

ORA0 103 BASIC (C000 - DFFF)

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C000 4C A3 DE      JMP  DEA3
C003 4C 7F C2      JMP  C27F
C006 FE CE D1      INC   D1CE,X
C009 D0 5D         BNE   C068
C00B C6 5B         DEC   5B
C00D C5 FF         CMP   FF
C00F CA           DEX
C010 66 C7         ROR   C7
C012 BB           @@@
C013 C9 D9         CMP   #D9
C015 CD EF C9      CMP   C9EF
C018 13           @@@
C019 C8           INY
C01A 13           @@@
C01B C7           @@@
C01C EB           @@@
C01D C6 96         DEC   96
C01F C7           @@@
C020 30 C6         BMI   BFE8
C022 F6 C6         INC   C6,X
C024 40           RTI
C025 C7           @@@
C026 A9 C7         LDA   #C7
C028 5B           @@@
C029 C6 B9         DEC   B9
C02B C7           @@@
C02C 02           @@@
C02D F0 6B         BEQ   C09A
C02F D5 14         CMP   14,X
C031 F0 9E         BEQ   BFD1
C033 C6 F0         DEC   F0
C035 D0 62         BNE   C099
C037 D5 A8         CMP   A8,X
C039 C8           INY
C03A 84 C6         STY   C6
C03C BB           @@@
C03D C4 80         CPY   80
C03F C4 FF         CPY   FF
C041 EF           @@@
C042 64           @@@
C043 C4 78         CPY   78
C045 D9 0B DA      CMP   DA0B,Y
C048 97           @@@

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C049 D9 03 00      CMP   0003,Y
C04C BD D0 DE      LDA   DED0,X
C04F D0 75         BNE   C0C6
C051 DC           @@@
C052 96 DD         STX   DD,Y
C054 29 D7         AND   #D7
C056 F1 DC         SBC   (DC),Y
C058 D2 DD         @@@
C059 DD D9 DD      CMP   DDD9,X
C05C 22           @@@
C05D DE B1 C3      DEC   C3B1,X
C060 4C D5 BA      JMP   BAD5
C063 D4 A3 D1 EB   @@@
C064 A3           @@@
C065 D1 EB         CMP   (EB),Y
C067 D4 C9 D4 2A   @@@
C068 C9 D4         CMP   #D4
C06A 2A           ROL
C06B D4 3E D4 6A   @@@
C06C 3E D4 6A      ROL   6AD4,X
C06F D4 75 D4 79   @@@
C070 75 D4         ADC   D4,X
C072 79 A8 D5      ADC   D5A8,Y
C075 79 91 D5      ADC   D591,Y
C078 7B           @@@
C079 69 D7         ADC   #D7
C07B 7B           @@@
C07C 50 D8         BVC   C056
C07E 7F           @@@
C07F 7E DC 50      ROR   50DC,X
C082 41 CD         EOR   (CD,X)
C084 46 3E         LSR   3E
C086 CD 7D B7      CMP   B77D
C089 DC           @@@
C08A 5A           @@@
C08B 9B           @@@
C08C CC 64 6E      CPY   6E64
C08F CD 45 4E      CMP   4E45
C092 C4 46         CPY   46
C094 4F           @@@
C095 D2 4E         @@@
C096 4E 45 58      LSR   5845
C099 D4 44 41 54   @@@
C09A 44           @@@
C09B 41 54         EOR   (54,X)

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C09D C1 49         CMP   (49,X)
C09F 4E 50 55      LSR   5550
COA2 D4 44 49 CD   @@@
COA3 44           @@@
COA4 49 CD         EOR   #CD
COA6 52           @@@
COA7 45 41         EOR   41
COA9 C4 44         CPY   44
COAB 44           @@@
COAC D4 47 4F 54   @@@
COAD 47           @@@
COAE 4F           @@@
COAF 54           @@@
COB0 CF           @@@
COB1 52           @@@
COB2 55 CE         EOR   CE,X
COB4 49 C6         EOR   #C6
COB6 52           @@@
COB7 45 53         EOR   53
COB9 54           @@@
COBA 4F           @@@
COBB 52           @@@
COBC C5 47         CMP   47
COBE 4F           @@@
COBF 53           @@@
COC0 55 C2         EOR   C2,X
COC2 52           @@@
COC3 45 54         EOR   54
COC5 55 52         EOR   52,X
COC7 CE 52 45      DEC   4552
COCA CD 53 54      CMP   5453
COCd 4F           @@@
COCE D0 4F         BNE   C11F
COD0 CE 44 52      DEC   5244
COD3 41 D7         EOR   (D7,X)
COD5 57           @@@
COD6 41 49         EOR   (49,X)
COD8 D4 4C 4F 41   @@@
COD9 4C 4F 41      JMP   414F
C0DC C4 53         CPY   53
CODE 41 56         EOR   (56,X)
COE0 C5 44         CMP   44
COE2 45 C6         EOR   C6
COE4 50 4F         BVC   C135
COE6 4B           @@@

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|------------------|------------|---------------|------------|---------------|------------|
| COE7 C5 50 | CMP 50 | C130 46 52 | LSR 52 | C178 4E 52 47 | LSR 4752 |
| COE9 52 | 000 | C132 C5 50 | CMP 50 | C17B 4F | 000 |
| COEA 49 4E | EOR #4E | C134 4F | 000 | C17C 44 | 000 |
| COEC D4 43 4F 4E | 000 | C135 D3 | 000 | C17D 46 43 | LSR 43 |
| COED 43 | 000 | C136 53 | 000 | C17F 4F | 000 |
| COEE 4F | 000 | C137 51 D2 | EOR (D2),Y | C180 56 4F | LSR 4F,X |
| COEF 4E D4 4C | LSR 4CD4 | C139 52 | 000 | C182 4D 55 53 | EOR 5355 |
| COF2 49 53 | EOR #53 | C13A 4E C4 4C | LSR 4CC4 | C185 42 | 000 |
| COF4 D4 43 4C 45 | 000 | C13D 4F | 000 | C186 53 | 000 |
| COF5 43 | 000 | C13E C7 | 000 | C187 44 | 000 |
| COF6 4C 45 41 | JMP 4145 | C13F 45 58 | EOR 58 | C188 44 | 000 |
| COF9 D2 47 | 000 | C141 D0 43 | BNE C186 | C189 2F | 000 |
| COFA 47 | 000 | C143 4F | 000 | C18A 30 49 | BMI C1D5 |
| COFB 45 D4 | EOR D4 | C144 D3 | 000 | C18C 44 | 000 |
| COFD 4E 45 D7 | LSR D745 | C145 53 | 000 | C18D 54 | 000 |
| C100 54 | 000 | C146 49 CE | EOR #CE | C18E 4D 4C 53 | EOR 534C |
| C101 41 42 | EOR (42,X) | C148 54 | 000 | C191 53 | 000 |
| C103 A8 | TAY | C149 41 CE | EOR (CE,X) | C192 54 | 000 |
| C104 54 | 000 | C14B 41 54 | EOR (54,X) | C193 43 | 000 |
| C105 CF | 000 | C14D CE 50 45 | DEC 4550 | C194 4E 55 46 | LSR 4655 |
| C106 46 CE | LSR CE | C150 45 CB | EOR CB | C197 20 45 52 | JSR 5245 |
| C108 53 | 000 | C152 4C 45 CE | JMP CE45 | C19A 52 | 000 |
| C109 50 43 | BVC C14E | C155 53 | 000 | C19B 4F | 000 |
| C10B A8 | TAY | C156 54 | 000 | C19C 52 | 000 |
| C10C 54 | 000 | C157 52 | 000 | C19D 00 | BRK |
| C10D 48 | PHA | C158 A4 56 | LDY 56 | C19E 20 49 4E | JSR 4E49 |
| C10E 45 CE | EOR CE | C15A 41 CC | EOR (CC,X) | C1A1 20 00 0D | JSR 0D00 |
| C110 4E 4F D4 | LSR D44F | C15C 41 53 | EOR (53,X) | C1A4 0A | ASL |
| C113 53 | 000 | C15E C3 | 000 | C1A5 20 42 52 | JSR 5242 |
| C114 54 | 000 | C15F 43 | 000 | C1A8 45 41 | EOR 41 |
| C115 45 D0 | EOR D0 | C160 48 | PHA | C1AA 4B | 000 |
| C117 AB | 000 | C161 52 | 000 | C1AB 00 | BRK |
| C118 AD AA AF | LDA AFAA | C162 A4 4C | LDY 4C | C1AC BA | TSX |
| C11B E0 41 | CPX #41 | C164 45 46 | EOR 46 | C1AD E8 | INX |
| C11D 4E C4 4F | LSR 4FC4 | C166 54 | 000 | C1AE E8 | INX |
| C120 D2 BE | 000 | C167 A4 52 | LDY 52 | C1AF E8 | INX |
| C121 BE BD BC | LDX BCBD,Y | C169 49 47 | EOR #47 | C1B0 E8 | INX |
| C124 53 | 000 | C16B 48 | PHA | C1B1 BD 01 01 | LDA 0101,X |
| C125 47 | 000 | C16C 54 | 000 | C1B4 C9 81 | CMP #81 |
| C126 CE 49 4E | DEC 4E49 | C16D A4 4D | LDY 4D | C1B6 D0 21 | BNE C1D9 |
| C129 D4 41 42 D3 | 000 | C16F 49 44 | EOR #44 | C1B8 A5 92 | LDA 92 |
| C12A 41 42 | EOR (42,X) | C171 A4 47 | LDY 47 | C1BA D0 0A | BNE C1C6 |
| C12C D3 | 000 | C173 CF | 000 | C1BC BD 02 01 | LDA 0102,X |
| C12D 55 53 | EOR 53,X | C174 00 | BRK | C1BF 85 91 | STA 91 |
| C12F D2 46 | 000 | C175 4E 46 53 | LSR 5346 | C1C1 BD 03 01 | LDA 0103,X |

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|---------------|------------|---------------|------------|---------------|------------|
| C1C4 85 92 | STA 92 | C215 C6 A3 | DEC A3 | C264 20 6C C9 | JSR C96C |
| C1C6 DD 03 01 | CMP 0103,X | C217 C6 A1 | DEC A1 | C267 BD 76 C1 | LDA C176,X |
| C1C9 D0 07 | BNE C1D2 | C219 CA | DEX | C26A 20 6C C9 | JSR C96C |
| C1CB A5 91 | LDA 91 | C21A D0 F2 | BNE C20E | C26D 20 9A C4 | JSR C49A |
| C1CD DD 02 01 | CMP 0102,X | C21C 60 | RTS | C270 A9 97 | LDA #97 |
| C1D0 F0 07 | BEQ C1D9 | C21D 0A | ASL | C272 A0 C1 | LDY #C1 |
| C1D2 8A | TXA | C21E 69 44 | ADC #44 | C274 20 4A C9 | JSR C94A |
| C1D3 18 | CLC | C220 B0 35 | BCS C257 | C277 A4 82 | LDY 82 |
| C1D4 69 12 | ADC #12 | C222 85 6A | STA 6A | C279 C8 | INY |
| C1D6 AA | TAX | C224 BA | TSX | C27A F0 03 | BEQ C27F |
| C1D7 D0 D8 | BNE C1B1 | C225 E4 6A | CPX 6A | C27C 20 1E F0 | JSR F01E |
| C1D9 60 | RTS | C227 90 2E | BCC C257 | C27F 46 10 | LSR 10 |
| C1DA 20 2A C2 | JSR C22A | C229 60 | RTS | C281 20 00 00 | JSR 0000 |
| C1DD 85 79 | STA 79 | C22A C4 7C | CPY 7C | C284 20 65 C3 | JSR C365 |
| C1DF 84 7A | STY 7A | C22C 90 28 | BCC C256 | C287 86 C6 | STX C6 |
| C1E1 38 | SEC | C22E D0 04 | BNE C234 | C289 84 C7 | STY C7 |
| C1E2 A5 A2 | LDA A2 | C230 C5 7B | CMP 7B | C28B 20 BF 00 | JSR 00BF |
| C1E4 E5 A7 | SBC A7 | C232 90 22 | BCC C256 | C28E AA | TAX |
| C1E6 85 6A | STA 6A | C234 48 | PHA | C28F F0 F3 | BEQ C284 |
| C1E8 A8 | TAY | C235 A2 09 | LDX #09 | C291 A2 FF | LDX #FF |
| C1E9 A5 A3 | LDA A3 | C237 98 | TYA | C293 86 82 | STX 82 |
| C1EB E5 A8 | SBC A8 | C238 48 | PHA | C295 90 06 | BCC C29D |
| C1ED AA | TAX | C239 B5 9F | LDA 9F,X | C297 20 AE C3 | JSR C3AE |
| C1EE E8 | INX | C23B CA | DEX | C29A 4C F8 C5 | JMP C5F8 |
| C1EF 98 | TYA | C23C 10 FA | BPL C238 | C29D 20 DA C7 | JSR C7DA |
| C1F0 F0 23 | BEQ C215 | C23E 20 64 D2 | JSR D264 | C2A0 20 AE C3 | JSR C3AE |
| C1F2 A5 A2 | LDA A2 | C241 A2 F7 | LDX #F7 | C2A3 84 08 | STY 08 |
| C1F4 38 | SEC | C243 68 | PLA | C2A5 20 36 C4 | JSR C436 |
| C1F5 E5 6A | SBC 6A | C244 95 A9 | STA A9,X | C2A8 90 44 | BCC C2EE |
| C1F7 85 A2 | STA A2 | C246 E8 | INX | C2AA A0 01 | LDY #01 |
| C1F9 B0 03 | BCS C1FE | C247 30 FA | BMI C243 | C2AC B1 A7 | LDA (A7),Y |
| C1FB C6 A3 | DEC A3 | C249 68 | PLA | C2AE 85 6B | STA 6B |
| C1FD 38 | SEC | C24A A8 | TAY | C2B0 A5 75 | LDA 75 |
| C1FE A5 A0 | LDA A0 | C24B 68 | PLA | C2B2 85 6A | STA 6A |
| C200 E5 6A | SBC 6A | C24C C4 7C | CPY 7C | C2B4 A5 A8 | LDA A8 |
| C202 85 A0 | STA A0 | C24E 90 06 | BCC C256 | C2B6 85 6D | STA 6D |
| C204 B0 08 | BCS C20E | C250 D0 05 | BNE C257 | C2B8 A5 A7 | LDA A7 |
| C206 C6 A1 | DEC A1 | C252 C5 7B | CMP 7B | C2BA 88 | DEY |
| C208 90 04 | BCC C20E | C254 B0 01 | BCS C257 | C2BB F1 A7 | SBC (A7),Y |
| C20A B1 A2 | LDA (A2),Y | C256 60 | RTS | C2BD 18 | CLC |
| C20C 91 A0 | STA (A0),Y | C257 A2 0C | LDX #0C | C2BE 65 75 | ADC 75 |
| C20E 88 | DEY | C259 46 10 | LSR 10 | C2C0 85 75 | STA 75 |
| C20F D0 F9 | BNE C20A | C25B 20 00 C9 | JSR C900 | C2C2 85 6C | STA 6C |
| C211 B1 A2 | LDA (A2),Y | C25E 20 6A C9 | JSR C96A | C2C4 A5 76 | LDA 76 |
| C213 91 A0 | STA (A0),Y | C261 BD 75 C1 | LDA C175,X | C2C6 69 FF | ADC #FF |

