\$7671
	CMP	\$766F
L4854	RTS	
L4855	CLC	
	LDA	L6E20
	ADC	#\$07
	AND	#\$F8
	STA	\$766F
	LDA	#\$00
	ADC	L6E21
	STA	\$7670
	LDA	\$9E
	STA	\$766D
	LDA	\$009F
	STA	\$766E
	LDA	\$766F
	TAY	
	LDA	#\$00
	STA	\$67
	LDA	\$7670
	STA	\$009A
L4881	JSR	L0E0C
	LDA	\$009A
	CMP	\$766E
	BNE	L488F
	CPY	\$766D
L488F	BCS	L48AD
	LDA	\$009A
	JSR	L47B4
	STA	\$0068
	JSR	L4787
	LDA	#\$01
	STA	(\$67),Y
	TYA	
	CLC	
	ADC	#\$08
	TAY	
	BCC	L48AB
	INC	\$009A
L48AB	BNE	L4881
L48AD	CLC	
	LDA	\$766F
	ADC	#\$07
	AND	#\$F8
	STA	\$766F
	LDA	\$7670
	ADC	#\$00
	STA	\$7670
	LDA	\$766D
	STA	\$7671
	LDA	\$766E
	STA	\$7672
	LDA	#\$00
	STA	\$69
	STA	\$006A
	CLC	
	RTS	
	LDA	\$009A
	JSR	L47B4
	RTS	
L48DC	LDY	#\$00

L48DF	TYA	
	STA	(\$67),Y
	LDX	\$0068
	INC	\$67
	BNE	L48EC
	INX	
	STX	\$0068
L48EC	CPX	\$009A
	BNE	L48F5
	LDX	\$67
	CPX	\$99
L48F5	BCC	L48DF
	RTS	
L48F8	LDX	#\$01
L48FA	LDA	\$95,X
	CMP	L6E1C,X
	BCC	L4904
	JMP	L4908
L4904	DEX	
	BPL	L48FA
	RTS	
L4908	JSR	L5E4A
	LDA	L6E1C
	PHA	
	LDA	L6E1D
	PHA	
	JSR	L4934
	PLA	
	TAX	
	PLA	
	TAY	
	PHP	
	BCC	L4926
	STX	L6E1D
	STY	L6E1C
	JSR	L5DC3
L4926	PLP	
	ROR	\$7673
	JSR	L5E57
	JSR	L4F0F
	ASL	\$7673
	RTS	
L4934	LDX	#\$01
L4936	INC	\$95,X
	BNE	L493C
	SEC	
	RTS	
L493C	LDA	L6E1C,X
	CMP	\$95,X
	BCS	L4945
L4945	LDA	\$95,X
	CMP	L5022,X
	BCC	L494D
	BEQ	L494D
	RTS	
L494D	STA	\$95,X
	STA	\$7673,X
	DEX	
	BPL	L4936
	LDA	\$9C
	STA	\$7675
	LDA	\$009D
	STA	\$7676
	INC	\$0096
	LDA	\$0096
	ASL	
	STA	\$0096
	LDA	#\$00
	ROL	
	STA	\$67
L496F	LSR	\$0095
	BCC	L4989
	CLC	
	LDA	\$7675
	ADC	\$0096
	STA	\$7675
	LDA	\$7676
	ADC	\$67
	BCC	L4986
	RTS	
L4986	STA	\$7676

L4989	ASL	\$0096
	ROL	\$67
	LDA	\$0095
	BNE	L496F
	LDA	\$7676
	CMP	#\$C0
	BCC	L499B
	RTS	
L499B	CMP	\$766E
	BNE	L49A6
	LDA	\$7675
	CMP	\$766D
L49A6	BCC	L49A9
	RTS	
L49A9	LDA	\$7675
	STA	\$766F
	LDA	\$7676
	STA	\$7670
	JSR	L48AD
	LDA	#\$00
	STA	\$95
	STA	\$0096
	JSR	L5F4C
L49C2	JSR	L4A99
	BCC	L49C8
	RTS	
L49C8	LDA	\$71
	CLC	
	ADC	#\$02
	STA	\$71
	TAX	
	LDA	\$0072
L57B4	LDA	#\$00
	STA	\$7613
	STA	\$7614
	LDX	\$760F
	LDA	#\$01
	STA	\$7613,X
L57C4	JSR	L0E0C
	BIT	\$7611
	BMI	L57D8
	JSR	L2CD2
	BCC	L57D2
	RTS	
L57D2	JSR	L57FC
	JMP	L57EC
L57D8	JSR	L4BB9
	LDY	#\$7E
L57DD	LDA	\$70AC,Y
	STA	\$714C,Y
	DEY	
	BPL	L57DD
	JSR	L4C49
	BCC	L57EC
	RTS	
L57EC	LDX	\$760F
	INC	\$95,X
	LDA	\$95,X
	CMP	\$760D,X
	BCC	L57C4
	BEQ	L57C4
	CLC	
	RTS	
L57FC	LDX	#\$01
L57FE	CLC	
	LDA	\$7613,X
	ADC	\$7629,X
	STA	\$7629,X
	DEX	
	BPL	L57FE
	JSR	L5E4A
	LDA	\$7616
	STA	\$95
	LDA	\$7617
	STA	\$96
	JSR	L4B69
	JSR	L4BC9
	JSR	L5E57
	RTS	
L5822	JSR	L4B69

	LDA	\$714C
	BMI	L582D
	JSR	L5833
L582D	JSR	L0E0C
	JMP	L4C49
L5833	JSR	L4BC9
	JSR	L5E4A
L5839	JSR	L2CB7
	CMP	#\$FF
	BEQ	L58B2
	AND	#\$C0
	CMP	#\$80
	BNE	L58AD
	JSR	L5EDA
	LDX	\$761C
	LDA	\$95,X
	CMP	\$7622
	BCC	L58AD
	BNE	L5874
	BIT	\$7624
	BPL	L5874
	BIT	\$7625
	BPL	L586E
	JSR	L2CB7
	LDA	#\$C1
	STA	\$70AC,X
	LDA	#\$F1
	STA	\$70AD,X
	BNE	L58AD
L586E	LDA	\$7623
	JMP	L5899
L5874	CMP	\$7623
	BCC	L5880
	BEQ	L5880
	BIT	\$7627
	BMI	L58AD
L5880	CMP	\$7623
	BNE	L5895
	BIT	\$7624
	BMI	L5895
	BIT	\$7626
	BMI	L5892
	LDA	\$7622
L5892	JMP	L5899
L5895	CLC	
	ADC	\$7624
L5899	STA	\$95,X
	LDA	\$95
	STA	\$70AA
	LDA	\$96
	STA	\$70AB
	LDY	\$9B
	LDX	L6F2C,Y
	JSR	L5EFF
L58AD	INC	\$9B
	JMP	L5839
L58B2	JSR	L5E57
	JMP	L2D3A
	LDA	#\$30
	JSR	L4EA8
	LDA	#\$32
	JSR	L63B6
	DB	\$46
	DB	\$E2
	DB	\$58
	DB	\$44
	DB	\$E2
	DB	\$58
	DB	\$50
	DB	\$D4
	DB	\$58
	DB	\$0D
	DB	\$D4
	DB	\$58
	DB	\$82
	DB	\$DA
	DB	\$58
	DB	\$\$\$
	JMP	L5941
	JSR	L36E0
	JMP	L58E8

	LDX	#\$33
	JSR	L36F2
	JMP	L58E8
	LDX	#\$35
	JSR	L370C
L58E8	BCC	L58ED
	JMP	L37A2
L58ED	JSR	L2AB2
	JSR	L38C5
L58F3	LDA	#\$31
	JSR	L63B6
	DB	\$22
	DB	\$53
	DB	\$59
	DB	\$2D
	DB	\$F2
	DB	\$59
	DB	\$26
	DB	\$00
	DB	\$5A
	DB	\$\$\$
	JSR	L5A12
	BCC	L590A
	JMP	L5941
L590A	LDA	#\$06
	JSR	L2892
L590F	LDA	\$760D
	CMP	\$95
	BCC	L593E
	LDA	L6E07
	STA	\$96
L591B	JSR	L59E6
	BCC	L5921
	RTS	
L5921	LDA	\$760E
	CMP	\$96
	BCC	L5935
	JSR	L5F6B
	JSR	L29D3
	JSR	L3A3E
	INC	\$96
	BNE	L591B
L5935	JSR	L2905
	DCI	0D80
	INC	\$95
	BNE	L590F
L593E	JMP	L594A
L5941	JSR	L594A
	JSR	L0E57
	JMP	L5DC3
L594A	LDA	#\$04
	JSR	L2892
	JSR	L5CEA
	SEC	
	RTS	
	LDA	#\$34
	JSR	L4EB8
	JSR	L2AB2
	JSR	L4E4A
	BIT	L68F1
	BPL	L5967
	JMP	L594A
L5967	JSR	L0E57
	LDX	#\$00
	STX	\$768B
L596F	JSR	L5985
	BCS	L597A
	JSR	L383A
	JMP	L596F
L597A	JSR	L3968
	LDA	#\$30
	JSR	L4EA8
	JMP	L58F3
L5985	JSR	L59D3
	CMP	#\$5E
	BNE	L59E2
	JSR	L59D3
	AND	#\$7F