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|---------------|------------|---------------|------------|---------------|----------|
| C2C8 85 76 | STA 76 | C31B 91 A7 | STA (A7),Y | C371 4C 65 C3 | JMP C365 |
| C2CA E5 A8 | SBC A8 | C31D 88 | DEY | C374 C9 03 | CMP #03 |
| C2CC AA | TAX | C31E 10 F8 | BPL C318 | C376 F0 14 | BEQ C38C |
| C2CD 38 | SEC | C320 20 7C C4 | JSR C47C | C378 C9 0D | CMP #0D |
| C2CE A5 A7 | LDA A7 | C323 20 29 C3 | JSR C329 | C37A F0 1F | BEQ C39B |
| C2D0 E5 75 | SBC 75 | C326 4C 84 C2 | JMP C284 | C37C C9 08 | CMP #08 |
| C2D2 A8 | TAY | C329 A5 73 | LDA 73 | C37E F0 D6 | BEQ C356 |
| C2D3 B0 03 | BCS C2D8 | C32B A4 74 | LDY 74 | C380 C9 18 | CMP #18 |
| C2D5 E8 | INX | C32D 85 6A | STA 6A | C382 F0 DB | BEQ C35F |
| C2D6 C6 6D | DEC 6D | C32F 84 6B | STY 6B | C384 C9 20 | CMP #20 |
| C2D8 18 | CLC | C331 18 | CLC | C386 90 0E | BCC C396 |
| C2D9 65 6A | ADC 6A | C332 A0 01 | LDY #01 | C388 C9 80 | CMP #80 |
| C2DB 90 03 | BCC C2E0 | C334 B1 6A | LDA (6A),Y | C38A B0 DB | BCS C367 |
| C2DD C6 6B | DEC 6B | C336 F0 1D | BEQ C355 | C38C E0 47 | CPX #47 |
| C2DF 18 | CLC | C338 A0 04 | LDY #04 | C38E B0 04 | BCS C394 |
| C2E0 B1 6A | LDA (6A),Y | C33A C8 | INY | C390 95 16 | STA 16,X |
| C2E2 91 6C | STA (6C),Y | C33B B1 6A | LDA (6A),Y | C392 E8 | INX |
| C2E4 C8 | INY | C33D D0 FB | BNE C33A | C393 2C A9 07 | BIT 07A9 |
| C2E5 D0 F9 | BNE C2E0 | C33F C8 | INY | C396 20 2A F0 | JSR F02A |
| C2E7 E6 6B | INC 6B | C340 98 | TYA | C399 D0 CC | BNE C367 |
| C2E9 E6 6D | INC 6D | C341 65 6A | ADC 6A | C39B 4C FA C8 | JMP C8FA |
| C2EB CA | DEX | C343 AA | TAX | C39E 20 AB C6 | JSR C6AB |
| C2EC D0 F2 | BNE C2E0 | C344 A0 00 | LDY #00 | C3A1 C9 0F | CMP #0F |
| C2EE 20 7C C4 | JSR C47C | C346 91 6A | STA (6A),Y | C3A3 D0 08 | BNE C3AD |
| C2F1 20 29 C3 | JSR C329 | C348 A5 6B | LDA 6B | C3A5 48 | PHA |
| C2F4 A5 16 | LDA 16 | C34A 69 00 | ADC #00 | C3A6 A5 10 | LDA 10 |
| C2F6 F0 8C | BEQ C284 | C34C C8 | INY | C3A8 49 FF | EOR #FF |
| C2F8 18 | CLC | C34D 91 6A | STA (6A),Y | C3AA 85 10 | STA 10 |
| C2F9 A5 75 | LDA 75 | C34F 86 6A | STX 6A | C3AC 68 | PLA |
| C2FB 85 A2 | STA A2 | C351 85 6B | STA 6B | C3AD 60 | RTS |
| C2FD 65 08 | ADC 08 | C353 90 DD | BCC C332 | C3AE 4C 36 F0 | JMP F036 |
| C2FF 85 A0 | STA A0 | C355 60 | RTS | C3B1 A5 AE | LDA AE |
| C301 A4 76 | LDY 76 | C356 CA | DEX | C3B3 48 | PHA |
| C303 84 A3 | STY A3 | C357 30 09 | BMI C362 | C3B4 10 03 | BPL C3B9 |
| C305 90 01 | BCC C308 | C359 EA | NOP | C3B6 20 E1 C3 | JSR C3E1 |
| C307 C8 | INY | C35A EA | NOP | C3B9 A5 A9 | LDA A9 |
| C308 84 A1 | STY A1 | C35B EA | NOP | C3BB 48 | PHA |
| C30A 20 DA C1 | JSR C1DA | C35C 4C 67 C3 | JMP C367 | C3BC C9 81 | CMP #81 |
| C30D A5 79 | LDA 79 | C35F 20 6C C9 | JSR C96C | C3BE 90 07 | BCC C3C7 |
| C30F A4 7A | LDY 7A | C362 20 00 C9 | JSR C900 | C3C0 A9 FB | LDA #FB |
| C311 85 75 | STA 75 | C365 A2 00 | LDX #00 | C3C2 A0 D6 | LDY #D6 |
| C313 84 76 | STY 76 | C367 20 9E C3 | JSR C39E | C3C4 20 4E D8 | JSR D84E |
| C315 A4 08 | LDY 08 | C36A C9 1A | CMP #1A | C3C7 A9 EC | LDA #EC |
| C317 88 | DEY | C36C D0 06 | BNE C374 | C3C9 A0 C3 | LDY #C3 |
| C318 B9 12 00 | LDA 0012,Y | C36E 20 18 F0 | JSR F018 | C3CB 20 5A DD | JSR DD5A |

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|---------------|------------|------------|------------|---------------|------------|
| C3CE 68 | PLA | C41F 7F | @@@ | C45E 88 | DEY |
| C3CF C9 81 | CMP #81 | C420 AA | TAX | C45F B1 A7 | LDA (A7),Y |
| C3D1 90 07 | BCC C3DA | C421 AA | TAX | C461 B0 D7 | BCS C43A |
| C3D3 A9 4E | LDA #4E | C422 AA | TAX | C463 18 | CLC |
| C3D5 A0 DE | LDY #DE | C423 13 | @@@ | C464 60 | RTS |
| C3D7 20 8F D5 | JSR D58F | C424 81 00 | STA (00,X) | C465 D0 FD | BNE C464 |
| C3DA 68 | PLA | C426 00 | BRK | C467 A9 00 | LDA #00 |
| C3DB 10 03 | BPL C3E0 | C427 00 | BRK | C469 A8 | TAY |
| C3DD 4C E1 C3 | JMP C3E1 | C428 00 | BRK | C46A 91 73 | STA (73),Y |
| C3E0 60 | RTS | C429 00 | BRK | C46C C8 | INY |
| C3E1 A5 A9 | LDA A9 | C42A 00 | BRK | C46D 91 73 | STA (73),Y |
| C3E3 F0 06 | BEQ C3EB | C42B 00 | BRK | C46F A5 73 | LDA 73 |
| C3E5 A5 AE | LDA AE | C42C 00 | BRK | C471 18 | CLC |
| C3E7 49 FF | EOR #FF | C42D 00 | BRK | C472 69 02 | ADC #02 |
| C3E9 85 AE | STA AE | C42E FF | @@@ | C474 85 75 | STA 75 |
| C3EB 60 | RTS | C42F FF | @@@ | C476 A5 74 | LDA 74 |
| C3EC 0C | @@@ | C430 FF | @@@ | C478 69 00 | ADC #00 |
| C3ED 76 B3 | ROR B3,X | C431 FF | @@@ | C47A 85 76 | STA 76 |
| C3EF 83 | @@@ | C432 FF | @@@ | C47C 20 AE C4 | JSR C4AE |
| C3F0 BD D3 79 | LDA 79D3,X | C433 FF | @@@ | C47F A9 00 | LDA #00 |
| C3F3 1E F4 A6 | ASL A6F4,X | C434 FF | @@@ | C481 D0 2A | BNE C4AD |
| C3F6 F5 7B | SBC 7B,X | C435 FF | @@@ | C483 A5 7F | LDA 7F |
| C3F8 83 | @@@ | C436 A5 73 | LDA 73 | C485 A4 80 | LDY 80 |
| C3F9 FC | @@@ | C438 A6 74 | LDX 74 | C487 85 7B | STA 7B |
| C3FA B0 10 | BCS C40C | C43A A0 01 | LDY #01 | C489 84 7C | STY 7C |
| C3FC 7C | @@@ | C43C 85 A7 | STA A7 | C48B A5 75 | LDA 75 |
| C3FD 0C | @@@ | C43E 86 A8 | STX A8 | C48D A4 76 | LDY 76 |
| C3FE 1F | @@@ | C440 B1 A7 | LDA (A7),Y | C48F 85 77 | STA 77 |
| C3FF 67 | @@@ | C442 F0 1F | BEQ C463 | C491 84 78 | STY 78 |
| C400 CA | DEX | C444 C8 | INY | C493 85 79 | STA 79 |
| C401 7C | @@@ | C445 C8 | INY | C495 84 7A | STY 7A |
| C402 DE 53 CB | DEC CB53,X | C446 A5 15 | LDA 15 | C497 20 31 C6 | JSR C631 |
| C405 C1 7D | CMP (7D,X) | C448 D1 A7 | CMP (A7),Y | C49A A2 61 | LDX #61 |
| C407 14 | @@@ | C44A 90 18 | BCC C464 | C49C 86 5E | STX 5E |
| C408 64 | @@@ | C44C F0 03 | BEQ C451 | C49E 68 | PLA |
| C409 70 4C | BVS C457 | C44E 88 | DEY | C49F A8 | TAY |
| C40B 7D B7 EA | ADC EAB7,X | C44F D0 09 | BNE C45A | C4A0 68 | PLA |
| C40E 51 7A | EOR (7A),Y | C451 A5 14 | LDA 14 | C4A1 A2 FD | LDX #FD |
| C410 7D 63 30 | ADC 3063,X | C453 88 | DEY | C4A3 9A | TXS |
| C413 88 | DEY | C454 D1 A7 | CMP (A7),Y | C4A4 48 | PHA |
| C414 7E 7E 92 | ROR 927E,X | C456 90 0C | BCC C464 | C4A5 98 | TYA |
| C417 44 | @@@ | C458 F0 0A | BEQ C464 | C4A6 48 | PHA |
| C418 99 3A 7E | STA 7E3A,Y | C45A 88 | DEY | C4A7 A9 00 | LDA #00 |
| C41B 4C CC 91 | JMP 91CC | C45B B1 A7 | LDA (A7),Y | C4A9 85 86 | STA 86 |
| C41E C7 | @@@ | C45D AA | TAX | C4AB 85 0D | STA 0D |

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| C4AD 60 | RTS | C501 F0 02 | BEQ C505 | C55E 85 0D | STA 0D |
| C4AE 18 | CLC | C503 B0 22 | BCS C527 | C560 20 14 C8 | JSR C814 |
| C4AF A5 73 | LDA 73 | C505 84 91 | STY 91 | C563 20 AC C1 | JSR C1AC |
| C4B1 69 FF | ADC #FF | C507 20 0C DB | JSR DB0C | C566 D0 05 | BNE C56D |
| C4B3 85 C6 | STA C6 | C50A A9 20 | LDA #20 | C568 8A | TXA |
| C4B5 A5 74 | LDA 74 | C50C A4 91 | LDY 91 | C569 69 0F | ADC #0F |
| C4B7 69 FF | ADC #FF | C50E 29 7F | AND #7F | C56B AA | TAX |
| C4B9 85 C7 | STA C7 | C510 20 6C C9 | JSR C96C | C56C 9A | TXS |
| C4BB 60 | RTS | C513 C8 | INY | C56D 68 | PLA |
| C4BC 48 | PHA | C514 F0 11 | BEQ C527 | C56E 68 | PLA |
| C4BD A9 00 | LDA #00 | C516 B1 A7 | LDA (A7),Y | C56F A9 09 | LDA #09 |
| C4BF 85 0E | STA 0E | C518 D0 22 | BNE C53C | C571 20 1D C2 | JSR C21D |
| C4C1 68 | PLA | C51A A8 | TAY | C574 20 75 C7 | JSR C775 |
| C4C2 08 | PHP | C51B B1 A7 | LDA (A7),Y | C577 18 | CLC |
| C4C3 20 DA C7 | JSR C7DA | C51D AA | TAX | C578 98 | TYA |
| C4C6 20 36 C4 | JSR C436 | C51E C8 | INY | C579 65 C6 | ADC C6 |
| C4C9 28 | PLP | C51F B1 A7 | LDA (A7),Y | C57B 48 | PHA |
| C4CA F0 14 | BEQ C4E0 | C521 86 A7 | STX A7 | C57C A5 C7 | LDA C7 |
| C4CC 20 C5 00 | JSR 00C5 | C523 85 A8 | STA A8 | C57E 69 00 | ADC #00 |
| C4CF F0 15 | BEQ C4E6 | C525 D0 C1 | BNE C4E8 | C580 48 | PHA |
| C4D1 C9 A5 | CMP #A5 | C527 A5 0E | LDA 0E | C581 A5 82 | LDA 82 |
| C4D3 D0 8F | BNE C464 | C529 F0 0E | BEQ C539 | C583 48 | PHA |
| C4D5 20 BF 00 | JSR 00BF | C52B 20 00 C9 | JSR C900 | C584 A5 81 | LDA 81 |
| C4D8 F0 06 | BEQ C4E0 | C52E 20 00 C9 | JSR C900 | C586 48 | PHA |
| C4DA 20 DA C7 | JSR C7DA | C531 A9 1A | LDA #1A | C587 A9 9E | LDA #9E |
| C4DD F0 07 | BEQ C4E6 | C533 20 6C C9 | JSR C96C | C589 20 C7 CC | JSR CCC7 |
| C4DF 60 | RTS | C536 20 1B F0 | JSR F01B | C58C 20 6E CB | JSR CB6E |
| C4E0 A9 FF | LDA #FF | C539 4C 7F C2 | JMP C27F | C58F 20 6B CB | JSR CB6B |
| C4E2 85 14 | STA 14 | C53C 10 D2 | BPL C510 | C592 A5 AE | LDA AE |
| C4E4 85 15 | STA 15 | C53E 4C 39 F0 | JMP F039 | C594 09 7F | ORA #7F |
| C4E6 68 | PLA | C541 AA | TAX | C596 25 AA | AND AA |
| C4E7 68 | PLA | C542 84 91 | STY 91 | C598 85 AA | STA AA |
| C4E8 A0 01 | LDY #01 | C544 A0 FF | LDY #FF | C59A A9 A5 | LDA #A5 |
| C4EA B1 A7 | LDA (A7),Y | C546 CA | DEX | C59C A0 C5 | LDY #C5 |
| C4EC F0 39 | BEQ C527 | C547 F0 08 | BEQ C551 | C59E 85 6A | STA 6A |
| C4EE 20 40 C6 | JSR C640 | C549 C8 | INY | C5A0 84 6B | STY 6B |
| C4F1 20 00 C9 | JSR C900 | C54A B9 90 C0 | LDA C090,Y | C5A2 4C 24 CC | JMP CC24 |
| C4F4 C8 | INY | C54D 10 FA | BPL C549 | C5A5 A9 FB | LDA #FB |
| C4F5 B1 A7 | LDA (A7),Y | C54F 30 F5 | BMI C546 | C5A7 A0 D6 | LDY #D6 |
| C4F7 AA | TAX | C551 C8 | INY | C5A9 20 E1 D8 | JSR D8E1 |
| C4F8 C8 | INY | C552 B9 90 C0 | LDA C090,Y | C5AC 20 C5 00 | JSR 00C5 |
| C4F9 B1 A7 | LDA (A7),Y | C555 30 B5 | BMI C50C | C5AF C9 A3 | CMP #A3 |
| C4FB C5 15 | CMP 15 | C557 20 6C C9 | JSR C96C | C5B1 D0 06 | BNE C5B9 |
| C4FD D0 04 | BNE C503 | C55A D0 F5 | BNE C551 | C5B3 20 BF 00 | JSR 00BF |
| C4FF E4 14 | CPX 14 | C55C A9 80 | LDA #80 | C5B6 20 6B CB | JSR CB6B |

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| C5B9 20 6A D9 | JSR D96A | C611 B9 0A C0 | LDA C00A,Y | C66D A4 82 | LDY 82 |
| C5BC 20 19 CC | JSR CC19 | C614 48 | PHA | C66F 85 83 | STA 83 |
| C5BF A5 92 | LDA 92 | C615 4C BF 00 | JMP 00BF | C671 84 84 | STY 84 |
| C5C1 48 | PHA | C618 4C 14 C8 | JMP C814 | C673 68 | PLA |
| C5C2 A5 91 | LDA 91 | C61B C9 3A | CMP #3A | C674 68 | PLA |
| C5C4 48 | PHA | C61D F0 D9 | BEQ C5F8 | C675 A9 A3 | LDA #A3 |
| C5C5 A9 81 | LDA #81 | C61F 4C D0 CC | JMP CCD0 | C677 A0 C1 | LDY #C1 |
| C5C7 48 | PHA | C622 C9 45 | CMP #45 | C679 A2 00 | LDX #00 |
| C5C8 20 40 C6 | JSR C640 | C624 D0 F9 | BNE C61F | C67B 86 10 | STX 10 |
| C5CB A5 C6 | LDA C6 | C626 20 BF 00 | JSR 00BF | C67D 90 03 | BCC C682 |
| C5CD A4 C7 | LDY C7 | C629 A9 9E | LDA #9E | C67F 4C 74 C2 | JMP C274 |
| C5CF F0 06 | BEQ C5D7 | C62B 20 C7 CC | JSR CCC7 | C682 4C 7F C2 | JMP C27F |
| C5D1 85 85 | STA 85 | C62E 4C 14 C7 | JMP C714 | C685 D0 17 | BNE C69E |
| C5D3 84 86 | STY 86 | C631 38 | SEC | C687 A2 1E | LDX #1E |
| C5D5 A0 00 | LDY #00 | C632 A5 73 | LDA 73 | C689 A4 86 | LDY 86 |
| C5D7 B1 C6 | LDA (C6),Y | C634 E9 01 | SBC #01 | C68B D0 03 | BNE C690 |
| C5D9 D0 40 | BNE C61B | C636 A4 74 | LDY 74 | C68D 4C 59 C2 | JMP C259 |
| C5DB A0 02 | LDY #02 | C638 B0 01 | BCS C63B | C690 A5 85 | LDA 85 |
| C5DD B1 C6 | LDA (C6),Y | C63A 88 | DEY | C692 85 C6 | STA C6 |
| C5DF 18 | CLC | C63B 85 89 | STA 89 | C694 84 C7 | STY C7 |
| C5E0 D0 03 | BNE C5E5 | C63D 84 8A | STY 8A | C696 A5 83 | LDA 83 |
| C5E2 4C 75 C6 | JMP C675 | C63F 60 | RTS | C698 A4 84 | LDY 84 |
| C5E5 C8 | INY | C640 AD FD 87 | LDA 87FD | C69A 85 81 | STA 81 |
| C5E6 B1 C6 | LDA (C6),Y | C643 29 30 | AND #30 | C69C 84 82 | STY 82 |
| C5E8 85 81 | STA 81 | C645 C9 10 | CMP #10 | C69E 60 | RTS |
| C5EA C8 | INY | C647 38 | SEC | C69F 48 | PHA |
| C5EB B1 C6 | LDA (C6),Y | C648 D0 F5 | BNE C63F | C6A0 20 12 F0 | JSR F012 |
| C5ED 85 82 | STA 82 | C64A AD 7F 87 | LDA 877F | C6A3 20 67 C9 | JSR C967 |
| C5EF 98 | TYA | C64D 29 30 | AND #30 | C6A6 A9 FF | LDA #FF |
| C5F0 65 C6 | ADC C6 | C64F C9 10 | CMP #10 | C6A8 4C BF C4 | JMP C4BF |
| C5F2 85 C6 | STA C6 | C651 38 | SEC | C6AB AD 40 02 | LDA 0240 |
| C5F4 90 02 | BCC C5F8 | C652 D0 EB | BNE C63F | C6AE 20 D8 C6 | JSR C6D8 |
| C5F6 E6 C7 | INC C7 | C654 20 30 F0 | JSR F030 | C6B1 D0 03 | BNE C6B6 |
| C5F8 20 BF 00 | JSR 00BF | C657 EA | NOP | C6B3 4C 0F F0 | JMP F00F |
| C5FB 20 01 C6 | JSR C601 | C658 A9 03 | LDA #03 | C6B6 4C 24 F0 | JMP F024 |
| C5FE 4C C8 C5 | JMP C5C8 | C65A C9 03 | CMP #03 | C6B9 48 | PHA |
| C601 4C 33 F0 | JMP F033 | C65C B0 01 | BCS C65F | C6BA AD 41 02 | LDA 0241 |
| C604 EA | NOP | C65E 18 | CLC | C6BD 20 D8 C6 | JSR C6D8 |
| C605 90 11 | BCC C618 | C65F D0 3D | BNE C69E | C6C0 D0 04 | BNE C6C6 |
| C607 C9 1D | CMP #1D | C661 A5 C6 | LDA C6 | C6C2 68 | PLA |
| C609 B0 17 | BCS C622 | C663 A4 C7 | LDY C7 | C6C3 4C 0C F0 | JMP F00C |
| C60B 0A | ASL | C665 F0 0C | BEQ C673 | C6C6 68 | PLA |
| C60C A8 | TAY | C667 85 85 | STA 85 | C6C7 C9 0A | CMP #0A |
| C60D B9 0B C0 | LDA C00B,Y | C669 84 86 | STY 86 | C6C9 EA | NOP |
| C610 48 | PHA | C66B A5 81 | LDA 81 | C6CA EA | NOP |

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| C6CB C9 0D | CMP #0D | C724 A6 C7 | LDX C7 | C77A 86 06 | STX 06 |
| C6CD F0 03 | BEQ C6D2 | C726 90 07 | BCC C72F | C77C A0 00 | LDY #00 |
| C6CF 4C 27 F0 | JMP F027 | C728 E8 | INX | C77E 84 07 | STY 07 |
| C6D2 20 27 F0 | JSR F027 | C729 B0 04 | BCS C72F | C780 A5 07 | LDA 07 |
| C6D5 A9 0D | LDA #0D | C72B A5 73 | LDA 73 | C782 A6 06 | LDX 06 |
| C6D7 60 | RTS | C72D A6 74 | LDX 74 | C784 85 06 | STA 06 |
| C6D8 C9 54 | CMP #54 | C72F 20 3A C4 | JSR C43A | C786 86 07 | STX 07 |
| C6DA F0 06 | BEQ C6E2 | C732 90 1E | BCC C752 | C788 B1 C6 | LDA (C6),Y |
| C6DC C9 44 | CMP #44 | C734 A5 A7 | LDA A7 | C78A F0 E8 | BEQ C774 |
| C6DE F0 02 | BEQ C6E2 | C736 E9 01 | SBC #01 | C78C C5 07 | CMP 07 |
| C6E0 C9 FF | CMP #FF | C738 85 C6 | STA C6 | C78E F0 E4 | BEQ C774 |
| C6E2 60 | RTS | C73A A5 A8 | LDA A8 | C790 C8 | INY |
| C6E3 20 B0 E5 | JSR E5B0 | C73C E9 00 | SBC #00 | C791 C9 22 | CMP #22 |
| C6E6 EA | NOP | C73E 85 C7 | STA C7 | C793 D0 F3 | BNE C788 |
| C6E7 90 EF | BCC C6D8 | C740 60 | RTS | C795 F0 E9 | BEQ C780 |
| C6E9 EA | NOP | C741 D0 FD | BNE C740 | C797 20 7F CB | JSR CB7F |
| C6EA EA | NOP | C743 A9 FF | LDA #FF | C79A 20 C5 00 | JSR 00C5 |
| C6EB 60 | RTS | C745 85 92 | STA 92 | C79D C9 88 | CMP #88 |
| C6EC D0 03 | BNE C6F1 | C747 20 AC C1 | JSR C1AC | C79F F0 05 | BEQ C7A6 |
| C6EE 4C 7C C4 | JMP C47C | C74A 9A | TXS | C7A1 A9 A1 | LDA #A1 |
| C6F1 20 83 C4 | JSR C483 | C74B C9 8C | CMP #8C | C7A3 20 C7 CC | JSR CCC7 |
| C6F4 4C 0B C7 | JMP C70B | C74D F0 0B | BEQ C75A | C7A6 A5 A9 | LDA A9 |
| C6F7 A9 03 | LDA #03 | C74F A2 04 | LDX #04 | C7A8 D0 05 | BNE C7AF |
| C6F9 20 1D C2 | JSR C21D | C751 2C A2 0E | BIT 0EA2 | C7AA 20 78 C7 | JSR C778 |
| C6FC A5 C7 | LDA C7 | C754 4C 59 C2 | JMP C259 | C7AD F0 BB | BEQ C76A |
| C6FE 48 | PHA | C757 4C D0 CC | JMP CC00 | C7AF 20 C5 00 | JSR 00C5 |
| C6FF A5 C6 | LDA C6 | C75A 68 | PLA | C7B2 B0 03 | BCS C7B7 |
| C701 48 | PHA | C75B 68 | PLA | C7B4 4C 14 C7 | JMP C714 |
| C702 A5 82 | LDA 82 | C75C 85 81 | STA 81 | C7B7 4C 01 C6 | JMP C601 |
| C704 48 | PHA | C75E 68 | PLA | C7BA 20 DC D4 | JSR D4DC |
| C705 A5 81 | LDA 81 | C75F 85 82 | STA 82 | C7BD 48 | PHA |
| C707 48 | PHA | C761 68 | PLA | C7BE C9 8C | CMP #8C |
| C708 A9 8C | LDA #8C | C762 85 C6 | STA C6 | C7C0 F0 04 | BEQ C7C6 |
| C70A 48 | PHA | C764 68 | PLA | C7C2 C9 88 | CMP #88 |
| C70B 20 C5 00 | JSR 00C5 | C765 85 C7 | STA C7 | C7C4 D0 91 | BNE C757 |
| C70E 20 14 C7 | JSR C714 | C767 20 75 C7 | JSR C775 | C7C6 C6 AD | DEC AD |
| C711 4C C8 C5 | JMP C5C8 | C76A 98 | TYA | C7C8 D0 04 | BNE C7CE |
| C714 20 DA C7 | JSR C7DA | C76B 18 | CLC | C7CA 68 | PLA |
| C717 20 78 C7 | JSR C778 | C76C 65 C6 | ADC C6 | C7CB 4C 21 F0 | JMP F021 |
| C71A A5 82 | LDA 82 | C76E 85 C6 | STA C6 | C7CE 20 BF 00 | JSR 00BF |
| C71C C5 15 | CMP 15 | C770 90 02 | BCC C774 | C7D1 20 DA C7 | JSR C7DA |
| C71E B0 0B | BCS C72B | C772 E6 C7 | INC C7 | C7D4 C9 2C | CMP #2C |
| C720 98 | TYA | C774 60 | RTS | C7D6 F0 EE | BEQ C7C6 |
| C721 38 | SEC | C775 A2 3A | LDX #3A | C7D8 68 | PLA |
| C722 65 C6 | ADC C6 | C777 2C A2 00 | BIT 00A2 | C7D9 60 | RTS |