	CMP	#\$61
	BCC	L5997
	AND	#\$DF
L5997	JSR	L6498
	DB	\$43
	DB	\$B4
	DB	\$59
	DB	\$48
	DB	\$C3
	DB	\$59
	DB	\$4C
	DB	\$BA
	DB	\$59
	DB	\$52
	DB	\$BD
	DB	\$59
	DB	\$45
	DB	\$C0
	DB	\$59
	DB	\$5E
	DB	\$B9
	DB	\$59
	DB	\$80
	DEC	\$768B
L59B2	LDA	#\$5E
	CLC	
	RTS	
	JSR	L59D3
	AND	#\$1F
	RTS	
	LDA	#\$0A
	RTS	
	LDA	#\$0D
	RTS	
	LDA	#\$1B
	RTS	
	JSR	L59D3
	STA	\$768C
	JSR	L59D3
	TAX	
	LDY	\$768C
	JMP	L64D8
L59D3	LDX	\$768B
	CPX	L6E2D
	BNE	L59DE
	PLA	
	PLA	
	RTS	
L59DE	INC	\$768B
	LDA	L6E2E, X
	CLC	
	RTS	
L59E6	JSR	L0E0C
	BIT	L68F1
	BPL	L59F1
	JMP	L594A
L59F1	CLC	
	RTS	
	JSR	L08B9
	JSR	L1953
	PHP	
	JSR	L08BD
	PLP	
	JMP	L58F3
	JSR	L08B9
	JSR	L1957
	PHP	
	JSR	L08BD
	PLP	
	JMP	L58F3
L5A0F	JSR	L4EB8
L5A12	JSR	L45A6
	BCC	L5A18
	RTS	
L5A18	LDA	\$70AA

	STA	\$760D
	LDA	\$70AB
	STA	\$760E
	JSR	L5E2F
	LDX	#\$01
L5A29	LDA	\$760D,X
	CMP	\$95,X
	BCS	L5A32
	SEC	
	RTS	
L5A32	DEX	
	BPL	L5A29
	CLC	
	RTS	
	JSR	L0881
	JSR	L08E6
	JSR	L5AF0
	CLD	
	JSR	L0D89
	JSR	L08B9
	JSR	L10AF
	PHP	
	JSR	L08BD
	PLP	
	JSR	L5A55
	JMP	L5AD6
L5A55	JSR	L08B9
	JSR	L1098
	PHP	
	JSR	L08BD
	PLP	
	JSR	L08F0
	LDX	#\$33
	LDA	#\$00
L5A67	STA	\$67,X
	DEX	
	BPL	L5A67
	LDA	#\$DF
	STA	\$67
	LDA	#\$6D
	STA	\$68
	LDA	#\$2D
	STA	\$99
	LDA	#\$6E
	STA	\$9A
	JSR	L48DC
	LDY	#\$00
	LDA	#\$00
L5A83	STA	(\$9C),Y
	INY	
	BNE	L5A83
	JSR	L4BB9
	LDA	\$9C
	STA	\$6D
	LDA	\$9D
	STA	\$6E
	LDX	#\$01
	LDY	#\$01
	JSR	L4D7D
	LDY	L6E1C
	DEY	
	CLC	
	LDA	\$99
	ADC	(\$6D),Y
	STA	L6E20
	TAX	
	LDA	(\$6F),Y
	ADC	#\$00
	STA	L6E21
	JSR	L4855
L5AB3	BCC	L5AB8
	JSR	L5DC3
	BCS	L5AB3
L5AB8	JSR	L5F4C
	LDA	#\$00
	TAY	
	STA	(\$71),Y
	INY	
	STA	(\$71),Y
	LDA	#\$09
	JSR	L60EC
	LDA	#\$43
	STA	L6E0B
	LDA	#\$01
	STA	L6E06

	STA	L6E07
	RTS	
L5AD6	CLD	
	JSR	L5ADD
	JMP	L3044
L5ADD	JSR	L0D89
	JMP	L3968
L5AE3	CLD	
	JSR	L5ADD
L5AE7	JSR	L0DF0
	JSR	L5B43
	JMP	L5AE7
L5AF0	LDA	#\$A8
	STA	\$9C
	LDA	#\$76
	STA	\$9D
	JSR	L08C3
	LDA	#\$00
	AND	#\$F8
	STA	\$9E
	LDA	#\$76
	STA	\$9F
L5B05	LDY	\$9F
	INY	
	BEQ	L5B26
	CPY	#\$C0
	BNE	L5B10
	LDY	#\$D0
L5B10	STY	\$9F
	LDY	#\$00
	LDA	(\$9E), Y
	EOR	#\$FF
	STA	(\$9E), Y
	CMP	(\$9E), Y
	BNE	L5B26
	EOR	#\$FF
	STA	(\$9E), Y
	CMP	(\$9E), Y
	BEQ	L5B05
L5B26	LDA	\$9F
	CMP	#\$D0
	BNE	L5B30
	LDA	#\$C0
	STA	\$9F
L5B30	CMP	#\$FF
	BNE	L5B42
	LDA	#\$F8
	STA	\$9E
	LDA	#\$E3
	STA	RESETV
	LDA	#\$5A
	STA	RESETV+1
L5B42	RTS	
L5B43	LDA	#\$21
	LDX	#\$20
	JSR	L63B0
	DB	\$53
	DB	\$07
	DB	\$5C
	DB	\$44
	DB	\$77
	DB	\$5B
	DB	\$49
	DB	\$7B
	DB	\$36
	DB	\$51
	DB	\$BE
	DB	\$5B
	DB	\$FE
	LDA	#\$FF
	STA	L6E16
	LDA	#\$21
	LDA	#\$21
	LDX	#\$20
	JSR	L63B0
	DB	\$4C
	DB	\$A0
	DB	\$5D
	DB	\$53
	DB	\$07
	DB	\$5C
	DB	\$44
	DB	\$77

	DB	\$5B
	DB	\$49
	DB	\$7B
	DB	\$36
	DB	\$23
	DB	\$6C
	DB	\$33
	DB	\$51
	DB	\$BE
	DB	\$5B
	DB	\$FE
	LDX	#\$1D
	JSR	L36DB
	BCC	L5B82
	JMP	L37A2
L5B82	LDA	#\$2C
	LDX	#\$1E
	JSR	L63B0
	DB	\$59
	DB	\$9B
	DB	\$5B
	DB	\$FE
	JSR	L5DC3
	JSR	L08B9
	JSR	L15DA
	PHP	
	JSR	L08BD
	PLP	
	RTS	
	LDA	#\$60
	JSR	L08B9
	JSR	L1113
	PHP	
	JSR	L08BD
	PLP	
	BCC	L5BAE
	JMP	L379D
L5BAE	JSR	L08B9
	JSR	L1649
	PHP	
	JSR	L08BD
	PLP	
	BCC	L5BBE
	JSR	L379D
L5BBE	RTS	
	LDA	#\$23
	LDX	#\$22
	JSR	L63B0
	DB	\$FF
	JSR	L43F0
	BCS	L5BD7
	CMP	#\$01
	BCC	L5BD7
	CMP	#\$08
	BCS	L5BD7
	JMP	L6596
L5BD7	JMP	L5DC3
L5BDA	DEC	\$768F
	BNE	L5C07
	LDA	#\$0A
	STA	\$768F
	BIT	\$768E
	BPL	L5BF9
	LSR	\$768E
	LDA	#\$20
	JSR	L4EA8
	LDA	#\$1A
	JSR	L4EC0
	JMP	L5C07
L5BF9	SEC	
	ROR	\$768E
	LDA	#\$20
	JSR	L4EA8
	LDA	#\$1B
	JSR	L4EC0
L5C07	RTS	
	LDX	#\$1C
	JSR	L370C
	BCC	L5C12
	JMP	L37A2


```

L5C12  LDA  #$07
      JSR  L2892
      LDA  L6E1C
      STA  $95
L5C1C  LDA  L6E1D
      STA  $96
L5C21  JSR  L0E0C
      BIT  L68F1
      BPL  L5C2C
      JMP  L5CEA

L5C2C  JSR  L5E4A
      JSR  L4B69
      LDA  $714C
      CMP  #$F0
      BNE  L5C3E
      LDA  L6E0A
      BEQ  L5C4C
L5C3E  JSR  L5D8F
      JSR  L3B83
      LDA  #$0D
      JSR  L28ED
      JSR  L0E0C
L5C4C  JSR  L5E57
      DEC  $96
      BNE  L5C21
      DEC  $95
      BNE  L5C1C
      JSR  L2905
      DCI  '/w1'0D'/Go'80
      LDA  L6E0B
      JSR  L28ED
      JSR  L2905
      DCI  0D'/GR'80
      LDA  #$41
      BIT  L6E0C
      BPL  L5C79
      LDA  #$4D
L5C79  JSR  L28ED
      JSR  L2905
      DCI  0D80
      LDA  L6E02
      BEQ  L5C89
      JSR  L6217
L5C89  LDA  L6E01
      BEQ  L5CD9
      JSR  L2905
      DCI  '/X'80
      LDX  L6E03
      LDA  $7D,X
      SEC
      SBC  $7B,X
      PHA
      LDA  #$56
      CPX  #$00
      BNE  L5CA5
      LDA  #$48
L5CA5  JSR  L28ED
      PLA
      JSR  L3C05
      JSR  L2905
      DCI  0D80
      JSR  L5D07
      JSR  L2905
      DCI  ';'80
      JSR  L6217
      JSR  L5D07
      LDA  L6E08
      BNE  L5CC9
      JSR  L2905
      DCI  ';'80
L5CC9  BIT  L6E05
      BPL  L5CD6
      JSR  L2905
      DCI  '/WS'0D80
L5CD6  JMP  L5CDC

L5CD9  JSR  L5D07
L5CDC  LDA  #$0D
      JSR  L28ED
      JMP  L5CEA

L5CE4  LSR  $768D
      JMP  L5CF1

L5CEA  SEC
      ROR  $768D
      JSR  L3968

```

L5CF1	JSR	L08B9
	JSR	L15DA
	PHP	
	JSR	L08BD
	PLP	
	BCC	L5D06
	BIT	\$768D
	BPL	L5D06
	JSR	L37A2
L5D06	RTS	
L5D07	LDX	\$94
	BEQ	L5D1F
	LDA	L319A,X
	PHA	
	JSR	L2905
	DCI	'/GF'80
	PLA	
	JSR	L28ED
	JSR	L2905
	DCI	0D80
L5D1F	JSR	L2905
	DCI	'/GC'80
	LDA	\$85
	JSR	L3C05
	JSR	L2905
	DCI	0D80
	LDA	\$81
	ORA	\$82
	BEQ	L5D5C
	LDX	#\$0C
	JSR	L5D7D
	LDX	#\$01
L5D3D	LDA	\$81,X
	BEQ	L5D59
	STA	\$95,X
	DEC	\$95,X
	JSR	L5D8F
	JSR	L2905
	DCI	'/T'80
	LDA	L5024,X
	JSR	L28ED
	JSR	L2905
	DCI	0D80
L5D59	DEX	
	BPL	L5D3D
L5D5C	JSR	L2905
	DCI	'/X'80
	LDA	#\$21
	BIT	\$93
	BMI	L5D6A
	LDA	#\$2D
L5D6A	JSR	L28ED
	LDX	#\$04
	JSR	L5D7D
	LDA	\$75
	STA	\$95
	LDA	\$76
	STA	\$96
	JMP	L5D8F
L5D7D	LDA	\$73,X
	STA	\$95
	INC	\$95
	LDA	\$74,X
	STA	\$96
	INC	\$96
	JSR	L2905
	DCI	'/X'80
L5D8F	TXA	
	PHA	
	JSR	L2905
	DCI	'>'80
	JSR	L3AE5
	JSR	L2905
	DCI	':'80
	PLA	
	TAX	
	RTS	
	LDX	#\$19
	JSR	L36D6
	BCC	L5DAB
	JMP	L37A2
L5DAB	JSR	L105D
	LDA	#\$01
	STA	\$768F

```

        JMP    L5BDA

L5DB6   JSR    L5DC3
L5DB9   JSR    L0E57
        SEC
        RTS

L5DBE   JSR    L5DC3
L5DC1   BCS    L5DC1
L5DC3   JSR    L0854
        SEC
        RTS

L5DC8   LDY    $96
        BNE    L5DCF
        LDY    #$03
        RTS

L5DCF   LDY    $85
        RTS

L5DD2   BIT    L6E0D
        BPL    L5DD9
        PLA
        PLA
L5DD9   RTS

        TXA
        TAY
        LDY    #$00
        JSR    L0B54
        RTS

L5DE2   LDX    #$01
L5DE4   LDA    $73,X
        BEQ    L5E04
        CMP    $83,X
        BCC    L5DF4
        BEQ    L5DF4
        CLC
        ADC    $77,X
        JMP    L5DF7

L5DF4   CLC
        ADC    $7F,X
L5DF7   BCC    L5DFA
        RTS

L5DFA   BNE    L5DFE
        LDA    #$01
L5DFE   CMP    L5022,X
        BCC    L5E04
        RTS

L5E04   STA    $95,X
        DEX
        BPL    L5DE4
        JSR    L5F4C
        CLC
        RTS

L5E0E   JSR    L5E2F
L5E11   LDX    #$01
L5E13   LDA    $95,X
        STA    L6E06,X
        STA    $75,X
        DEX
        BPL    L5E13
        LDA    L6E02
        STA    L6E08
        JSR    L2B11
        JSR    L2A87
        JSR    L4B69
        JMP    L3B39

L5E2F   LDA    L6E08
        CMP    L6E02
        BEQ    L5E3D
        JSR    L6217
        JSR    L39CA
L5E3D   LDA    L6E06
        STA    $95
        LDA    L6E07
        STA    $96
        JMP    L2B11

L5E4A   PLA
        TAY

```

	PLA	
	TAX	
	LDA	\$95
	PHA	
	LDA	\$96
	PHA	
	JMP	L5E61
L5E57	PLA	
	TAY	
	PLA	
	TAX	
	PLA	
	STA	\$96
	PLA	
	STA	\$95
L5E61	TXA	
	PHA	
	TYA	
	PHA	
	RTS	
L5E66	JSR	L5E88A
	BIT	L6E0D
	BPL	L5E70
	SEC	
	RTS	
L5E70	BCS	L5E87
	LDX	#\$01
L5E74	LDA	\$95,X
	BEQ	L5E82
	CMP	\$81,X
	BCS	L5E82
	LDA	\$77,X
	CMP	\$7F,X
	BNE	L5E87
L5E82	DEX	
	BPL	L5E74
	CLC	
	RTS	
L5E87	JSR	L5F86
L5E8A	LDA	#\$FF
	STA	L6E16
	LDX	#\$01
L5E91	LDA	\$95,X
	BEQ	L5EB1
	CMP	\$81,X
	BCS	L5EA6
	CMP	\$7F,X
	BCC	L5E9F
	BNE	L5EA1
L5E9F	SEC	
	RTS	
L5EA1	SBC	\$7F,X
	JMP	L5EB1
L5EA6	SEC	
	SBC	\$77,X
	CMP	\$83,X
	BCC	L5EAF
	BNE	L5EB1
L5EAF	SEC	
	RTS	
L5EB1	CMP	\$79,X
	BCC	L5EB7
	SEC	
	RTS	
L5EB7	STA	\$73,X
	DEX	
	BPL	L5E91
	SEC	
	JSR	L5DD2
L5EC0	JSR	L29D3
	LDA	\$73
	CLC	
	ADC	\$7B
	JSR	L28E4
	LDX	\$74
	LDA	\$86,X
	STA	L6E17
	JSR	L5DC8
	STY	L6E15
	CLC	

```

RTS
L5EDA LDA $70AC,X
      TAY
      AND #C0
      CMP #80
      BNE L5EF0
      TYA
      AND #3F
      STA $96
      LDA $70AD,X
      STA $95
      CLC
      RTS
L5EF0 LDA #01
      STA $96
      STA $95
      SEC
      RTS
L5EF8 SEC
      ROR $7690
      JMP L5F02
L5EFF LSR $7690
L5F02 BIT $7690
      BPL L5F0C
      CPX #89
      JMP L5F0E
L5F0C CPX #7C
L5F0E BCC L5F13
      JMP L5DC3
L5F13 LDA $70AA
      BNE L5F1A
      LDA #01
L5F1A CMP #FF
      BCC L5F20
      LDA #FE
L5F20 INX
      JSR L5F3D
      LDA $70AB
      BNE L5F2B
      LDA #01
L5F2B CMP #40
      BCC L5F31
      LDA #3F
L5F31 AND #3F
      ORA #80
      DEX
      JSR L5F3D
      INX
      INX
      CLC
      RTS
L5F3D BIT $7690
      BPL L5F48
      STA $714C,X
      JMP L5F4B
L5F48 STA $70AC,X
L5F4B RTS
L5F4C LDY $95
      CPY L6E1C
      BCS L5F66
      LDA $96
      CMP L6E1D
      BCS L5F66
      ASL
      ADC ($6D),Y
      STA $71
      LDA ($6F),Y
      ADC #00
      STA $72
      RTS
L5F66 LDA #00
      STA $72
      RTS
L5F6B JSR L5F4C
      BNE L5F75
      STA $6C
      STA $6B