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| C7DA A2 00 | LDX #00 | C833 20 5A D9 | JSR D95A | C890 91 91 | STA (91),Y |
| C7DC 86 14 | STX 14 | C836 20 FE CE | JSR CEFE | C892 C8 | INY |
| C7DE 86 15 | STX 15 | C839 A0 00 | LDY #00 | C893 B1 98 | LDA (98),Y |
| C7E0 B0 F7 | BCS C7D9 | C83B A5 AC | LDA AC | C895 91 91 | STA (91),Y |
| C7E2 E9 2F | SBC #2F | C83D 91 91 | STA (91),Y | C897 C8 | INY |
| C7E4 85 06 | STA 06 | C83F C8 | INY | C898 B1 98 | LDA (98),Y |
| C7E6 A5 15 | LDA 15 | C840 A5 AD | LDA AD | C89A 91 91 | STA (91),Y |
| C7E8 85 6A | STA 6A | C842 91 91 | STA (91),Y | C89C 60 | RTS |
| C7EA C9 19 | CMP #19 | C844 60 | RTS | C89D C9 21 | CMP #21 |
| C7EC B0 D4 | BCS C7C2 | C845 4C 0F D9 | JMP D90F | C89F D0 FB | BNE C89C |
| C7EE A5 14 | LDA 14 | C848 68 | PLA | C8A1 A9 FF | LDA #FF |
| C7F0 0A | ASL | C849 A0 02 | LDY #02 | C8A3 8D 10 02 | STA 0210 |
| C7F1 26 6A | ROL 6A | C84B B1 AC | LDA (AC),Y | C8A6 4C BF 00 | JMP 00BF |
| C7F3 0A | ASL | C84D C5 7C | CMP 7C | C8A9 AD 10 02 | LDA 0210 |
| C7F4 26 6A | ROL 6A | C84F 90 17 | BCC C868 | C8AC 85 BE | STA BE |
| C7F6 65 14 | ADC 14 | C851 D0 07 | BNE C85A | C8AE 20 BA C8 | JSR C8BA |
| C7F8 85 14 | STA 14 | C853 88 | DEY | C8B1 A5 BE | LDA BE |
| C7FA A5 6A | LDA 6A | C854 B1 AC | LDA (AC),Y | C8B3 8D 10 02 | STA 0210 |
| C7FC 65 15 | ADC 15 | C856 C5 7B | CMP 7B | C8B6 60 | RTS |
| C7FE 85 15 | STA 15 | C858 90 0E | BCC C868 | C8B7 20 4D C9 | JSR C94D |
| C800 06 14 | ASL 14 | C85A A4 AD | LDY AD | C8BA 20 C5 00 | JSR 00C5 |
| C802 26 15 | ROL 15 | C85C C4 76 | CPY 76 | C8BD F0 41 | BEQ C900 |
| C804 A5 14 | LDA 14 | C85E 90 08 | BCC C868 | C8BF F0 51 | BEQ C912 |
| C806 65 06 | ADC 06 | C860 D0 0D | BNE C86F | C8C1 20 9D C8 | JSR C89D |
| C808 85 14 | STA 14 | C862 A5 AC | LDA AC | C8C4 F0 4C | BEQ C912 |
| C80A 90 02 | BCC C80E | C864 C5 75 | CMP 75 | C8C6 C9 9D | CMP #9D |
| C80C E6 15 | INC 15 | C866 B0 07 | BCS C86F | C8C8 F0 60 | BEQ C92A |
| C80E 20 BF 00 | JSR 00BF | C868 A5 AC | LDA AC | C8CA C9 A0 | CMP #A0 |
| C811 4C E0 C7 | JMP C7E0 | C86A A4 AD | LDY AD | C8CC 18 | CLC |
| C814 20 E4 CD | JSR CDE4 | C86C 4C 85 C8 | JMP C885 | C8CD F0 5B | BEQ C92A |
| C817 85 91 | STA 91 | C86F A0 00 | LDY #00 | C8CF C9 2C | CMP #2C |
| C819 84 92 | STY 92 | C871 B1 AC | LDA (AC),Y | C8D1 F0 40 | BEQ C913 |
| C81B A9 AC | LDA #AC | C873 20 B3 D1 | JSR D1B3 | C8D3 C9 3B | CMP #3B |
| C81D 20 C7 CC | JSR CCC7 | C876 A5 98 | LDA 98 | C8D5 F0 68 | BEQ C93F |
| C820 A5 0B | LDA 0B | C878 A4 99 | LDY 99 | C8D7 20 7F CB | JSR CB7F |
| C822 48 | PHA | C87A 85 B7 | STA B7 | C8DA 24 0A | BIT 0A |
| C823 A5 0A | LDA 0A | C87C 84 B8 | STY B8 | C8DC 30 D9 | BMI C8B7 |
| C825 48 | PHA | C87E 20 B8 D3 | JSR D3B8 | C8DE 20 1C DB | JSR DB1C |
| C826 20 4B F0 | JSR F04B | C881 A9 A9 | LDA #A9 | C8E1 20 C5 D1 | JSR D1C5 |
| C829 68 | PLA | C883 A0 00 | LDY #00 | C8E4 A0 00 | LDY #00 |
| C82A 2A | ROL | C885 85 98 | STA 98 | C8E6 B1 AC | LDA (AC),Y |
| C82B 20 71 CB | JSR CB71 | C887 84 99 | STY 99 | C8E8 18 | CLC |
| C82E D0 18 | BNE C848 | C889 20 19 D4 | JSR D419 | C8E9 65 11 | ADC 11 |
| C830 68 | PLA | C88C A0 00 | LDY #00 | C8EB C5 12 | CMP 12 |
| C831 10 12 | BPL C845 | C88E B1 98 | LDA (98),Y | C8ED 90 03 | BCC C8F2 |

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| C8EF 20 00 C9 | JSR C900 | C94D 20 E4 D3 | JSR D3E4 | C9A8 85 C6 | STA C6 |
| C8F2 20 4D C9 | JSR C94D | C950 AA | TAX | C9AA 84 C7 | STY C7 |
| C8F5 20 67 C9 | JSR C967 | C951 A0 00 | LDY #00 | C9AC 60 | RTS |
| C8F8 D0 C0 | BNE C8BA | C953 E8 | INX | C9AD 20 E4 D0 | JSR D0E4 |
| C8FA A0 00 | LDY #00 | C954 CA | DEX | C9B0 A2 17 | LDX #17 |
| C8FC 94 16 | STY 16,X | C955 F0 BB | BEQ C912 | C9B2 A0 00 | LDY #00 |
| C8FE A2 15 | LDX #15 | C957 B1 6A | LDA (6A),Y | C9B4 84 17 | STY 17 |
| C900 A9 0D | LDA #0D | C959 20 6C C9 | JSR C96C | C9B6 A9 40 | LDA #40 |
| C902 85 11 | STA 11 | C95C C8 | INX | C9B8 20 F6 C9 | JSR C9F6 |
| C904 20 6C C9 | JSR C96C | C95D C9 0D | CMP #0D | C9BB 60 | RTS |
| C907 A9 0A | LDA #0A | C95F D0 F3 | BNE C954 | C9BC 46 10 | LSR 10 |
| C909 20 6C C9 | JSR C96C | C961 20 0C C9 | JSR C90C | C9BE AD 10 02 | LDA 0210 |
| C90C A9 00 | LDA #00 | C964 4C 54 C9 | JMP C954 | C9C1 85 BE | STA BE |
| C90E 85 11 | STA 11 | C967 A9 20 | LDA #20 | C9C3 20 FA DF | JSR DFFA |
| C910 49 FF | EOR #FF | C969 2C A9 3F | BIT 3FA9 | C9C6 C9 22 | CMP #22 |
| C912 60 | RTS | C96C 24 10 | BIT 10 | C9C8 D0 0B | BNE C9D5 |
| C913 A5 11 | LDA 11 | C96E 30 15 | BMI C985 | C9CA 20 85 CC | JSR CC85 |
| C915 C5 13 | CMP 13 | C970 48 | PHA | C9CD A9 3B | LDA #3B |
| C917 90 06 | BCC C91F | C971 C9 20 | CMP #20 | C9CF 20 C7 CC | JSR CCC7 |
| C919 20 00 C9 | JSR C900 | C973 90 0C | BCC C981 | C9D2 20 4D C9 | JSR C94D |
| C91C 4C 3F C9 | JMP C93F | C975 A5 11 | LDA 11 | C9D5 20 E4 D0 | JSR D0E4 |
| C91F 38 | SEC | C977 C5 12 | CMP 12 | C9D8 A9 2C | LDA #2C |
| C920 E9 0A | SBC #0A | C979 D0 04 | BNE C97F | C9DA 85 15 | STA 15 |
| C922 B0 FC | BCS C920 | C97B A9 00 | LDA #00 | C9DC 20 E7 C9 | JSR C9E7 |
| C924 49 FF | EOR #FF | C97D 85 11 | STA 11 | C9DF A5 16 | LDA 16 |
| C926 69 01 | ADC #01 | C97F E6 11 | INC 11 | C9E1 20 5D DF | JSR DF5D |
| C928 D0 10 | BNE C93A | C981 68 | PLA | C9E4 4C F5 C9 | JMP C9F5 |
| C92A 08 | PHP | C982 20 B9 C6 | JSR C6B9 | C9E7 20 6A C9 | JSR C96A |
| C92B 20 D9 D4 | JSR D4D9 | C985 29 FF | AND #FF | C9EA 20 67 C9 | JSR C967 |
| C92E C9 29 | CMP #29 | C987 60 | RTS | C9ED 4C 65 C3 | JMP C365 |
| C930 D0 68 | BNE C99A | C988 A5 0E | LDA 0E | C9F0 A6 89 | LDX 89 |
| C932 28 | PLP | C98A F0 11 | BEQ C99D | C9F2 A4 8A | LDY 8A |
| C933 90 06 | BCC C93B | C98C 30 04 | BMI C992 | C9F4 A9 98 | LDA #98 |
| C935 8A | TXA | C98E A0 FF | LDY #FF | C9F6 85 0E | STA 0E |
| C936 E5 11 | SBC 11 | C990 D0 04 | BNE C996 | C9F8 86 8B | STX 8B |
| C938 90 05 | BCC C93F | C992 A5 87 | LDA 87 | C9FA 84 8C | STY 8C |
| C93A AA | TAX | C994 A4 88 | LDY 88 | C9FC 20 E4 CD | JSR CDE4 |
| C93B E8 | INX | C996 85 81 | STA 81 | C9FF 85 91 | STA 91 |
| C93C CA | DEX | C998 84 82 | STY 82 | CA01 84 92 | STY 92 |
| C93D D0 06 | BNE C945 | C99A 4C D0 CC | JMP CCD0 | CA03 A5 C6 | LDA C6 |
| C93F 20 BF 00 | JSR 00BF | C99D A9 ED | LDA #ED | CA05 A4 C7 | LDY C7 |
| C942 4C BF C8 | JMP C8BF | C99F A0 CA | LDY #CA | CA07 85 93 | STA 93 |
| C945 20 67 C9 | JSR C967 | C9A1 20 4A C9 | JSR C94A | CA09 84 94 | STY 94 |
| C948 D0 F2 | BNE C93C | C9A4 A5 85 | LDA 85 | CA0B A6 8B | LDX 8B |
| C94A 20 C5 D1 | JSR D1C5 | C9A6 A4 86 | LDY 86 | CA0D A4 8C | LDY 8C |

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| CA0F 86 C6 | STX C6 | CA70 20 31 C8 | JSR C831 | CACD 20 B1 C8 | JSR C8B1 |
| CA11 84 C7 | STY C7 | CA73 20 C5 00 | JSR 00C5 | CAD0 B1 8B | LDA (8B),Y |
| CA13 20 C5 00 | JSR 00C5 | CA76 F0 07 | BEQ CA7F | CAD2 F0 07 | BEQ CADB |
| CA16 D0 1B | BNE CA33 | CA78 C9 2C | CMP #2C | CAD4 A9 DC | LDA #DC |
| CA18 24 0E | BIT 0E | CA7A F0 03 | BEQ CA7F | CAD6 A0 CA | LDY #CA |
| CA1A 50 0B | BVC CA27 | CA7C 4C 88 C9 | JMP C988 | CAD8 4C 4A C9 | JMP C94A |
| CA1C 20 E3 C6 | JSR C6E3 | CA7F A5 C6 | LDA C6 | CADB 60 | RTS |
| CA1F 85 16 | STA 16 | CA81 A4 C7 | LDY C7 | CADC 3F | @@@ |
| CA21 A2 15 | LDX #15 | CA83 85 8B | STA 8B | CADD 45 58 | EOR 58 |
| CA23 A0 00 | LDY #00 | CA85 84 8C | STY 8C | CADF 54 | @@@ |
| CA25 F0 08 | BEQ CA2F | CA87 A5 93 | LDY 93 | CAE0 52 | @@@ |
| CA27 30 71 | BMI CA9A | CA89 A4 94 | LDY 94 | CAE1 41 20 | EOR (20,X) |
| CA29 20 6A C9 | JSR C96A | CA8B 85 C6 | STA C6 | CAE3 49 47 | EOR #47 |
| CA2C 20 E7 C9 | JSR C9E7 | CA8D 84 C7 | STY C7 | CAE5 4E 4F 52 | LSR 524F |
| CA2F 86 C6 | STX C6 | CA8F 20 C5 00 | JSR 00C5 | CAE8 45 44 | EOR 44 |
| CA31 84 C7 | STY C7 | CA92 F0 2C | BEQ CAC0 | CAEA 0D 0A 00 | ORA 000A |
| CA33 20 BF 00 | JSR 00BF | CA94 20 C5 CC | JSR CCC5 | CAED 3F | @@@ |
| CA36 24 0A | BIT 0A | CA97 4C FC C9 | JMP C9FC | CAEE 52 | @@@ |
| CA38 10 31 | BPL CA6B | CA9A 20 75 C7 | JSR C775 | CAEF 45 44 | EOR 44 |
| CA3A 24 0E | BIT 0E | CA9D C8 | INY | CAF1 4F | @@@ |
| CA3C 50 09 | BVC CA47 | CA9E AA | TAX | CAF2 20 46 52 | JSR 5246 |
| CA3E E8 | INX | CA9F D0 12 | BNE CAB3 | CAF5 4F | @@@ |
| CA3F 86 C6 | STX C6 | CAA1 A2 06 | LDX #06 | CAF6 4D 20 53 | EOR 5320 |
| CA41 A9 00 | LDA #00 | CAA3 C8 | INY | CAF9 54 | @@@ |
| CA43 85 06 | STA 06 | CAA4 B1 C6 | LDA (C6),Y | CAFA 41 52 | EOR (52,X) |
| CA45 F0 0C | BEQ CA53 | CAA6 F0 6C | BEQ CB14 | CAFC 54 | @@@ |
| CA47 85 06 | STA 06 | CAA8 C8 | INY | CAFD 0D 0A 00 | ORA 000A |
| CA49 C9 22 | CMP #22 | CAA9 B1 C6 | LDA (C6),Y | CB00 D0 04 | BNE CB06 |
| CA4B F0 07 | BEQ CA54 | CAAB 85 87 | STA 87 | CB02 A0 00 | LDY #00 |
| CA4D A9 3A | LDA #3A | CAAD C8 | INY | CB04 F0 03 | BEQ CB09 |
| CA4F 85 06 | STA 06 | CAAE B1 C6 | LDA (C6),Y | CB06 20 E4 CD | JSR CDE4 |
| CA51 A9 2C | LDA #2C | CAB0 C8 | INY | CB09 85 91 | STA 91 |
| CA53 18 | CLC | CAB1 85 88 | STA 88 | CB0B 84 92 | STY 92 |
| CA54 85 07 | STA 07 | CAB3 B1 C6 | LDA (C6),Y | CB0D 20 AC C1 | JSR C1AC |
| CA56 A5 C6 | LDA C6 | CAB5 AA | TAX | CB10 F0 04 | BEQ CB16 |
| CA58 A4 C7 | LDY C7 | CAB6 20 6A C7 | JSR C76A | CB12 A2 00 | LDX #00 |
| CA5A 69 00 | ADC #00 | CAB9 E0 83 | CPX #83 | CB14 F0 66 | BEQ CB7C |
| CA5C 90 01 | BCC CA5F | CABB D0 DD | BNE CA9A | CB16 9A | TXS |
| CA5E C8 | INY | CABD 4C 33 CA | JMP CA33 | CB17 8A | TXA |
| CA5F 20 CB D1 | JSR D1CB | CAC0 A5 8B | LDA 8B | CB18 18 | CLC |
| CA62 20 21 D5 | JSR D521 | CAC2 A4 8C | LDY 8C | CB19 69 04 | ADC #04 |
| CA65 20 49 C8 | JSR C849 | CAC4 A6 0E | LDX 0E | CB1B 48 | PHA |
| CA68 4C 73 CA | JMP CA73 | CAC6 10 03 | BPL CACB | CB1C 69 06 | ADC #06 |
| CA6B 20 32 DA | JSR DA32 | CAC8 4C 3B C6 | JMP C63B | CB1E 85 6C | STA 6C |
| CA6E A5 0B | LDA 0B | CACB A0 00 | LDY #00 | CB20 68 | PLA |