```

```

RTS
L5F75  LDY  #$00
      LDA  ($71),Y
      STA  $6B
      INY
      LDA  ($71),Y
      STA  $6C
      JSR  L47A0
      LDA  $6C
      RTS

L5F86  JSR  L5FBEE
      JSR  L602A
      BIT  L6E05
      BPL  L5FBD
      LDA  L6DE3
      STA  $99
      LDA  L6DE4
      STA  $9A
      LDX  L6E04
      LDA  $77,X
      CMP  L6DE3,X
      BEQ  L5FBD
      STA  L6DE3,X
      JSR  L6217
      LDX  L6E04
      LDA  $77,X
      CMP  $7F,X
      BCS  L5FB7
      JSR  L62B9
L5FB7  JSR  L602A
      JSR  L6217
L5FBD  RTS

L5FBEE LDX  #$01
L5FC0  LDA  $77,X
      STA  $99,X
      LDA  $95,X
      BNE  L5FCD
      STA  $77,X
      JMP  L6000

L5FCD  CMP  $81,X
      BCS  L5FD7
      LDA  $7F,X
      STA  $77,X
      LDA  $95,X
L5FD7  CMP  $7F,X
      BCC  L5FDD
      BNE  L5FE0
L5FDD  JSR  L62B9
L5FE0  SEC
      SBC  $77,X
      BCS  L5FEE
      LDA  $95,X
      STA  $77,X
      DEC  $77,X
      JMP  L5FFB

L5FEE  CMP  $79,X
      BCC  L5FFB
      SEC
      LDA  $95,X
      SBC  $79,X
      STA  $77,X
      INC  $77,X
L5FFB  SEC
      LDA  $95,X
      SBC  $77,X
L6000  STA  $73,X
      LDA  $95,X
      BEQ  L6026
      CMP  $81,X
      BCC  L6026
L600A  LDA  $73,X
      CMP  $79,X
      BCC  L601A
      JSR  L62B9
      DEC  $73,X
      INC  $77,X
      JMP  L6026

L601A  CMP  $83,X
      BCC  L6020
      BNE  L6026
L6020  DEC  $77,X
      INC  $73,X

```

L6026	BNE	L600A
	DEX	
	BPL	L5FC0
	RTS	
L602A	BIT	L6E0F
	BPL	L6032
	JMP	L399A
L6032	SEC	
	LDA	\$99
	SBC	\$77
	BNE	L6052
	SEC	
	LDA	\$9A
	SBC	\$78
	BNE	L6041
	RTS	
L6041	CMP	#\$01
	BNE	L6048
	JMP	L633E
L6048	CMP	#\$FF
	BNE	L604F
	JMP	L6334
L604F	JMP	L6066
L6052	LDX	\$9A
	CPX	\$78
	BNE	L6066
	CMP	#\$01
	BNE	L605F
	JMP	L62C8
L605F	CMP	#\$FF
	BNE	L6066
	JMP	L62CF
L6066	JMP	L399A
L6069	STX	\$67
	STY	\$68
	STA	\$9A
	LDY	#\$00
	STY	\$99
L6073	LDX	\$9A
L6075	LDA	(\$67), Y
	CMP	#\$FF
	BNE	L607D
	SEC	
	RTS	
L607D	AND	#\$7F
	CMP	L6E2E, X
	BEQ	L608F
L6084	LDA	(\$67), Y
	ASL	
	INX	
	BCC	L6084
	INC	\$99
	JMP	L6073
L608F	LDA	(\$67), Y
	BPL	L609F
	LDA	\$99
	INX	
	CPX	L6E2D
	BNE	L609D
	CLC	
	RTS	
L609D	SEC	
	RTS	
L609F	INX	
	CPX	L6E2D
	BCC	L6075
	LDA	\$99
	INX	
	CLC	
	RTS	
	LDA	#\$11
	JSR	L63B6
	DB	\$48
	DB	\$0D
	DB	\$61

	DB	\$56
	DB	\$11
	DB	\$61
	DB	\$31
	DB	\$D5
	DB	\$60
	DB	\$53
	DB	\$BF
	DB	\$60
	DB	\$55
	DB	\$D1
	DB	\$60
	DB	\$FE
	LDA	L6E01
	BNE	L60C8
	JMP	L5DC3
L60C8	SEC	
	ROR	L6E05
	JSR	L61ED
	JMP	L61ED
	LSR	L6E05
	RTS	
L60D6	LDA	L6E01
	BEQ	L60EB
	LDA	#\$00
	STA	L6E01
	STA	L6E08
	LDA	\$85
	JSR	L60EC
	JMP	L3968
L60EB	RTS	
L60EC	PHA	
	LDA	#\$03
	STA	\$7B
	LDA	#\$00
	STA	\$7C
	STA	L6E01
	STA	L6E02
	STA	L6E05
	LDA	#\$18
	STA	\$7D
	LDA	#\$28
	STA	\$7E
	LDA	#\$15
	STA	\$79
	PLA	
	JMP	L6233
	LDX	#\$00
	BEQ	L6114
	LDX	#\$01
L6114	LDA	L6E01
	BEQ	L611C
	JMP	L5DC3
L611C	LDA	\$73,X
	CMP	#\$02
	BCS	L6125
	JMP	L5DC3
L6125	STX	L6E03
	TXA	
	EOR	#\$01
	STA	L6E04
	INC	L6E01
	LDY	#\$21
L6133	LDA	\$0073,Y
	STA	L6DDF,Y
	DEY	
	BPL	L6133
	LDA	\$77,X
	CLC	
	ADC	\$73,X
	STA	L6DE3,X
	DEC	L6DE3,X
	LDA	\$7D,X
	STA	L6DE9,X
	LDA	\$75
	STA	L6DE1
	LDA	\$76
	STA	L6DE2
	LDA	\$73,X
	STA	\$79,X
	DEC	L6E06,X

	CPX	#\$01
	BNE	L6168
	TAY	
	LDA	\$0086,Y
	JMP	L616B
L6168	CLC	
	ADC	\$7B,X
L616B	STA	\$7D,X
	STA	L6DE7,X
	LDA	L6DE5,X
	SEC	
	SBC	\$79,X
	STA	L6DE5,X
	LDA	L6DE9,X
	SEC	
	SBC	L6DE7,X
	CPX	#\$01
	BNE	L61BA
	CMP	#\$06
	BCS	L618B
	JMP	L61E1
L618B	JSR	L6217
	INC	\$7A
	LDA	\$7A
	PHA	
	JSR	L6231
	PLA	
	CMP	\$7A
	BEQ	L61B1
	LDX	\$85
	DEX	
	CPX	#\$03
	BCC	L61B1
	PHA	
	TXA	
	JSR	L6233
	PLA	
	CMP	\$7A
	BEQ	L61B1
	INC	\$85
	JSR	L6231
L61B1	JSR	L6217
	JSR	L6231
	JMP	L61C1
L61BA	CMP	#\$02
	BCS	L61C1
	JMP	L61E1
L61C1	JSR	L61D0
	JSR	L6217
	JSR	L61D0
	JSR	L6217
	JMP	L3968
L61D0	LDX	L6E03
	LDA	\$79,X
	SEC	
	SBC	\$83,X
	SEC	
	SBC	#\$02
	BPL	L61E0
	JSR	L62B9
L61E0	RTS	
L61E1	JSR	L60D6
	JMP	L5DC3
	JSR	L61ED
	JMP	L5E11
L61ED	LDA	L6E01
	BNE	L61F5
	JMP	L5DC3
L61F5	JSR	L39FD
	JSR	L6217
	LDX	L6E04
	LDA	\$95,X
	PHA	
	LDA	\$75
	STA	\$95
	LDA	\$76
	STA	\$96
	PLA	
	BIT	L6E05

L6211	BPL	L6211
	STA	\$95,X
	JSR	L39CA
	JMP	L2B11
L6217	LDX	#\$21
L6219	LDA	\$73,X
	TAY	
	LDA	L6DDF,X
	STA	\$73,X
	TYA	
	STA	L6DDF,X
	DEX	
	BPL	L6219
	LDA	L6E02
	EOR	#\$01
	STA	L6E02
	RTS	
L6231	LDA	\$85
L6233	CMP	#\$03
	BCS	L6239
	LDA	#\$03
L6239	CMP	#\$80
	BCC	L623F
	LDA	#\$7F
L623F	STA	\$85
	LDA	\$7C
	LDY	#\$00
	STA	\$0086,Y
	INY	
	CLC	
	ADC	#\$03
L624C	STA	\$0086,Y
	INY	
	CLC	
	ADC	\$85
	CMP	\$7E
	BCC	L6262
	BEQ	L625F
	DEY	
	LDA	#\$00
	STA	\$0086,Y
L625F	JMP	L6266
L6262	CPY	#\$0D
	BCC	L624C
L6266	STY	\$7A
	DEY	
	BEQ	L626D
	CLC	
	RTS	
L626D	DEC	\$85
	LDA	\$85
	CMP	#\$03
	BCS	L623F
	SEC	
	RTS	
	LDA	#\$12
	JSR	L63B6
	DB	\$48
	DB	\$8B
	DB	\$62
	DB	\$56
	DB	\$90
	DB	\$62
	DB	\$4E
	DB	\$A8
	DB	\$62
	DB	\$42
	DB	\$88
	DB	\$62
	DB	\$FE
	JSR	L6291
	LDX	#\$00
	JMP	L6293
L6291	LDX	#\$01
L6293	LDA	\$77,X
	STA	\$7F,X
	LDA	\$95,X
	STA	\$81,X
	INC	\$81,X
	SEC	
	SBC	\$7F,X
	STA	\$83,X

	SEC	
	ROR	L6E0F
	JMP	L5E0E
	TXA	
	PHA	
L62AD	LDX	#\$01
	JSR	L62B9
	DEX	
	BPL	L62AD
	JSR	L5E0E
	PLA	
	TAX	
	RTS	
L62B9	PHA	
	SEC	
	ROR	L6E0F
	LDA	#\$00
	STA	\$81,X
	STA	\$7F,X
	STA	\$83,X
	PLA	
	RTS	
L62C8	LDX	\$83
	INX	
	LDA	#\$01
	BNE	L62D4
L62CF	LDX	\$79
	DEX	
	LDA	#\$FF
L62D4	STX	\$73
	STA	\$7691
	LDA	\$79
	SEC	
	SBC	#\$02
	SEC	
	SBC	\$83
	STA	\$7698
	LDA	\$7B
	SEC	
	ADC	\$83
	BIT	\$7691
	BMI	L62FB
	STA	\$7696
	CLC	
	ADC	\$7691
	STA	\$769A
	JMP	L6305
L62FB	STA	\$769A
	SEC	
	SBC	\$7691
	STA	\$7696
L6305	LDA	\$7C
	STA	\$7695
	STA	\$7699
	LDA	\$7E
	SEC	
	SBC	\$7695
	STA	\$7697
	LDX	#\$95
	LDY	#\$76
	JSR	L08FD
	JSR	L5E4A
	LDA	#\$00
L6322	STA	\$74
	PHA	
	JSR	L3A09
	PLA	
	CLC	
	ADC	#\$01
	CMP	\$7A
	BCC	L6322
	JSR	L5E57
	RTS	
L6334	LDA	#\$00
	SEC	
	SBC	\$85
	LDX	\$7A
	DEX	
	BNE	L6343
L633E	LDX	\$84
	INX	
	LDA	\$85
L6343	STX	\$74

	STA	\$7691
	LDA	\$7B
	STA	\$7696
	STA	\$769A
	LDX	\$84
	LDA	\$87,X
	BIT	\$7691
	BMI	L6366
	STA	\$7695
	CLC	
	ADC	\$7691
	STA	\$7699
	JMP	L6370
L6366	STA	\$7699
	SEC	
	SBC	\$7691
L6370	STA	\$7695
	LDA	\$79
	STA	\$7698
	LDA	\$7A
	SEC	
	SBC	\$84
	SEC	
	SBC	#\$02
	BCC	L639A
	BEQ	L639A
	STA	\$7697
	LDX	\$85
L6386	DEX	
	BEQ	L6390
	CLC	
	ADC	\$7697
	JMP	L6386
L6390	STA	\$7697
	LDX	#\$95
	LDY	#\$76
	JSR	L08FD
L639A	JSR	L5E4A
	LDA	#\$00
	STA	\$73
L63A1	JSR	L3A09
	INC	\$73
	LDA	\$73
	CMP	\$79
	BCC	L63A1
	JSR	L5E57
	RTS	
L63B0	PHA	
	TXA	
	JSR	L4EA8
	PLA	
L63B6	JSR	L4EB8
L63B9	PLA	
	STA	\$B2
	PLA	
	STA	\$B3
	LSR	\$769B
	JSR	L0F8E
	LDY	#\$01
L63C7	LDA	(\$B2),Y
	BPL	L6403
	CMP	#\$FE
	BNE	L63D2
	JMP	L5DB6
L63D2	CMP	#\$FD
	BNE	L63DE
	SEC	
	ROR	\$769B
	INY	
	JMP	L63C7
L63DE	CMP	#\$FF
	BNE	L63F2
	TYA	
	CLC	
	ADC	\$B2
	TAX	
	LDA	\$B3
	ADC	#\$00
	PHA	
	TXA	
	PHA	
	LDA	L68EA
	RTS	

L63F2	AND	#\$7F
	TAX	
	LDA	L68EB, X
	BPL	L6400
	LDA	L68EA
	JMP	L641C
L6400	JMP	L6413
L6403	CMP	L68EA
	BNE	L6413
	BIT	\$769B
	BMI	L6410
	JSR	L0E57
L6410	JMP	L641C
L6413	INY	
	INY	
	INY	
	LSR	\$769B
	JMP	L63C7
L641C	TAX	
	INY	
	INY	
	LDA	(\$B2), Y
	PHA	
	DEY	
	LDA	(\$B2), Y
	PHA	
	TXA	
	RTS	
L6428	LDA	L6E2D
	STA	\$769C
	STX	\$B2
	STY	\$B3
L6432	JSR	L0F8E
	CMP	#\$1B
	BNE	L644C
	JSR	L0E57
	LDA	L6E2D
	CMP	\$769C
	BNE	L6446
	SEC	
	RTS	
L6446	JSR	L2AD1
	JMP	L645C
L644C	JSR	L6462
	BCC	L6456
	LDA	L68EA
	CLC	
	RTS	
L6456	LDA	L68EA
	JSR	L28ED
L645C	JSR	L0E57
	JMP	L6432
L6462	LDY	#\$00
L6464	LDA	(\$B2), Y
	BPL	L6479
	CMP	#\$FF
	BEQ	L6484
	AND	#\$7F
	TAX	
	LDA	L68EB, X
	BPL	L6476
	CLC	
	RTS	
L6476	JMP	L6480
L6479	CMP	L68EA
	BNE	L6480
	CLC	
	RTS	
L6480	INY	
	JMP	L6464
L6484	SEC	
	RTS	
L6486	LDY	\$769C
	CPY	L6E2D
	BCC	L6490

```

SEC
RTS
L6490 LDA L6E2E, Y
      INC $769C
      CLC
      RTS
L6498 STA $769D
      PLA
      STA $B2
      PLA
      STA $B3
      TYA
      PHA
      LDY #$01
L64A5 LDA ($B2), Y
      CMP #$80
      BNE L64B7
      TYA
      ADC $B2
      STA $B2
      BCC L64B4
      INC $B3
L64B4 SEC
      BCS L64D0
L64B7 CMP $769D
      BNE L64CB
      INY
      LDA ($B2), Y
      PHA
      INY
      LDA ($B2), Y
      STA $B3
      PLA
      STA $B2
      CLC
      BCC L64D0
L64CB INY
      INY
      INY
      BNE L64A5
L64D0 PLA
      TAY
      LDA $769D
      JMP ($00B2)
L64D8 TYA
      JSR L64EE
      BCC L64DF
      RTS
L64DF ASL
      ASL
      ASL
      ASL
      STA $769E
      TXA
      JSR L64EE
      ORA $769E
      RTS
L64EE AND #$7F
      CMP #$61
      BCC L64F6
      AND #$DF
L64F6 CMP #$30
      BCS L64FC
      SEC
      RTS
L64FC CMP #$3A
      BCC L650D
      CMP #$41
      BCS L6506
      SEC
      RTS
L6506 CMP #$47
      BCC L650B
      RTS
L650B SBC #$06
L650D AND #$0F
      CLC
      RTS
L6511 SEI

```

```

JSR L6600
CLI
RTS

L6517 JSR L651E
      DB $23
      DB $FF
      DB $1E
      DB $AB
L651E LDA #$C7
      STA $0404
      LDA #$CF
      STA $0405
      LDA #$2D
      STA $28
      LDA #$FF
      STA $29
L6530 LDA L6530
      STA L655A
      EOR #$E0
      STA L6561
      LDA L656C+1
      EOR L6568+1
      STA L656C+1
      LDA #$03
      CLC
      ADC #$01
      STA L655A+2
      STA L6561+2
      LDA #$00
      STA L655A+1
      STA L6561+1
      INC L6561+1
L655A STA L1234
      EOR #$D6
      BNE L6570
L6561 STA L6561
      EOR #$C3
      BNE L6570
L6568 EOR #$37
      STA $28
L656C EOR #$5A
      STA $29
L6570 LDX #$59
L6572 LDA L6517,X
      ROL
      EOR L6517+2,X
      STA L6517,X
      DEX
      BPL L6572
      LDA $03E4
      EOR #$E4
      EOR L5336+$22
      EOR $03E5
      EOR #$E5
      EOR L5336+$23
      EOR $28
      STA $28
      JMP ($0028)

L6596 ORA #$C0
      STA L659E+2
      LDA RDROM1
L659E JMP KBD

L65A1 DB $FF
      DCI 'VC-208B0-AP2' '80
L65B5 DB $00
L65B6 DB $00
L65B7 DB $00
L65B8 DB $00
L65B9 DB $00
L65BA DB $00
L65BB DB $00
L65BC DB $00
L65BD DB $00
L65BE DB $00
L65BF DB $00
L65C0 DB $C0
L65C1 STA L65C7+2
L65C4 LDA RDROM1
L65C7 JMP KBD

      DCI 'VC-208B0-AP2' '80
      DB $00
      DB $00
      DB $00
      DB $FF