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| CB21 A0 01 | LDY #01 | CB83 C6 C7 | DEC C7 | CBDE 68 | PLA |
| CB23 20 E1 D8 | JSR D8E1 | CB85 C6 C6 | DEC C6 | CBDF A4 93 | LDY 93 |
| CB26 BA | TSX | CB87 A2 00 | LDX #00 | CBE1 10 17 | BPL CBFA |
| CB27 BD 09 01 | LDA 0109,X | CB89 24 48 | BIT 48 | CBE3 AA | TAX |
| CB2A 85 AE | STA AE | CB8B 8A | TXA | CBE4 F0 56 | BEQ CC3C |
| CB2C A5 91 | LDA 91 | CB8C 48 | PHA | CBE6 D0 5F | BNE CC47 |
| CB2E A4 92 | LDY 92 | CB8D A9 01 | LDA #01 | CBE8 46 0A | LSR 0A |
| CB30 20 A6 D5 | JSR D5A6 | CB8F 20 1D C2 | JSR C21D | CBEA 8A | TXA |
| CB33 20 0F D9 | JSR D90F | CB92 20 64 CC | JSR CC64 | CBEB 2A | ROL |
| CB36 A0 01 | LDY #01 | CB95 A9 00 | LDA #00 | CBEC A6 C6 | LDX C6 |
| CB38 20 9C D9 | JSR D99C | CB97 85 95 | STA 95 | CBEE D0 02 | BNE CBF2 |
| CB3B BA | TSX | CB99 20 C5 00 | JSR 00C5 | CBF0 C6 C7 | DEC C7 |
| CB3C 38 | SEC | CB9C 38 | SEC | CBF2 C6 C6 | DEC C6 |
| CB3D FD 09 01 | SBC 0109,X | CB9D E9 AB | SBC #AB | CBF4 A0 1B | LDY #1B |
| CB40 F0 17 | BEQ CB59 | CB9F 90 17 | BCC CBB8 | CBF6 85 95 | STA 95 |
| CB42 BD 0F 01 | LDA 010F,X | CBA1 C9 03 | CMP #03 | CBF8 D0 D7 | BNE CBD1 |
| CB45 85 81 | STA 81 | CBA3 B0 13 | BCS CBB8 | CBFA D9 72 C0 | CMP C072,Y |
| CB47 BD 10 01 | LDA 0110,X | CBA5 C9 01 | CMP #01 | CBFD B0 48 | BCS CC47 |
| CB4A 85 82 | STA 82 | CBA7 2A | ROL | CBFF 90 D9 | BCC CBDA |
| CB4C BD 12 01 | LDA 0112,X | CBA8 49 01 | EOR #01 | CC01 B9 74 C0 | LDA C074,Y |
| CB4F 85 C6 | STA C6 | CBAA 45 95 | EOR 95 | CC04 48 | PHA |
| CB51 BD 11 01 | LDA 0111,X | CBAC C5 95 | CMP 95 | CC05 B9 73 C0 | LDA C073,Y |
| CB54 85 C7 | STA C7 | CBAE 90 61 | BCC CC11 | CC08 48 | PHA |
| CB56 4C C8 C5 | JMP C5C8 | CBBO 85 95 | STA 95 | CC09 20 14 CC | JSR CC14 |
| CB59 8A | TXA | CBB2 20 BF 00 | JSR 00BF | CC0C A5 95 | LDA 95 |
| CB5A 69 11 | ADC #11 | CBB5 4C 9C CB | JMP CB9C | CC0E 4C 8A CB | JMP CB8A |
| CB5C AA | TAX | CBB8 A6 95 | LDX 95 | CC11 4C D0 CC | JMP CCD0 |
| CB5D 9A | TXS | CBBA D0 2C | BNE CBE8 | CC14 A5 AE | LDA AE |
| CB5E 20 C5 00 | JSR 00C5 | CBBC B0 7B | BCS CC39 | CC16 BE 72 C0 | LDX C072,Y |
| CB61 C9 2C | CMP #2C | CBBE 69 07 | ADC #07 | CC19 A8 | TAY |
| CB63 D0 F1 | BNE CB56 | CBC0 90 77 | BCC CC39 | CC1A 68 | PLA |
| CB65 20 BF 00 | JSR 00BF | CBC2 65 0A | ADC 0A | CC1B 85 6A | STA 6A |
| CB68 20 06 CB | JSR CB06 | CBC4 D0 03 | BNE CBC9 | CC1D E6 6A | INC 6A |
| CB6B 20 7F CB | JSR CB7F | CBC6 4C 7B D3 | JMP D37B | CC1F 68 | PLA |
| CB6E 18 | CLC | CBC9 69 FF | ADC #FF | CC20 85 6B | STA 6B |
| CB6F 24 38 | BIT 38 | CBCB 85 6A | STA 6A | CC22 98 | TYA |
| CB71 24 0A | BIT 0A | CBCD 0A | ASL | CC23 48 | PHA |
| CB73 30 03 | BMI CB78 | CBCE 65 6A | ADC 6A | CC24 20 5A D9 | JSR D95A |
| CB75 B0 03 | BCS CB7A | CBD0 A8 | TAY | CC27 A5 AD | LDA AD |
| CB77 60 | RTS | CBD1 68 | PLA | CC29 48 | PHA |
| CB78 B0 FD | BCS CB77 | CBD2 D9 72 C0 | CMP C072,Y | CC2A A5 AC | LDA AC |
| CB7A A2 18 | LDX #18 | CBD5 B0 67 | BCS CC3E | CC2C 48 | PHA |
| CB7C 4C 59 C2 | JMP C259 | CBD7 20 6E CB | JSR CB6E | CC2D A5 AB | LDA AB |
| CB7F A6 C6 | LDX C6 | CBDA 48 | PHA | CC2F 48 | PHA |
| CB81 D0 02 | BNE CB85 | CBDB 20 01 CC | JSR CC01 | CC30 A5 AA | LDA AA |

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| CC32 48 | PHA | CC85 A5 C6 | LDA C6 | CCE9 86 B8 | STX B8 |
| CC33 A5 A9 | LDA A9 | CC87 A4 C7 | LDY C7 | CCEB 60 | RTS |
| CC35 48 | PHA | CC89 69 00 | ADC #00 | CCEC A6 0B | LDX 0B |
| CC36 6C 6A 00 | JMP (006A) | CC8B 90 01 | BCC CC8E | CCEE 10 0D | BPL CCFD |
| CC39 A0 FF | LDY #FF | CC8D C8 | INY | CCF0 A0 00 | LDY #00 |
| CC3B 68 | PLA | CC8E 20 C5 D1 | JSR D1C5 | CCF2 B1 AC | LDA (AC),Y |
| CC3C F0 23 | BEQ CC61 | CC91 4C 21 D5 | JMP D521 | CCF4 AA | TAX |
| CC3E C9 64 | CMP #64 | CC94 C9 A2 | CMP #A2 | CCF5 C8 | INY |
| CC40 F0 03 | BEQ CC45 | CC96 D0 13 | BNE CCAB | CCF6 B1 AC | LDA (AC),Y |
| CC42 20 6E CB | JSR CB6E | CC98 A0 18 | LDY #18 | CCF8 A8 | TAY |
| CC45 84 93 | STY 93 | CC9A D0 3B | BNE CCD7 | CCF9 8A | TXA |
| CC47 68 | PLA | CC9C 20 FE CE | JSR CEFE | CCFA 4C D1 D0 | JMP D0D1 |
| CC48 4A | LSR | CC9F A5 AD | LDA AD | CCFD 4C E1 D8 | JMP D8E1 |
| CC49 85 0F | STA 0F | CCA1 49 FF | EOR #FF | CD00 0A | ASL |
| CC4B 68 | PLA | CCA3 A8 | TAY | CD01 48 | PHA |
| CC4C 85 B1 | STA B1 | CCA4 A5 AC | LDA AC | CD02 AA | TAX |
| CC4E 68 | PLA | CCA6 49 FF | EOR #FF | CD03 20 BF 00 | JSR 00BF |
| CC4F 85 B2 | STA B2 | CCA8 4C D1 D0 | JMP D0D1 | CD06 E0 83 | CPX #83 |
| CC51 68 | PLA | CCAB C9 9F | CMP #9F | CD08 90 20 | BCC CD2A |
| CC52 85 B3 | STA B3 | CCAD D0 03 | BNE CCB2 | CD0A 20 C2 CC | JSR CCC2 |
| CC54 68 | PLA | CCAF 4C 32 D1 | JMP D132 | CD0D 20 7F CB | JSR CB7F |
| CC55 85 B4 | STA B4 | CCB2 C9 AE | CMP #AE | CD10 20 C5 CC | JSR CCC5 |
| CC57 68 | PLA | CCB4 90 03 | BCC CCB9 | CD13 20 70 CB | JSR CB70 |
| CC58 85 B5 | STA B5 | CCB6 4C 00 CD | JMP CD00 | CD16 68 | PLA |
| CC5A 68 | PLA | CCB9 20 C2 CC | JSR CCC2 | CD17 AA | TAX |
| CC5B 85 B6 | STA B6 | CCBC 20 7F CB | JSR CB7F | CD18 A5 AD | LDA AD |
| CC5D 45 AE | EOR AE | CCBF A9 29 | LDA #29 | CD1A 48 | PHA |
| CC5F 85 B7 | STA B7 | CCC1 2C A9 28 | BIT 28A9 | CD1B A5 AC | LDA AC |
| CC61 A5 A9 | LDA A9 | CCC4 2C A9 2C | BIT 2CA9 | CD1D 48 | PHA |
| CC63 60 | RTS | CCC7 A0 00 | LDY #00 | CD1E 8A | TXA |
| CC64 A9 00 | LDA #00 | CCC9 D1 C6 | CMP (C6),Y | CD1F 48 | PHA |
| CC66 85 0A | STA 0A | CCCB D0 03 | BNE CCD0 | CD20 20 DC D4 | JSR D4DC |
| CC68 20 BF 00 | JSR 00BF | CCCD 4C BF 00 | JMP 00BF | CD23 68 | PLA |
| CC6B B0 03 | BCS CC70 | CCD0 A2 02 | LDX #02 | CD24 A8 | TAY |
| CC6D 4C 32 DA | JMP DA32 | CCD2 4C 59 C2 | JMP C259 | CD25 8A | TXA |
| CC70 20 6E CE | JSR CE6E | CCD5 A0 15 | LDY #15 | CD26 48 | PHA |
| CC73 B0 67 | BCS CCDC | CCD7 68 | PLA | CD27 4C 2F CD | JMP CD2F |
| CC75 C9 2E | CMP #2E | CCD8 68 | PLA | CD2A 20 B9 CC | JSR CCB9 |
| CC77 F0 F4 | BEQ CC6D | CCD9 4C DB CB | JMP CBDB | CD2D 68 | PLA |
| CC79 C9 A5 | CMP #A5 | CCDC 20 E4 CD | JSR CDE4 | CD2E A8 | TAY |
| CC7B F0 58 | BEQ CCD5 | CCDF 85 AC | STA AC | CD2F B9 E8 BF | LDA BFE8,Y |
| CC7D C9 A4 | CMP #A4 | CCE1 84 AD | STY AD | CD32 85 9D | STA 9D |
| CC7F F0 E7 | BEQ CC68 | CCE3 A6 0A | LDX 0A | CD34 B9 E9 BF | LDA BFE9,Y |
| CC81 C9 22 | CMP #22 | CCE5 F0 05 | BEQ CCEC | CD37 85 9E | STA 9E |
| CC83 D0 0F | BNE CC94 | CCE7 A2 00 | LDX #00 | CD39 20 9C 00 | JSR 009C |

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| CE52 C5 77 | CMP 77 | CEA1 85 A0 | STA A0 | CEEF 00 | BRK |
| CE54 F0 22 | BEQ CE78 | CEA3 84 A1 | STY A1 | CEFO 00 | BRK |
| CE56 A5 8D | LDA 8D | CEA5 20 DA C1 | JSR C1DA | CEF1 20 BF 00 | JSR 00BF |
| CE58 D1 A7 | CMP (A7),Y | CEA8 A5 A0 | LDA A0 | CEF4 20 7F CB | JSR CB7F |
| CE5A D0 08 | BNE CE64 | CEAA A4 A1 | LDY A1 | CEF7 20 6E CB | JSR CB6E |
| CE5C A5 8E | LDA 8E | CEAC C8 | INY | CEFA A5 AE | LDA AE |
| CE5E C8 | INY | CEAD 85 77 | STA 77 | CEFC 30 0D | BMI CF0B |
| CE5F D1 A7 | CMP (A7),Y | CEAF 84 78 | STY 78 | CEFE A5 A9 | LDA A9 |
| CE61 F0 6A | BEQ CECD | CEB1 A0 00 | LDY #00 | CF00 C9 90 | CMP #90 |
| CE63 88 | DEY | CEB3 A5 8D | LDA 8D | CF02 90 09 | BCC CF0D |
| CE64 18 | CLC | CEB5 91 A7 | STA (A7),Y | CF04 A9 ED | LDA #ED |
| CE65 A5 A7 | LDA A7 | CEB7 C8 | INY | CF06 A0 CE | LDY #CE |
| CE67 69 07 | ADC #07 | CEB8 A5 8E | LDA 8E | CF08 20 9A D9 | JSR D99A |
| CE69 90 E1 | BCC CE4C | CEBA 91 A7 | STA (A7),Y | CF0B D0 7A | BNE CF87 |
| CE6B E8 | INX | CEBC A9 00 | LDA #00 | CF0D 4C DA D9 | JMP D9DA |
| CE6C D0 DC | BNE CE4A | CEBE C8 | INY | CF10 A5 09 | LDA 09 |
| CE6E C9 41 | CMP #41 | CEBF 91 A7 | STA (A7),Y | CF12 05 0B | ORA 0B |
| CE70 90 05 | BCC CE77 | CEC1 C8 | INY | CF14 48 | PHA |
| CE72 4C 3C F0 | JMP F03C | CEC2 91 A7 | STA (A7),Y | CF15 A5 0A | LDA 0A |
| CE75 EA | NOP | CEC4 C8 | INY | CF17 48 | PHA |
| CE76 EA | NOP | CEC5 91 A7 | STA (A7),Y | CF18 A0 00 | LDY #00 |
| CE77 60 | RTS | CEC7 C8 | INY | CF1A 98 | TYA |
| CE78 68 | PLA | CEC8 91 A7 | STA (A7),Y | CF1B 48 | PHA |
| CE79 48 | PHA | CECA C8 | INY | CF1C A5 8E | LDA 8E |
| CE7A C9 DE | CMP #DE | CECB 91 A7 | STA (A7),Y | CF1E 48 | PHA |
| CE7C D0 0D | BNE CE8B | CECD A5 A7 | LDA A7 | CF1F A5 8D | LDA 8D |
| CE7E BA | TSX | CECF 18 | CLC | CF21 48 | PHA |
| CE7F BD 02 01 | LDA 0102,X | CED0 69 02 | ADC #02 | CF22 20 F1 CE | JSR CEF1 |
| CE82 C9 CC | CMP #CC | CED2 A4 A8 | LDY A8 | CF25 68 | PLA |
| CE84 D0 05 | BNE CE8B | CED4 90 01 | BCC CED7 | CF26 85 8D | STA 8D |
| CE86 A9 4E | LDA #4E | CED6 C8 | INY | CF28 68 | PLA |
| CE88 A0 DC | LDY #DC | CED7 85 8F | STA 8F | CF29 85 8E | STA 8E |
| CE8A 60 | RTS | CED9 84 90 | STY 90 | CF2B 68 | PLA |
| CE8B A5 77 | LDA 77 | CEDB 60 | RTS | CF2C A8 | TAY |
| CE8D A4 78 | LDY 78 | CEDC A5 08 | LDA 08 | CF2D BA | TSX |
| CE8F 85 A7 | STA A7 | CEDE 0A | ASL | CF2E BD 02 01 | LDA 0102,X |
| CE91 84 A8 | STY A8 | CEDF 69 05 | ADC #05 | CF31 48 | PHA |
| CE93 A5 79 | LDA 79 | CEE1 65 A7 | ADC A7 | CF32 BD 01 01 | LDA 0101,X |
| CE95 A4 7A | LDY 7A | CEE3 A4 A8 | LDY A8 | CF35 48 | PHA |
| CE97 85 A2 | STA A2 | CEE5 90 01 | BCC CEE8 | CF36 A5 AC | LDA AC |
| CE99 84 A3 | STY A3 | CEE7 C8 | INY | CF38 9D 02 01 | STA 0102,X |
| CE9B 18 | CLC | CEE8 85 A0 | STA A0 | CF3B A5 AD | LDA AD |
| CE9C 69 07 | ADC #07 | CEEA 84 A1 | STY A1 | CF3D 9D 01 01 | STA 0101,X |
| CE9E 90 01 | BCC CEA1 | CEEC 60 | RTS | CF40 C8 | INY |
| CEA0 C8 | INY | CEED 90 80 | BCC CE6F | CF41 20 C5 00 | JSR 00C5 |