```


	STA	(\$B4),Y
	PLP	
	LDY	#\$00
L6675	PHP	
	ROR	
	BCC	L667D
	LDA	\$C08A,X
	BCS	L6680
L667D	LDA	\$C08B,X
L6680	ROR	\$BA
	PLP	
	PHP	
	BNE	L6691
	LDY	#\$07
L6688	JSR	L6B00
	DEY	
	BNE	L6688
	LDX	\$05F8
L6691	LDY	#\$04
	LDA	(\$B4),Y
	JSR	L675B
	PLP	
	BNE	L66AC
	LDY	\$BF
	BPL	L66AC
L669F	LDY	#\$12
L66A1	DEY	
	BNE	L66A1
	INC	\$BE
	BNE	L669F
	INC	\$BF
	BNE	L669F
L66AC	LDY	#\$0C
	LDA	(\$B4),Y
	BEQ	L670C
	CMP	#\$04
	BEQ	L670E
	ROR	
	PHP	
	BCS	L66BD
	JSR	L6900
L66BD	LDY	#\$30
	STY	\$76A2
L66C2	LDX	\$05F8
	JSR	L6A44
	BCC	L66EE
L66CA	DEC	\$76A2
	BPL	L66C2
L66CF	LDA	\$0478
	PHA	
	LDA	#\$60
	JSR	L6796
	DEC	\$76A0
	BEQ	L6705
	LDA	#\$04
	STA	\$76A1
	LDA	#\$00
	JSR	L675B
	PLA	
L66E8	JSR	L675B
	JMP	L66BD
	LDY	\$2E
L66EE	CPY	\$0478
	BEQ	L6711
	LDA	\$0478
	PHA	
	TYA	
	JSR	L6796
	PLA	
	DEC	\$76A1
	BNE	L66E8
	BEQ	L66CF
L6705	PLA	
	LDA	#\$40
L6708	PLP	
	JMP	L6748+1
L670C	BEQ	L6747
L670E	JMP	L67B0
	LDY	#\$03
L6711	LDA	(\$B4),Y
	PHA	
	LDA	\$2F
	LDY	#\$0E
	STA	(\$B4),Y
	PLA	

	BEQ	L6727
	CMP	\$2F
	BEQ	L6727
	LDA	#20
	BNE	L6708
L6727	LDY	#\$05
	LDA	(\$B4),Y
	TAY	
	LDA	L68B9,Y
	CMP	\$2D
	BNE	L66CA
	PLP	
	BCC	L6752
	JSR	L69DC
	PHP	
	BCS	L66CA
	PLP	
	LDX	#\$00
	STX	\$C1
	JSR	L69C2
	LDX	\$05F8
L6747	CLC	
L6748	BIT	\$38
	LDY	#\$0D
	STA	(\$B4),Y
	LDA	\$C088,X
	RTS	
L6752	JSR	L692A
	BCC	L6747
	LDA	#\$10
	BCS	L6748+1
L675B	PHA	
	LDY	#\$01
	LDA	(\$B6),Y
	ROR	
	PLA	
	BCC	L676C
	ASL	
	JSR	L676C
	LSR	\$0478
	RTS	
L676C	STA	\$2E
	JSR	L678F
	LDA	\$0478,Y
	BIT	\$BA
	BMI	L677B
	LDA	\$04F8,Y
L677B	STA	\$0478
	LDA	\$2E
	BIT	\$BA
	BMI	L6787
	STA	\$04F8,Y
L6787	BPL	L678C
	STA	\$0478,Y
L678C	JMP	L6AA0
L678F	TXA	
	LSR	
	LSR	
	LSR	
	LSR	
	TAY	
	RTS	
L6796	PHA	
	LDY	#\$02
	LDA	(\$B4),Y
	ROR	
	ROR	\$BA
	JSR	L678F
	PLA	
	ASL	
	BIT	\$BA
	BMI	L67AA
	STA	\$04F8,Y
L67AA	BPL	L67AF
	STA	\$0478,Y
L67AF	RTS	
L67B0	LDY	#\$03
	LDA	(\$B4),Y
	STA	\$BB
	LDA	#\$AA
	STA	\$B8
	LDY	#\$56
	LDA	#\$00

	STA	\$BC
L67C0	STA	L6C00+\$FF, Y
	DEY	
	BNE	L67C0
L67C6	STA	L6C00, Y
	DEY	
	BNE	L67C6
	LDA	#\$50
	JSR	L6796
	LDA	#\$28
	STA	\$BD
L67D5	LDA	\$BC
	JSR	L675B
	JSR	L680E
	LDA	#\$08
	BCS	L6805
	LDA	#\$30
	STA	\$76A2
L67E6	SEC	
	DEC	\$76A2
	BEQ	L6805
	JSR	L6A44
	BCS	L67E6
	LDA	\$2D
	BNE	L67E6
	JSR	L69DC
	BCS	L67E6
	INC	\$BC
	LDA	\$BC
	CMP	#\$23
	BCC	L67D5
	CLC	
	BCC	L680A
L6805	LDY	#\$0D
	STA	(\$B4), Y
	SEC	
L680A	LDA	\$/C088, X
	RTS	
L680E	LDA	#\$00
	STA	\$/C0
	LDY	#\$80
	BNE	L6818
L6816	LDY	\$BD
L6818	JSR	L6D56
	BCS	L6888
	JSR	L692A
	BCS	L6888
	INC	\$/C0
	LDA	\$/C0
	CMP	#\$10
	BCC	L6816
	LDY	#\$0F
	STY	\$/C0
	LDA	#\$30
	STA	\$76A2
L6833	STA	L68A9, Y
	DEY	
	BPL	L6833
	LDY	\$BD
L683B	JSR	L6888
	JSR	L6888
	JSR	L6888
	PHA	
	PLA	
	NOP	
	DEY	
	BNE	L683B
	JSR	L6A44
	BCS	L6872
	LDA	\$2D
	BEQ	L6868
	LDA	#\$10
	CMP	\$BD
	LDA	\$BD
	SBC	#\$01
	STA	\$BD
	CMP	#\$05
	BCS	L6872
	SEC	
	RTS	
L6863	JSR	L6A44
	BCS	L686D
L6868	JSR	L69DC
	BCC	L6889
L686D	DEC	\$76A2
	BNE	L6863


```

L6904  DEY
        LDA ($B8),Y
        LSR
        ROL L6D00,X
        LSR
        ROL L6D00,X
        STA L6C00,Y
        INX
        CPX #$56
        BCC L6904
        LDX #$00
        TYA
        BNE L6904
        LDX #$55
L691E  LDA L6D00,X
        AND #$3F
        STA L6D00,X
        DEX
        BPL L691E
        RTS

L692A  SEC
        STX $C2
        STX $76A4
        LDA $C08D,X
        LDA $C08E,X
        BMI L69B4
        LDA L6D00
        STA $C1
        LDA #$FF
        STA $C08F,X
        ORA $C08C,X
        PHA
        PLA
        NOP
        LDY #$04
L694A  PHA
        PLA
        JSR L69B9
        DEY
        BNE L694A
        LDA #$D5
        JSR L69B8
        LDA #$AA
        JSR L69B8
        LDA #$AD
        JSR L69B8
        TYA
        LDY #$56
        BNE L6969
L6966  LDA L6D00,Y
L6969  EOR L6C00+$FF,Y
        TAX
        LDA L6B29,X
        LDX $C2
        STA $C08D,X
        LDA $C08C,X
        DEY
        BNE L6966
        LDA $C1
        NOP
L697E  EOR L6C00,Y
        TAX
        LDA L6B29,X
        LDX $76A4
        STA $C08D,X
        LDA $C08C,X
        LDA L6C00,Y
        INY
        BNE L697E
        TAX
        LDA L6B29,X
        LDX $C2
        JSR L69BB
        LDA #$DE
        JSR L69B8
        LDA #$AA
        JSR L69B8
        LDA #$EB
        JSR L69B8
        LDA #$FF
        JSR L69B8
        LDA $C08E,X
L69B4  LDA $C08C,X
        RTS

L69B8  CLC
L69B9  PHA

```

L69BB	PLA STA \$C08D,X ORA \$C08C,X RTS
L69C2	LDY #\$00
L69C4	LDX #\$56
L69C6	DEX BMI L69C4 LDA L6C00,Y LSR L6D00,X ROL LSR L6D00,X ROL STA (\$B8),Y INY CPY \$C1 BNE L69C6 RTS
L69DC	LDY #\$20
L69DE	DEY BEQ L6A42
L69E1	LDA \$C08C,X BPL L69E1
L69E6	EOR #\$D5 BNE L69DE NOP
L69EB	LDA \$C08C,X BPL L69EB CMP #\$AA BNE L69E6 LDY #\$56
L69F6	LDA \$C08C,X BPL L69F6 CMP #\$AD BNE L69E6 LDA #\$00
L6A01	DEY STY \$C1
L6A04	LDY \$C08C,X BPL L6A04 EOR L6B00,Y LDY \$C1 STA L6D00,Y BNE L6A01
L6A13	STY \$C1
L6A15	LDY \$C08C,X BPL L6A15 EOR L6B00,Y LDY \$C1 STA L6C00,Y INY BNE L6A13
L6A25	LDY \$C08C,X BPL L6A25 CMP L6B00,Y BNE L6A42
L6A2F	LDA \$C08C,X BPL L6A2F CMP #\$DE BNE L6A42 NOP
L6A39	LDA \$C08C,X BPL L6A39 CMP #\$AA BEQ L6A9E
L6A42	SEC RTS
L6A44	LDY #\$FC STY \$C1
L6A48	INY BNE L6A4F INC \$C1 BEQ L6A42
L6A4F	LDA \$C08C,X BPL L6A4F
L6A54	CMP #\$D5 BNE L6A48 NOP
L6A59	LDA \$C08C,X BPL L6A59 CMP #\$AA BNE L6A54 LDY #\$03
L6A64	LDA \$C08C,X BPL L6A64

```

CMP      #$96
BNE      L6A54
LDA      #$00
L6A6F    STA      $C2
L6A71    LDA      $C08C,X
        BPL      L6A71
        ROL
        STA      $C1
L6A79    LDA      $C08C,X
        BPL      L6A79
        AND      $C1
        STA      |$002C,Y
        EOR      $C2
        DEY
        BPL      L6A6F
        TAY
        BNE      L6A42
L6A8B    LDA      $C08C,X
        BPL      L6A8B
        CMP      #$DE
        BNE      L6A42
        NOP
L6A95    LDA      $C08C,X
        BPL      L6A95
        CMP      #$AA
        BNE      L6A42
L6A9E    CLC
        RTS

L6AA0    STX      $C4
        STA      $C3
        CMP      $0478
        BEQ      L6AFC
        LDA      #$00
        STA      $C1
L6AAD    LDA      $0478
        STA      $C2
        SEC
        SBC      $C3
        BEQ      L6AEA
        BCS      L6AC0
        EOR      #$FF
        INC      $0478
        BCC      L6AC5
L6AC0    ADC      #$FE
        DEC      $0478
L6AC5    CMP      $C1
        BCC      L6ACB
        LDA      $C1
L6ACB    CMP      #$0C
        BCS      L6AD0
        TAY
L6AD0    SEC
        JSR      L6AEE
        LDA      L6B11,Y
        JSR      L6B00
        LDA      $C2
        CLC
        JSR      L6AF1
        LDA      L6B1D,Y
        JSR      L6B00
        INC      $C1
        BNE      L6AAD
L6AEA    JSR      L6B00
        CLC
L6AEE    LDA      $0478
L6AF1    AND      #$03
        ROL
        ORA      $C4
        TAX
        LDA      $C080,X
        LDX      $C4
L6AFC    RTS

        TAX
        LDY      #$A0
L6B00    LDX      #$11
L6B02    DEX
        BNE      L6B02
        INC      $BE
        BNE      L6B0B
        INC      $BF
L6B0B    SEC
        SBC      #$01
        BNE      L6B00
        RTS

L6B11    HEX      01302824201E1D1C1C1C1C1C

```

```

L6B1D  HEX  702C26221F1E1D1C1C1C1C
L6B29  HEX  96979A9B9D9E9FA6A7ABACADAEAFB2B3
      HEX  B4B5B6B7B9BABBBBCDBEBFCBCDCECFD3
      HEX  D6D7D9DADBDCDDDEDFE5E6E7E9EAEBEC
      HEX  EDEEEFF2F3F4F5F6F7F9FAFBFCDFEFFF
      HEX  E3B3A0E0B3C3C5B3A0E0B3C3C5B3A0E0
      HEX  B3B3C5AAA082B3B3C5AAA082C5B3B3AA
      HEX  8882C5B3B3AA8882C5C4B3B088
      HEX  0001989902039C040506A0A1A2A3A4A5
      HEX  0708A8A9AA090A0B0C0DB0B10E0F1011
      HEX  1213B81415161718191AC0C1C2C3C4C5
      HEX  C6C7C8C9CA1BCC1C1D1ED0D1D21FD4D5
      HEX  2021D822232425262728E0E1E2E3E429
      HEX  2A2BE82C2D2E2F303132F0F133343536
      HEX  3738F8393A3B3C3D3E3F
L6C00  DS   $100
L6D00  HEX  00000000000000000000000000000000
      HEX  00000000000000000000000000000000
      HEX  00000000000000000000000000000000
      HEX  00000000000000000000000000000000
      HEX  00000000000000000000000000000000
      HEX  000000000000
L6D56  SEC
      LDA  $C08D,X
      LDA  $C08E,X
      BMI  L6DBD
      LDA  #$FF
      STA  $C08F,X
      CMP  $C08C,X
      PHA
      PLA
L6D69  JSR  L6DC3
      JSR  L6DC3
      STA  $C08D,X
      CMP  $C08C,X
      NOP
      DEY
      BNE  L6D69
      LDA  #$D5
      JSR  L6DD5
      LDA  #$AA
      JSR  L6DD5
      LDA  #$96
      JSR  L6DD5
      LDA  $BB
      JSR  L6DC4
      LDA  $BC
      JSR  L6DC4
      LDA  $C0
      JSR  L6DC4
      LDA  $BB
      EOR  $BC
      EOR  $C0
      PHA
      LSR
      ORA  $B8
      STA  $C08D,X
      LDA  $C08C,X
      PLA
      ORA  #$AA
      JSR  L6DD4
      LDA  #$DE
      JSR  L6DD5
      LDA  #$AA
      JSR  L6DD5
      LDA  #$EB
      JSR  L6DD5
      CLC
L6DBD  LDA  $C08E,X
      LDA  $C08C,X
L6DC3  RTS
L6DC4  PHA
      LSR
      ORA  $B8
      STA  $C08D,X
      CMP  $C08C,X
      PLA
      NOP
      NOP
      NOP
      ORA  #$AA
L6DD4  NOP
L6DD5  NOP
      PHA
      PLA
      STA  $C08D,X
      CMP  $C08C,X

```


RTS

L6DDF	DB	\$00
	DB	\$00
L6DE1	DB	\$52
L6DE2	DB	\$52
L6DE3	DB	\$41
L6DE4	DB	\$D9
L6DE5	DB	\$44
	DB	\$49
L6DE7	DB	\$56
	DB	\$49
L6DE9	DB	\$53
	DB	\$49
	DB	\$4F
	DB	\$4E
	DB	\$20
	DB	\$42
	DB	\$59
	DB	\$20
	DB	\$5A
	DB	\$45
	DB	\$52
	DB	\$CF
	DB	\$49
	DB	\$4C
	DB	\$4C
	DB	\$45
	DB	\$47
	DB	\$41
	DB	\$4C
	DB	\$20
	DB	\$44
	DB	\$49
	DB	\$52
	DB	\$D3
L6E01	DB	\$18
L6E02	DB	\$90
L6E03	DB	\$05
L6E04	DB	\$A0
L6E05	DB	\$0D
L6E06	DB	\$91
L6E07	DB	\$48
L6E08	DB	\$38
	DB	\$BD
L6E0A	DB	\$88
L6E0B	DB	\$C0
L6E0C	DB	\$60
L6E0D	DB	\$A9
L6E0E	DB	\$00
L6E0F	DB	\$85
	DB	\$3F
L6E11	DB	\$A0
L6E12	DB	\$80
L6E13	DB	\$D0
L6E14	DB	\$02
L6E15	DB	\$A4
L6E16	DB	\$45
L6E17	DB	\$20
L6E18	DB	\$56
L6E19	DB	\$BC
L6E1A	DB	\$B0
L6E1B	DB	\$6B
L6E1C	DB	\$20
L6E1D	DB	\$2A
L6E1E	DB	\$B8
L6E1F	DB	\$B0
L6E20	DB	\$66
L6E21	DB	\$E6
L6E22	DB	\$3F
L6E23	DB	\$A5
L6E24	DB	\$3F
L6E25	DB	\$C9
	DB	\$10
	DB	\$90
	DB	\$EC
L6E29	DB	\$A0
L6E2A	DB	\$0F
L6E2B	DB	\$84
L6E2C	DB	\$3F
L6E2D	DB	\$A9
L6E2E	DB	\$30
L6E2F	DB	\$8D
	DB	\$78
	DB	\$05
	DB	\$99
	DB	\$A8
	DB	\$BF

DB \$88
DB \$10
DB \$FA
DB \$A4
DB \$45
DB \$20 ; BF87
DB \$87
DB \$BF
DB \$20
DB \$87
DB \$BF
DB \$20
DB \$87
DB \$BF
DB \$48
DB \$68
DB \$EA
DB \$88
DB \$D0
DB \$F1
DB \$20
DB \$44
DB \$B9
DB \$B0
DB \$23
DB \$A5
DB \$2D
DB \$F0
DB \$15
DB \$A9
DB \$10
DB \$C5
DB \$45
DB \$A5
DB \$45
DB \$E9
DB \$01
DB \$85
DB \$45
DB \$C9
DB \$05
DB \$B0
DB \$11
DB \$38
DB \$60
DB \$20
DB \$44
DB \$B9
DB \$B0
DB \$05
DB \$20
DB \$DC
DB \$B8
DB \$90
DB \$1C
DB \$CE
DB \$78
DB \$05
DB \$D0
DB \$F1
DB \$20
DB \$44
DB \$B9
DB \$B0
DB \$0B
DB \$A5
DB \$2D
DB \$C9
DB \$0F
DB \$D0
DB \$05
DB \$20
DB \$DC
DB \$B8
DB \$90
DB \$8C
DB \$CE
DB \$78
DB \$05
DB \$D0
DB \$EB
DB \$38
DB \$60
DB \$A4
DB \$2D
DB \$B9
DB \$A8
DB \$BF