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| CF44 C9 2C | CMP #2C | CF9B D0 E7 | BNE CF84 | CFEA 65 A1 | ADC A1 |
| CF46 F0 D2 | BEQ CF1A | CF9D 4C 2A D0 | JMP D02A | CFEC B0 5D | BCS D04B |
| CF48 84 08 | STY 08 | CFA0 20 DC CE | JSR CEDC | CFEE 85 A1 | STA A1 |
| CF4A 20 BF CC | JSR CCBF | CFA3 20 2A C2 | JSR C22A | CFF0 A8 | TAY |
| CF4D 68 | PLA | CFA6 A9 00 | LDA #00 | CFF1 8A | TXA |
| CF4E 85 0A | STA 0A | CFA8 A8 | TAY | CFF2 65 A0 | ADC A0 |
| CF50 68 | PLA | CFA9 85 BA | STA BA | CFF4 90 03 | BCC CFF9 |
| CF51 85 0B | STA 0B | CFAB A2 05 | LDX #05 | CFF6 C8 | INY |
| CF53 29 7F | AND #7F | CFAD A5 8D | LDA 8D | CFF7 F0 52 | BEQ D04B |
| CF55 85 09 | STA 09 | CFAF 91 A7 | STA (A7),Y | CFF9 20 2A C2 | JSR C22A |
| CF57 A6 77 | LDX 77 | CFB1 10 01 | BPL CFB4 | CFFC 85 79 | STA 79 |
| CF59 A5 78 | LDA 78 | CFB3 CA | DEX | CFFE 84 7A | STY 7A |
| CF5B 86 A7 | STX A7 | CFB4 C8 | INY | D000 A9 00 | LDA #00 |
| CF5D 85 A8 | STA A8 | CFB5 A5 8E | LDA 8E | D002 E6 BA | INC BA |
| CF5F C5 7A | CMP 7A | CFB7 91 A7 | STA (A7),Y | D004 A4 B9 | LDY B9 |
| CF61 D0 04 | BNE CF67 | CFB9 10 02 | BPL CFB D | D006 F0 05 | BEQ D00D |
| CF63 E4 79 | CPX 79 | CFBB CA | DEX | D008 88 | DEY |
| CF65 F0 39 | BEQ CFA0 | CFBC CA | DEX | D009 91 A0 | STA (A0),Y |
| CF67 A0 00 | LDY #00 | CFBD 86 B9 | STX B9 | D00B D0 FB | BNE D008 |
| CF69 B1 A7 | LDA (A7),Y | CFBF A5 08 | LDA 08 | D00D C6 A1 | DEC A1 |
| CF6B C8 | INY | CFC1 C8 | INY | D00F C6 BA | DEC BA |
| CF6C C5 8D | CMP 8D | CFC2 C8 | INY | D011 D0 F5 | BNE D008 |
| CF6E D0 06 | BNE CF76 | CFC3 C8 | INY | D013 E6 A1 | INC A1 |
| CF70 A5 8E | LDA 8E | CFC4 91 A7 | STA (A7),Y | D015 38 | SEC |
| CF72 D1 A7 | CMP (A7),Y | CFC6 A2 0B | LDX #0B | D016 A5 79 | LDA 79 |
| CF74 F0 16 | BEQ CF8C | CFC8 A9 00 | LDA #00 | D018 E5 A7 | SBC A7 |
| CF76 C8 | INY | CFCA 24 09 | BIT 09 | D01A A0 02 | LDY #02 |
| CF77 B1 A7 | LDA (A7),Y | CFCC 50 08 | BVC CFD6 | D01C 91 A7 | STA (A7),Y |
| CF79 18 | CLC | CFCE 68 | PLA | D01E A5 7A | LDA 7A |
| CF7A 65 A7 | ADC A7 | CFCF 18 | CLC | D020 C8 | INY |
| CF7C AA | TAX | CFD0 69 01 | ADC #01 | D021 E5 A8 | SBC A8 |
| CF7D C8 | INY | CFD2 AA | TAX | D023 91 A7 | STA (A7),Y |
| CF7E B1 A7 | LDA (A7),Y | CFD3 68 | PLA | D025 A5 09 | LDA 09 |
| CF80 65 A8 | ADC A8 | CFD4 69 00 | ADC #00 | D027 D0 62 | BNE D08B |
| CF82 90 D7 | BCC CF5B | CFD6 C8 | INY | D029 C8 | INY |
| CF84 A2 10 | LDX #10 | CFD7 91 A7 | STA (A7),Y | D02A B1 A7 | LDA (A7),Y |
| CF86 2C A2 08 | BIT 08A2 | CFD9 C8 | INY | D02C 85 08 | STA 08 |
| CF89 4C 59 C2 | JMP C259 | CFDA 8A | TXA | D02E A9 00 | LDA #00 |
| CF8C A2 12 | LDX #12 | CFDB 91 A7 | STA (A7),Y | D030 85 B9 | STA B9 |
| CF8E A5 09 | LDA 09 | CFDD 20 8C D0 | JSR D08C | D032 85 BA | STA BA |
| CF90 D0 F7 | BNE CF89 | CFE0 86 B9 | STX B9 | D034 C8 | INY |
| CF92 20 DC CE | JSR CEDC | CFE2 85 BA | STA BA | D035 68 | PLA |
| CF95 A5 08 | LDA 08 | CFE4 A4 6A | LDY 6A | D036 AA | TAX |
| CF97 A0 04 | LDY #04 | CFE6 C6 08 | DEC 08 | D037 85 AC | STA AC |
| CF99 D1 A7 | CMP (A7),Y | CFE8 D0 DC | BNE CFC6 | D039 68 | PLA |

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| D03A 85 AD | STA AD | D08B 60 | RTS | D0D7 84 AB | STY AB |
| D03C D1 A7 | CMP (A7),Y | D08C 84 6A | STY 6A | D0D9 A2 90 | LDX #90 |
| D03E 90 0E | BCC D04E | D08E B1 A7 | LDA (A7),Y | D0DB 4C 83 D9 | JMP D983 |
| D040 D0 06 | BNE D048 | D090 85 70 | STA 70 | D0DE A4 11 | LDY 11 |
| D042 C8 | INY | D092 88 | DEY | D0E0 A9 00 | LDA #00 |
| D043 8A | TXA | D093 B1 A7 | LDA (A7),Y | D0E2 F0 ED | BEQ D0D1 |
| D044 D1 A7 | CMP (A7),Y | D095 85 71 | STA 71 | D0E4 A6 82 | LDX 82 |
| D046 90 07 | BCC D04F | D097 A9 10 | LDA #10 | D0E6 E8 | INX |
| D048 4C 84 CF | JMP CF84 | D099 85 A5 | STA A5 | D0E7 D0 A2 | BNE D08B |
| D04B 4C 57 C2 | JMP C257 | D09B A2 00 | LDX #00 | D0E9 A2 16 | LDX #16 |
| D04E C8 | INY | D09D A0 00 | LDY #00 | D0EB 2C A2 20 | BIT 20A2 |
| D04F A5 BA | LDA BA | D09F 8A | TXA | D0EE 4C 59 C2 | JMP C259 |
| D051 05 B9 | ORA B9 | D0A0 0A | ASL | D0F1 20 1F D1 | JSR D11F |
| D053 18 | CLC | D0A1 AA | TAX | D0F4 20 E4 D0 | JSR D0E4 |
| D054 F0 0A | BEQ D060 | D0A2 98 | TYA | D0F7 20 C2 CC | JSR CCC2 |
| D056 20 8C D0 | JSR D08C | D0A3 2A | ROL | D0FA A9 80 | LDA #80 |
| D059 8A | TXA | D0A4 A8 | TAY | D0FC 85 0D | STA 0D |
| D05A 65 AC | ADC AC | D0A5 B0 A4 | BCS D04B | D0FE 20 E4 CD | JSR CDE4 |
| D05C AA | TAX | D0A7 06 B9 | ASL B9 | D101 20 6E CB | JSR CB6E |
| D05D 98 | TYA | D0A9 26 BA | ROL BA | D104 20 BF CC | JSR CCBF |
| D05E A4 6A | LDY 6A | D0AB 90 0B | BCC D0B8 | D107 A9 AC | LDA #AC |
| D060 65 AD | ADC AD | D0AD 18 | CLC | D109 20 C7 CC | JSR CCC7 |
| D062 86 B9 | STX B9 | D0AE 8A | TXA | D10C 48 | PHA |
| D064 C6 08 | DEC 08 | D0AF 65 70 | ADC 70 | D10D A5 90 | LDA 90 |
| D066 D0 CA | BNE D032 | D0B1 AA | TAX | D10F 48 | PHA |
| D068 85 BA | STA BA | D0B2 98 | TYA | D110 A5 8F | LDA 8F |
| D06A A2 05 | LDX #05 | D0B3 65 71 | ADC 71 | D112 48 | PHA |
| D06C A5 8D | LDA 8D | D0B5 A8 | TAY | D113 A5 C7 | LDA C7 |
| D06E 10 01 | BPL D071 | D0B6 B0 93 | BCS D04B | D115 48 | PHA |
| D070 CA | DEX | D0B8 C6 A5 | DEC A5 | D116 A5 C6 | LDA C6 |
| D071 A5 8E | LDA 8E | D0BA D0 E3 | BNE D09F | D118 48 | PHA |
| D073 10 02 | BPL D077 | D0BC 60 | RTS | D119 20 67 C7 | JSR C767 |
| D075 CA | DEX | D0BD A5 0A | LDA 0A | D11C 4C 8D D1 | JMP D18D |
| D076 CA | DEX | D0BF F0 03 | BEQ D0C4 | D11F A9 9F | LDA #9F |
| D077 86 70 | STX 70 | D0C1 20 E4 D3 | JSR D3E4 | D121 20 C7 CC | JSR CCC7 |
| D079 A9 00 | LDA #00 | D0C4 20 64 D2 | JSR D264 | D124 09 80 | ORA #80 |
| D07B 20 95 D0 | JSR D095 | D0C7 38 | SEC | D126 85 0D | STA 0D |
| D07E 8A | TXA | D0C8 A5 7B | LDA 7B | D128 20 EB CD | JSR CDEB |
| D07F 65 A0 | ADC A0 | D0CA E5 79 | SBC 79 | D12B 85 96 | STA 96 |
| D081 85 8F | STA 8F | D0CC A8 | TAY | D12D 84 97 | STY 97 |
| D083 98 | TYA | D0CD A5 7C | LDA 7C | D12F 4C 6E CB | JMP CB6E |
| D084 65 A1 | ADC A1 | D0CF E5 7A | SBC 7A | D132 20 1F D1 | JSR D11F |
| D086 85 90 | STA 90 | D0D1 A2 00 | LDX #00 | D135 A5 97 | LDA 97 |
| D088 A8 | TAY | D0D3 86 0A | STX 0A | D137 48 | PHA |
| D089 A5 8F | LDA 8F | D0D5 85 AA | STA AA | D138 A5 96 | LDA 96 |