	DB	\$30
	DB	\$DD
	DB	\$A9
	DB	\$FF
	DB	\$99
	DB	\$A8
	DB	\$BF
	DB	\$C6
	DB	\$3F
	DB	\$10
	DB	\$CA
	DB	\$A5
	DB	\$44
	DB	\$D0
	DB	\$0A
	DB	\$A5
	DB	\$45
	DB	\$C9
	DB	\$10
	DB	\$90
	DB	\$E5
	DB	\$C6
	DB	\$45
	DB	\$C6
	DB	\$45
	DB	\$18
	DB	\$60
	DB	\$FF
	DB	\$FF
L6EAA	DB	\$FF
L6EAB	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$FF
	DB	\$00
	DB	\$0D
	DB	\$0B
	DB	\$09
	DB	\$07
	DB	\$05
	DB	\$03
	DB	\$01
	DB	\$0E
	DB	\$0C
	DB	\$0A
	DB	\$08
	DB	\$06
	DB	\$04
	DB	\$02
	DB	\$0F
	DB	\$20
	DB	\$93
	DB	\$FE
	DB	\$AD
	DB	\$81
	DB	\$C0
	DB	\$AD
	DB	\$81
	DB	\$C0
	DB	\$A9
	DB	\$00
	DB	\$8D
	DB	\$00
	DB	\$E0
	DB	\$4C
	DB	\$44
	DB	\$B7
	DB	\$00
	DB	\$00
	DB	\$00
	DB	\$8D
	DB	\$63
	DB	\$AA
	DB	\$8D
	DB	\$70
	DB	\$AA
	DB	\$8D
	DB	\$71
	DB	\$AA

L0270	PLP	
	RTS	
	DB	\$97
	DB	\$97
	DB	\$97
	DB	\$39
	DB	\$BC
	DB	\$56
	DB	\$97
	DB	\$3A
	DB	\$29
	DB	\$29
	DB	\$29
	DB	\$2B
	DB	\$5D
	DB	\$2A
	DB	\$29
	DB	\$38
	DB	\$D8
	DB	\$68
	DB	\$68
	DB	\$80
	DB	\$00
	DB	\$00
	DB	\$D0
	DB	\$00
	DB	\$00
	DB	\$26
	DB	\$26
	DB	\$FF
	DB	\$01
	DB	\$00
	JSR	\$0F83
	BCS	L029C
	LDX	#\$55
	LDY	#\$2C
	JSR	\$0E01
L029C	LSR	\$764C
	JSR	\$2BB8
	PHP	
	LSR	\$68FB
	BIT	\$764C
	BPL	L02B6
	PLP	
	LDA	#\$04
	JSR	\$2892
	LDA	#\$00
	JMP	\$0BA9
L02B6	PLP	
	RTS	
	TSX	
	STX	\$764B
	LDA	#\$05
	JSR	\$2892
	JSR	\$2AB2
	JSR	\$2C68
	LSR	\$764E
	LSR	\$712B
	LDX	\$9B
	DEX	
	BMI	L0303
	LDY	\$6F2C, X
	LDA	\$70AC, Y
	BPL	L02FF
	CMP	#\$F0
	BNE	L02E4
	JSR	\$2ECD
	JMP	\$2C40
L02E4	CMP	#\$E9
	BEQ	L02FF
	ASL	
	BPL	L02FF
	ROR	
	AND	#\$E0
	CMP	#\$C0
	BNE	L0303
	LDA	\$70AC, Y
	AND	#\$1F
	TAX	
	LDA	\$546C, X
	AND	#\$80
	BNE	L0303
L02FF	SEC	

L0303	ROR	\$712B
	LDA	#03
	JSR	\$4EB8
	JSR	\$2EB1
	BIT	\$712B
	BPL	L031E
	JSR	\$63B9
	DB	\$80
	DB	\$BF
	DB	\$2C
	DB	\$0D
	DB	\$C2
	DB	\$2C
	DB	\$FD
	DB	\$3B
	DB	\$BF
	DB	\$2C
	DB	\$FF
	MX	%11
L031E	JSR	\$0F8E
	CMP	#1B
	BNE	L0333
	JSR	\$0E57
	JSR	\$2ECD
	BCC	L0330
	JMP	\$2A87
L0330	JMP	\$2BC7
L0333	JSR	\$2DF4
	BCC	L0340
	LDA	\$9B
	BNE	L0340
	JSR	\$2C43
	RTS	
L0340	JMP	\$2BC7
	PHP	
	JSR	\$0F83
	BCS	L034B
	PLP	
	RTS	
L034B	SEC	
	ROR	\$65F3
	LDX	\$764B
	TXS	
	SEC	
	RTS	
	PHP	
	CMP	#05
	BNE	L0366
	JSR	\$0E57
	SEC	
	ROR	\$764C
	LDX	\$764B
	TXS	
	RTS	
L0366	PLP	
	RTS	
	LSR	\$764E
	JSR	\$1BFE
	LDY	#\$7F
	LDA	#\$FF
L0372	DEY	
	STA	\$70AC, Y
	BNE	L0372
	STY	\$70A9
	STY	\$9B
	TYA	
	LDY	#\$7F
L0380	DEY	
	STA	\$6F2C, Y
	STA	\$6FAB, Y
	BNE	L0380
	LDA	\$6E2D
	STA	\$6FAB
	RTS	
	STY	\$98
	PHA	
	LDY	\$70A9
	CPY	#\$7E
	BCC	L03AB
	TXA	
	PHA	

```

SEC
ROR $764E
JSR $2C43
JSR $5DC3
PLA
TAX
JMP $2CB3

L03AB STA $70AC,Y
      INY
      STY $70A9
      CLC
      PLA
      LDY $98
      RTS

      LDY $9B
      LDX $6F2C,Y
      LDA $70AC,X
      RTS

      JSR $2C43
      JSR $3FA2
      JSR $5E2F
      JSR $2CDC
      JSR $5E0E
      JMP $43A6

SEC
ROR $764D
JSR $2CDF
JSR $4BC9
LSR $764D
JSR L0200
JSR $2CF6
LDA #$00
STA $714C
JSR $2D3A
JMP $4C49

      JSR $2CF6
      JMP $4C49

      JSR $1C54
      JSR $4BB9
      LDA #$10
      STA |$4C

```

```

*-----*
*   Disassembled with The Flaming Bird Disassembler   *
*   (c) Phoenix corp. 1992,93 - All rights reserved   *
*-----*

```

```

TYP  BIN

ORG  $000000
DB   $76
DB   $E8
DB   $B7
DB   $4C
DB   $3A
DB   $DB
DB   $FF
DB   $FF
DB   $00
DB   $00
DB   $4C
DB   $99
DB   $E1
DB   $22
DB   $00
DB   $6B
DB   $00
DB   $00
DB   $FF
DB   $04
DB   $00
DB   $00
DB   $00
DB   $00
DB   $FF
DB   $00
DB   $00
DB   $00
DB   $FF
DB   $FF
DB   $00
DB   $00

```

DB \$00
DB \$97
DB \$00
DB \$28
DB \$00
DB \$18
DB \$00
DB \$00
DB \$00
DB \$03
DB \$00
DB \$04
DB \$00
DB \$60
DB \$25
DB \$15
DB \$1A
DB \$07
DB \$00
DB \$00
DB \$FF
DB \$AA
DB \$04
DB \$00
DB \$BD
DB \$9E
DB \$81
DB \$9E
DB \$00
DB \$03
DB \$05
DB \$00
DB \$00
DB \$34
DB \$00
DB \$03
DB \$A2
DB \$5B
DB \$82
DB \$98
DB \$FE
DB \$D8
DB \$E8
DB \$B7
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$21
DB \$37
DB \$69
DB \$FF
DB \$55
DB \$52
DB \$00
DB \$07
DB \$5D
DB \$D3
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$38
DB \$DE
DB \$00
DB \$80
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$00
DB \$08
DB \$27
DB \$08
DB \$27
DB \$08
DB \$27
DB \$08
DB \$00
DB \$96
DB \$00
DB \$FF
DB \$00
DB \$96
DB \$00

DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$00
DB \$00
DB \$08
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$00
DB \$00
DB \$00
DB \$88
DB \$FF
DB \$FF
DB \$FF
DB \$69
DB \$FF
DB \$00
DB \$0C
DB \$19
DB \$2A
DB \$60
DB \$EF
DB \$D8
DB \$98
DB \$29
DB \$A9
DB \$29
DB \$FF
DB \$00
DB \$9D
DB \$15
DB \$B8
DB \$D0
DB \$02
DB \$E6
DB \$B9
DB \$AD
DB \$05
DB \$02
DB \$C9
DB \$3A
DB \$B0
DB \$0A
DB \$C9
DB \$20
DB \$F0
DB \$EF
DB \$38
DB \$E9
DB \$30
DB \$38
DB \$E9
DB \$D0
DB \$60
DB \$80
DB \$4F
DB \$C7
DB \$52
DB \$00

DB \$FF
DB \$F6
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$F6
DB \$00
DB \$01
DB \$00
DB \$00
DB \$00
DB \$00
DB \$FF
DB \$FF
DB \$F8
DB \$00
DB \$FF
DB \$FF
DB \$00
DB \$00
DB \$FF
DB \$FF