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| D13A 48 | PHA | D18A 68 | PLA | D1D8 F0 0C | BEQ D1E6 |
| D13B 20 B9 CC | JSR CCB9 | D18B 85 C7 | STA C7 | D1DA C5 06 | CMP 06 |
| D13E 20 6E CB | JSR CB6E | D18D A0 00 | LDY #00 | D1DC F0 04 | BEQ D1E2 |
| D141 68 | PLA | D18F 68 | PLA | D1DE C5 07 | CMP 07 |
| D142 85 96 | STA 96 | D190 91 96 | STA (96),Y | D1E0 D0 F3 | BNE D1D5 |
| D144 68 | PLA | D192 68 | PLA | D1E2 C9 22 | CMP #22 |
| D145 85 97 | STA 97 | D193 C8 | INY | D1E4 F0 01 | BEQ D1E7 |
| D147 A0 02 | LDY #02 | D194 91 96 | STA (96),Y | D1E6 18 | CLC |
| D149 B1 96 | LDA (96),Y | D196 68 | PLA | D1E7 84 A9 | STY A9 |
| D14B 85 8F | STA 8F | D197 C8 | INY | D1E9 98 | TYA |
| D14D AA | TAX | D198 91 96 | STA (96),Y | D1EA 65 B7 | ADC B7 |
| D14E C8 | INY | D19A 68 | PLA | D1EC 85 B9 | STA B9 |
| D14F B1 96 | LDA (96),Y | D19B C8 | INY | D1EE A6 B8 | LDX B8 |
| D151 F0 99 | BEQ D0EC | D19C 91 96 | STA (96),Y | D1F0 90 01 | BCC D1F3 |
| D153 85 90 | STA 90 | D19E 68 | PLA | D1F2 E8 | INX |
| D155 C8 | INY | D19F C8 | INY | D1F3 86 BA | STX BA |
| D156 B1 8F | LDA (8F),Y | D1A0 91 96 | STA (96),Y | D1F5 A5 B8 | LDA B8 |
| D158 48 | PHA | D1A2 60 | RTS | D1F7 F0 04 | BEQ D1FD |
| D159 88 | DEY | D1A3 20 6E CB | JSR CB6E | D1F9 C9 03 | CMP #03 |
| D15A 10 FA | BPL D156 | D1A6 A0 00 | LDY #00 | D1FB D0 0B | BNE D208 |
| D15C A4 90 | LDY 90 | D1A8 20 1E DB | JSR DB1E | D1FD 98 | TYA |
| D15E 20 13 D9 | JSR D913 | D1AB 68 | PLA | D1FE 20 B3 D1 | JSR D1B3 |
| D161 A5 C7 | LDA C7 | D1AC 68 | PLA | D201 A6 B7 | LDX B7 |
| D163 48 | PHA | D1AD A9 FF | LDA #FF | D203 A4 B8 | LDY B8 |
| D164 A5 C6 | LDA C6 | D1AF A0 03 | LDY #03 | D205 20 C6 D3 | JSR D3C6 |
| D166 48 | PHA | D1B1 D0 12 | BNE D1C5 | D208 A6 5E | LDX 5E |
| D167 B1 96 | LDA (96),Y | D1B3 A6 AC | LDX AC | D20A E0 6A | CPX #6A |
| D169 85 C6 | STA C6 | D1B5 A4 AD | LDY AD | D20C D0 05 | BNE D213 |
| D16B C8 | INY | D1B7 86 98 | STX 98 | D20E A2 1C | LDX #1C |
| D16C B1 96 | LDA (96),Y | D1B9 84 99 | STY 99 | D210 4C 59 C2 | JMP C259 |
| D16E 85 C7 | STA C7 | D1BB 20 32 D2 | JSR D232 | D213 A5 A9 | LDA A9 |
| D170 A5 90 | LDA 90 | D1BE 86 AA | STX AA | D215 95 00 | STA 00,X |
| D172 48 | PHA | D1C0 84 AB | STY AB | D217 A5 AA | LDA AA |
| D173 A5 8F | LDA 8F | D1C2 85 A9 | STA A9 | D219 95 01 | STA 01,X |
| D175 48 | PHA | D1C4 60 | RTS | D21B A5 AB | LDA AB |
| D176 20 6B CB | JSR CB6B | D1C5 A2 22 | LDX #22 | D21D 95 02 | STA 02,X |
| D179 68 | PLA | D1C7 86 06 | STX 06 | D21F A0 00 | LDY #00 |
| D17A 85 96 | STA 96 | D1C9 86 07 | STX 07 | D221 86 AC | STX AC |
| D17C 68 | PLA | D1CB 85 B7 | STA B7 | D223 84 AD | STY AD |
| D17D 85 97 | STA 97 | D1CD 84 B8 | STY B8 | D225 84 B8 | STY B8 |
| D17F 20 C5 00 | JSR 00C5 | D1CF 85 AA | STA AA | D227 88 | DEY |
| D182 F0 03 | BEQ D187 | D1D1 84 AB | STY AB | D228 84 0A | STY 0A |
| D184 4C D0 CC | JMP CCDO | D1D3 A0 FF | LDY #FF | D22A 86 5F | STX 5F |
| D187 68 | PLA | D1D5 C8 | INY | D22C E8 | INX |
| D188 85 C6 | STA C6 | D1D6 B1 B7 | LDA (B7),Y | D22D E8 | INX |

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| D22E E8 | INX | D280 86 6B | STX 6B | D2D7 10 D3 | BPL D2AC |
| D22F 86 5E | STX 5E | D282 C5 5E | CMP 5E | D2D9 8A | TXA |
| D231 60 | RTS | D284 F0 05 | BEQ D28B | D2DA 30 D0 | BMI D2AC |
| D232 46 0C | LSR 0C | D286 20 05 D3 | JSR D305 | D2DC C8 | INY |
| D234 48 | PHA | D289 F0 F7 | BEQ D282 | D2DD B1 6A | LDA (6A),Y |
| D235 49 FF | EOR #FF | D28B A9 07 | LDA #07 | D2DF A0 00 | LDY #00 |
| D237 38 | SEC | D28D 85 9B | STA 9B | D2E1 0A | ASL |
| D238 65 7B | ADC 7B | D28F A5 75 | LDA 75 | D2E2 69 05 | ADC #05 |
| D23A A4 7C | LDY 7C | D291 A6 76 | LDX 76 | D2E4 65 6A | ADC 6A |
| D23C B0 01 | BCS D23F | D293 85 6A | STA 6A | D2E6 85 6A | STA 6A |
| D23E 88 | DEY | D295 86 6B | STX 6B | D2E8 90 02 | BCC D2EC |
| D23F C4 7A | CPY 7A | D297 E4 78 | CPX 78 | D2EA E6 6B | INC 6B |
| D241 90 11 | BCC D254 | D299 D0 04 | BNE D29F | D2EC A6 6B | LDX 6B |
| D243 D0 04 | BNE D249 | D29B C5 77 | CMP 77 | D2EE E4 A1 | CPX A1 |
| D245 C5 79 | CMP 79 | D29D F0 05 | BEQ D2A4 | D2F0 D0 04 | BNE D2F6 |
| D247 90 0B | BCC D254 | D29F 20 FB D2 | JSR D2FB | D2F2 C5 A0 | CMP A0 |
| D249 85 7B | STA 7B | D2A2 F0 F3 | BEQ D297 | D2F4 F0 BA | BEQ D2B0 |
| D24B 84 7C | STY 7C | D2A4 85 A0 | STA A0 | D2F6 20 05 D3 | JSR D305 |
| D24D 85 7D | STA 7D | D2A6 86 A1 | STX A1 | D2F9 F0 F3 | BEQ D2EE |
| D24F 84 7E | STY 7E | D2A8 A9 03 | LDA #03 | D2FB B1 6A | LDA (6A),Y |
| D251 AA | TAX | D2AA 85 9B | STA 9B | D2FD 30 35 | BMI D334 |
| D252 68 | PLA | D2AC A5 A0 | LDA A0 | D2FF C8 | INY |
| D253 60 | RTS | D2AE A6 A1 | LDX A1 | D300 B1 6A | LDA (6A),Y |
| D254 A2 0C | LDX #0C | D2B0 E4 7A | CPX 7A | D302 10 30 | BPL D334 |
| D256 A5 0C | LDA 0C | D2B2 D0 07 | BNE D2BB | D304 C8 | INY |
| D258 30 B6 | BMI D210 | D2B4 C5 79 | CMP 79 | D305 B1 6A | LDA (6A),Y |
| D25A 20 64 D2 | JSR D264 | D2B6 D0 03 | BNE D2BB | D307 F0 2B | BEQ D334 |
| D25D A9 80 | LDA #80 | D2B8 4C 44 D3 | JMP D344 | D309 C8 | INY |
| D25F 85 0C | STA 0C | D2BB 85 6A | STA 6A | D30A B1 6A | LDA (6A),Y |
| D261 68 | PLA | D2BD 86 6B | STX 6B | D30C AA | TAX |
| D262 D0 D0 | BNE D234 | D2BF A0 00 | LDY #00 | D30D C8 | INY |
| D264 A6 7F | LDX 7F | D2C1 B1 6A | LDA (6A),Y | D30E B1 6A | LDA (6A),Y |
| D266 A5 80 | LDA 80 | D2C3 AA | TAX | D310 C5 7C | CMP 7C |
| D268 86 7B | STX 7B | D2C4 C8 | INY | D312 90 06 | BCC D31A |
| D26A 85 7C | STA 7C | D2C5 B1 6A | LDA (6A),Y | D314 D0 1E | BNE D334 |
| D26C A0 00 | LDY #00 | D2C7 08 | PHP | D316 E4 7B | CPX 7B |
| D26E 84 97 | STY 97 | D2C8 C8 | INY | D318 B0 1A | BCS D334 |
| D270 84 96 | STY 96 | D2C9 B1 6A | LDA (6A),Y | D31A C5 A8 | CMP A8 |
| D272 A5 79 | LDA 79 | D2CB 65 A0 | ADC A0 | D31C 90 16 | BCC D334 |
| D274 A6 7A | LDX 7A | D2CD 85 A0 | STA A0 | D31E D0 04 | BNE D324 |
| D276 85 A7 | STA A7 | D2CF C8 | INY | D320 E4 A7 | CPX A7 |
| D278 86 A8 | STX A8 | D2D0 B1 6A | LDA (6A),Y | D322 90 10 | BCC D334 |
| D27A A9 61 | LDA #61 | D2D2 65 A1 | ADC A1 | D324 86 A7 | STX A7 |
| D27C A2 00 | LDX #00 | D2D4 85 A1 | STA A1 | D326 85 A8 | STA A8 |
| D27E 85 6A | STA 6A | D2D6 28 | PLP | D328 A5 6A | LDA 6A |

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| D32A A6 6B | LDX 6B | D37E A5 AC | LDA AC | D3D4 D0 F8 | BNE D3CE |
| D32C 85 96 | STA 96 | D380 48 | PHA | D3D6 68 | PLA |
| D32E 86 97 | STX 97 | D381 20 64 CC | JSR CC64 | D3D7 18 | CLC |
| D330 A5 9B | LDA 9B | D384 20 70 CB | JSR CB70 | D3D8 65 7D | ADC 7D |
| D332 85 9D | STA 9D | D387 68 | PLA | D3DA 85 7D | STA 7D |
| D334 A5 9B | LDA 9B | D388 85 B7 | STA B7 | D3DC 90 02 | BCC D3E0 |
| D336 18 | CLC | D38A 68 | PLA | D3DE E6 7E | INC 7E |
| D337 65 6A | ADC 6A | D38B 85 B8 | STA B8 | D3E0 60 | RTS |
| D339 85 6A | STA 6A | D38D A0 00 | LDY #00 | D3E1 20 70 CB\00#r\88 | JSR CB70 |
| D33B 90 02 | BCC D33F | D38F B1 B7 | LDA (B7),Y | D3E4 A5 AC | LDA AC |
| D33D E6 6B | INC 6B | D391 18 | CLC | D3E6 A4 AD | LDY AD |
| D33F A6 6B | LDX 6B | D392 71 AC | ADC (AC),Y | D3E8 85 6A | STA 6A |
| D341 A0 00 | LDY #00 | D394 90 05 | BCC D39B | D3EA 84 6B | STY 6B |
| D343 60 | RTS | D396 A2 1A | LDX #1A | D3EC 20 19 D4 | JSR D419 |
| D344 A5 97 | LDA 97 | D398 4C 59 C2 | JMP C259 | D3EF 08 | PHP |
| D346 05 96 | ORA 96 | D39B 20 B3 D1 | JSR D1B3 | D3F0 A0 00 | LDY #00 |
| D348 F0 F5 | BEQ D33F | D39E 20 B8 D3 | JSR D3B8 | D3F2 B1 6A | LDA (6A),Y |
| D34A A5 9D | LDA 9D | D3A1 A5 98 | LDA 98 | D3F4 48 | PHA |
| D34C 29 04 | AND #04 | D3A3 A4 99 | LDY 99 | D3F5 C8 | INY |
| D34E 4A | LSR | D3A5 20 E8 D3 | JSR D3E8 | D3F6 B1 6A | LDA (6A),Y |
| D34F A8 | TAY | D3A8 20 CA D3 | JSR D3CA | D3F8 AA | TAX |
| D350 85 9D | STA 9D | D3AB A5 B7 | LDA B7 | D3F9 C8 | INY |
| D352 B1 96 | LDA (96),Y | D3AD A4 B8 | LDY B8 | D3FA B1 6A | LDA (6A),Y |
| D354 65 A7 | ADC A7 | D3AF 20 E8 D3 | JSR D3E8 | D3FC A8 | TAY |
| D356 85 A2 | STA A2 | D3B2 20 08 D2 | JSR D208 | D3FD 68 | PLA |
| D358 A5 A8 | LDA A8 | D3B5 4C 99 CB | JMP CB99 | D3FE 28 | PLP |
| D35A 69 00 | ADC #00 | D3B8 A0 00 | LDY #00 | D3FF D0 13 | BNE D414 |
| D35C 85 A3 | STA A3 | D3BA B1 B7 | LDA (B7),Y | D401 C4 7C | CPY 7C |
| D35E A5 7B | LDA 7B | D3BC 48 | PHA | D403 D0 0F | BNE D414 |
| D360 A6 7C | LDX 7C | D3BD C8 | INY | D405 E4 7B | CPX 7B |
| D362 85 A0 | STA A0 | D3BE B1 B7 | LDA (B7),Y | D407 D0 0B | BNE D414 |
| D364 86 A1 | STX A1 | D3C0 AA | TAX | D409 48 | PHA |
| D366 20 E1 C1 | JSR C1E1 | D3C1 C8 | INY | D40A 18 | CLC |
| D369 A4 9D | LDY 9D | D3C2 B1 B7 | LDA (B7),Y | D40B 65 7B | ADC 7B |
| D36B C8 | INY | D3C4 A8 | TAY | D40D 85 7B | STA 7B |
| D36C A5 A0 | LDA A0 | D3C5 68 | PLA | D40F 90 02 | BCC D413 |
| D36E 91 96 | STA (96),Y | D3C6 86 6A | STX 6A | D411 E6 7C | INC 7C |
| D370 AA | TAX | D3C8 84 6B | STY 6B | D413 68 | PLA |
| D371 E6 A1 | INC A1 | D3CA A8 | TAY | D414 86 6A | STX 6A |
| D373 A5 A1 | LDA A1 | D3CB F0 0A | BEQ D3D7 | D416 84 6B | STY 6B |
| D375 C8 | INY | D3CD 48 | PHA | D418 60 | RTS |
| D376 91 96 | STA (96),Y | D3CE 88 | DEY | D419 C4 60 | CPY 60 |
| D378 4C 68 D2 | JMP D268 | D3CF B1 6A | LDA (6A),Y | D41B D0 0C | BNE D429 |
| D37B A5 AD | LDA AD | D3D1 91 7D | STA (7D),Y | D41D C5 5F | CMP 5F |
| D37D 48 | PHA | D3D3 98 | TYA | D41F D0 08 | BNE D429 |

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| D421 85 5E | STA 5E | D472 4C 44 D4 | JMP D444 | D4C3 A2 00 | LDX #00 |
| D423 E9 03 | SBC #03 | D475 A9 FF | LDA #FF | D4C5 86 0A | STX 0A |
| D425 85 5F | STA 5F | D477 85 AD | STA AD | D4C7 A8 | TAY |
| D427 A0 00 | LDY #00 | D479 20 C5 00 | JSR 00C5 | D4C8 60 | RTS |
| D429 60 | RTS | D47C C9 29 | CMP #29 | D4C9 20 C0 D4 | JSR D4C0 |
| D42A 20 DF D4 | JSR D4DF | D47E F0 06 | BEQ D486 | D4CC F0 08 | BEQ D4D6 |
| D42D 8A | TXA | D480 20 C5 CC | JSR CCC5 | D4CE A0 00 | LDY #00 |
| D42E 48 | PHA | D483 20 DC D4 | JSR D4DC | D4D0 B1 6A | LDA (6A),Y |
| D42F A9 01 | LDA #01 | D486 20 9F D4 | JSR D49F | D4D2 A8 | TAY |
| D431 20 BB D1 | JSR D1BB | D489 F0 4B | BEQ D4D6 | D4D3 4C E0 D0 | JMP D0E0 |
| D434 68 | PLA | D48B CA | DEX | D4D6 4C 87 CF | JMP CF87 |
| D435 A0 00 | LDY #00 | D48C 8A | TXA | D4D9 20 BF 00 | JSR 00BF |
| D437 91 AA | STA (AA),Y | D48D 48 | PHA | D4DC 20 6B CB | JSR CB6B |
| D439 68 | PLA | D48E 18 | CLC | D4DF 20 F7 CE | JSR CEF7 |
| D43A 68 | PLA | D48F A2 00 | LDX #00 | D4E2 A6 AC | LDX AC |
| D43B 4C 08 D2 | JMP D208 | D491 F1 98 | SBC (98),Y | D4E4 D0 F0 | BNE D4D6 |
| D43E 20 9F D4 | JSR D49F | D493 B0 B6 | BCS D44B | D4E6 A6 AD | LDX AD |
| D441 D1 98 | CMP (98),Y | D495 49 FF | EOR #FF | D4E8 4C C5 00 | JMP 00C5 |
| D443 98 | TYA | D497 C5 AD | CMP AD | D4EB 20 C0 D4 | JSR D4C0 |
| D444 90 04 | BCC D44A | D499 90 B1 | BCC D44C | D4EE D0 03 | BNE D4F3 |
| D446 B1 98 | LDA (98),Y | D49B\00.T\CD AD | LDA AD | D4F0 4C 36 D6 | JMP D636 |
| D448 AA | TAX | D49D B0 AD | BCS D44C | D4F3 A6 C6 | LDX C6 |
| D449 98 | TYA | D49F 20 BF CC | JSR CCBF | D4F5 A4 C7 | LDY C7 |
| D44A 48 | PHA | D4A2 68 | PLA | D4F7 86 B9 | STX B9 |
| D44B 8A | TXA | D4A3 A8 | TAY | D4F9 84 BA | STY BA |
| D44C 48 | PHA | D4A4 68 | PLA | D4FB A6 6A | LDX 6A |
| D44D 20 BB D1 | JSR D1BB | D4A5 85 9D | STA 9D | D4FD 86 C6 | STX C6 |
| D450 A5 98 | LDA 98 | D4A7 68 | PLA | D4FF 18 | CLC |
| D452 A4 99 | LDY 99 | D4A8 68 | PLA | D500 65 6A | ADC 6A |
| D454 20 E8 D3 | JSR D3E8 | D4A9 68 | PLA | D502 85 6C | STA 6C |
| D457 68 | PLA | D4AA AA | TAX | D504 A6 6B | LDX 6B |
| D458 A8 | TAY | D4AB 68 | PLA | D506 86 C7 | STX C7 |
| D459 68 | PLA | D4AC 85 98 | STA 98 | D508 90 01 | BCC D50B |
| D45A 18 | CLC | D4AE 68 | PLA | D50A E8 | INX |
| D45B 65 6A | ADC 6A | D4AF 85 99 | STA 99 | D50B 86 6D | STX 6D |
| D45D 85 6A | STA 6A | D4B1 A5 9D | LDA 9D | D50D A0 00 | LDY #00 |
| D45F 90 02 | BCC D463 | D4B3 48 | PHA | D50F B1 6C | LDA (6C),Y |
| D461 E6 6B | INC 6B | D4B4 98 | TYA | D511 48 | PHA |
| D463 98 | TYA | D4B5 48 | PHA | D512 A9 00 | LDA #00 |
| D464 20 CA D3 | JSR D3CA | D4B6 A0 00 | LDY #00 | D514 91 6C | STA (6C),Y |
| D467 4C 08 D2 | JMP D208 | D4B8 8A | TXA | D516 20 C5 00 | JSR 00C5 |
| D46A 20 9F D4 | JSR D49F | D4B9 60 | RTS | D519 20 32 DA | JSR DA32 |
| D46D 18 | CLC | D4BA 20 C0 D4 | JSR D4C0 | D51C 68 | PLA |
| D46E F1 98 | SBC (98),Y | D4BD 4C E0 D0 | JMP D0E0 | D51D A0 00 | LDY #00 |
| D470 49 FF | EOR #FF | D4C0 20 E1 D3 | JSR D3E1 | D51F 91 6C | STA (6C),Y |

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| D521 A6 B9 | LDX B9 | D57D A0 00 | LDY #00 | D5DA A8 | TAY |
| D523 A4 BA | LDY BA | D57F B1 14 | LDA (14),Y | D5DB A5 B8 | LDA B8 |
| D525 86 C6 | STX C6 | D581 45 92 | EOR 92 | D5DD 56 01 | LSR 01,X |
| D527 84 C7 | STY C7 | D583 25 91 | AND 91 | D5DF 20 EF D6 | JSR D6EF |
| D529 60 | RTS | D585 F0 F8 | BEQ D57F | D5E2 24 B7 | BIT B7 |
| D52A 20 6B CB | JSR CB6B | D587 60 | RTS | D5E4 10 57 | BPL D63D |
| D52D 20 36 D5 | JSR D536 | D588 A9 4C | LDA #4C | D5E6 A0 A9 | LDY #A9 |
| D530 20 C5 CC | JSR CCC5 | D58A A0 DC | LDY #DC | D5E8 E0 B1 | CPX #B1 |
| D533 4C DC D4 | JMP D4DC | D58C 4C A6 D5 | JMP D5A6 | D5EA F0 02 | BEQ D5EE |
| D536 A5 AE | LDA AE | D58F 20 CB D7 | JSR D7CB | D5EC A0 B1 | LDY #B1 |
| D538 30 9C | BMI D4D6 | D592 A5 AE | LDA AE | D5EE 38 | SEC |
| D53A A5 A9 | LDA A9 | D594 49 FF | EOR #FF | D5EF 49 FF | EOR #FF |
| D53C C9 91 | CMP #91 | D596 85 AE | STA AE | D5F1 65 9E | ADC 9E |
| D53E B0 96 | BCS D4D6 | D598 45 B6 | EOR B6 | D5F3 85 B8 | STA B8 |
| D540 20 DA D9 | JSR D9DA | D59A 85 B7 | STA B7 | D5F5 B9 04 00 | LDA 0004,Y |
| D543 A5 AC | LDA AC | D59C A5 A9 | LDA A9 | D5F8 F5 04 | SBC 04,X |
| D545 A4 AD | LDY AD | D59E 4C A9 D5 | JMP D5A9 | D5FA 85 AD | STA AD |
| D547 84 14 | STY 14 | D5A1 20 D8 D6 | JSR D6D8 | D5FC B9 03 00 | LDA 0003,Y |
| D549 85 15 | STA 15 | D5A4 90 3C | BCC D5E2 | D5FF F5 03 | SBC 03,X |
| D54B 60 | RTS | D5A6 20 CB D7 | JSR D7CB | D601 85 AC | STA AC |
| D54C A5 15 | LDA 15 | D5A9 D0 03 | BNE D5AE | D603 B9 02 00 | LDA 0002,Y |
| D54E 48 | PHA | D5AB 4C 3B D9 | JMP D93B | D606 F5 02 | SBC 02,X |
| D54F A5 14 | LDA 14 | D5AE A6 B8 | LDX B8 | D608 85 AB | STA AB |
| D551 48 | PHA | D5B0 86 9E | STX 9E | D60A B9 01 00 | LDA 0001,Y |
| D552 20 36 D5 | JSR D536 | D5B2 A2 B1 | LDX #B1 | D60D F5 01 | SBC 01,X |
| D555 A0 00 | LDY #00 | D5B4 A5 B1 | LDA B1 | D60F 85 AA | STA AA |
| D557 B1 14 | LDA (14),Y | D5B6 A8 | TAY | D611 B0 03 | BCS D616 |
| D559 A8 | TAY | D5B7 F0 CE | BEQ D587 | D613 20 86 D6 | JSR D686 |
| D55A 68 | PLA | D5B9 38 | SEC | D616 A0 00 | LDY #00 |
| D55B 85 14 | STA 14 | D5BA E5 A9 | SBC A9 | D618 98 | TYA |
| D55D 68 | PLA | D5BC F0 24 | BEQ D5E2 | D619 18 | CLC |
| D55E 85 15 | STA 15 | D5BE 90 12 | BCC D5D2 | D61A A6 AA | LDX AA |
| D560 4C E0 D0 | JMP D0E0 | D5C0 84 A9 | STY A9 | D61C D0 4A | BNE D668 |
| D563 20 2A D5 | JSR D52A | D5C2 A4 B6 | LDY B6 | D61E A6 AB | LDX AB |
| D566 8A | TXA | D5C4 84 AE | STY AE | D620 86 AA | STX AA |
| D567 A0 00 | LDY #00 | D5C6 49 FF | EOR #FF | D622 A6 AC | LDX AC |
| D569 91 14 | STA (14),Y | D5C8 69 00 | ADC #00 | D624 86 AB | STX AB |
| D56B 60 | RTS | D5CA A0 00 | LDY #00 | D626 A6 AD | LDX AD |
| D56C 20 2A D5 | JSR D52A | D5CC 84 9E | STY 9E | D628 86 AC | STX AC |
| D56F 86 91 | STX 91 | D5CE A2 A9 | LDX #A9 | D62A A6 B8 | LDX B8 |
| D571 A2 00 | LDX #00 | D5D0 D0 04 | BNE D5D6 | D62C 86 AD | STX AD |
| D573 20 C5 00 | JSR 00C5 | D5D2 A0 00 | LDY #00 | D62E 84 B8 | STY B8 |
| D576 F0 03 | BEQ D57B | D5D4 84 B8 | STY B8 | D630 69 08 | ADC #08 |
| D578 20 30 D5 | JSR D530 | D5D6 C9 F9 | CMP #F9 | D632 C9 20 | CMP #20 |
| D57B 86 92 | STX 92 | D5D8 30 C7 | BMI D5A1 | D634 D0 E4 | BNE D61A |

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| D636 A9 00 | LDA #00 | D68E 49 FF | EOR #FF | D6E7 90 02 | BCC D6EB |
| D638 85 A9 | STA A9 | D690 85 AA | STA AA | D6E9 F6 01 | INC 01,X |
| D63A 85 AE | STA AE | D692 A5 AB | LDA AB | D6EB 76 01 | ROR 01,X |
| D63C 60 | RTS | D694 49 FF | EOR #FF | D6ED 76 01 | ROR 01,X |
| D63D 65 9E | ADC 9E | D696 85 AB | STA AB | D6EF 76 02 | ROR 02,X |
| D63F 85 B8 | STA B8 | D698 A5 AC | LDA AC | D6F1 76 03 | ROR 03,X |
| D641 A5 AD | LDA AD | D69A 49 FF | EOR #FF | D6F3 76 04 | ROR 04,X |
| D643 65 B5 | ADC B5 | D69C 85 AC | STA AC | D6F5 6A | ROR |
| D645 85 AD | STA AD | D69E A5 AD | LDA AD | D6F6 C8 | INY |
| D647 A5 AC | LDA AC | D6A0 49 FF | EOR #FF | D6F7 D0 EC | BNE D6E5 |
| D649 65 B4 | ADC B4 | D6A2 85 AD | STA AD | D6F9 18 | CLC |
| D64B 85 AC | STA AC | D6A4 A5 B8 | LDA B8 | D6FA 60 | RTS |
| D64D A5 AB | LDA AB | D6A6 49 FF | EOR #FF | D6FB 81 00 | STA (00,X) |
| D64F 65 B3 | ADC B3 | D6A8 85 B8 | STA B8 | D6FD 00 | BRK |
| D651 85 AB | STA AB | D6AA E6 B8 | INC B8 | D6FE 00 | BRK |
| D653 A5 AA | LDA AA | D6AC D0 0E | BNE D6BC | D6FF 00 | BRK |
| D655 65 B2 | ADC B2 | D6AE E6 AD | INC AD | D700 03 | @@@ |
| D657 85 AA | STA AA | D6B0 D0 0A | BNE D6BC | D701 7F | @@@ |
| D659 4C 75 D6 | JMP D675 | D6B2 E6 AC | INC AC | D702 5E 56 CB | LSR CB56,X |
| D65C 69 01 | ADC #01 | D6B4 D0 06 | BNE D6BC | D705 79 80 13 | ADC 1380,Y |
| D65E 06 B8 | ASL B8 | D6B6 E6 AB | INC AB | D708 9B | @@@ |
| D660 26 AD | ROL AD | D6B8 D0 02 | BNE D6BC | D709 0B | @@@ |
| D662 26 AC | ROL AC | D6BA E6 AA | INC AA | D70A 64 | @@@ |
| D664 26 AB | ROL AB | D6BC 60 | RTS | D70B 80 | @@@ |
| D666 26 AA | ROL AA | D6BD A2 0A | LDX #0A | D70C 76 38 | ROR 38,X |
| D668 10 F2 | BPL D65C | D6BF 4C 59 C2 | JMP C259 | D70E 93 | @@@ |
| D66A 38 | SEC | D6C2 A2 6D | LDX #6D | D70F 16 82 | ASL 82,X |
| D66B E5 A9 | SBC A9 | D6C4 B4 04 | LDY 04,X | D711 38 | SEC |
| D66D B0 C7 | BCS D636 | D6C6 84 B8 | STY B8 | D712 AA | TAX |
| D66F 49 FF | EOR #FF | D6C8 B4 03 | LDY 03,X | D713 3B | @@@ |
| D671 69 01 | ADC #01 | D6CA 94 04 | STY 04,X | D714 20 80 35 | JSR 3580 |
| D673 85 A9 | STA A9 | D6CC B4 02 | LDY 02,X | D717 04 | @@@ |
| D675 90 0E | BCC D685 | D6CE 94 03 | STY 03,X | D718 F3 | @@@ |
| D677 E6 A9 | INC A9 | D6D0 B4 01 | LDY 01,X | D719 34 | @@@ |
| D679 F0 42 | BEQ D6BD | D6D2 94 02 | STY 02,X | D71A 81 35 | STA (35,X) |
| D67B 66 AA | ROR AA | D6D4 A4 B0 | LDY B0 | D71C 04 | @@@ |
| D67D 66 AB | ROR AB | D6D6 94 01 | STY 01,X | D71D F3 | @@@ |
| D67F 66 AC | ROR AC | D6D8 69 08 | ADC #08 | D71E 34 | @@@ |
| D681 66 AD | ROR AD | D6DA 30 E8 | BMI D6C4 | D71F 80 | @@@ |
| D683 66 B8 | ROR B8 | D6DC F0 E6 | BEQ D6C4 | D720 80 | @@@ |
| D685 60 | RTS | D6DE E9 08 | SBC #08 | D721 00 | BRK |
| D686 A5 AE | LDA AE | D6E0 A8 | TAY | D722 00 | BRK |
| D688 49 FF | EOR #FF | D6E1 A5 B8 | LDA B8 | D723 00 | BRK |
| D68A 85 AE | STA AE | D6E3 B0 14 | BCS D6F9 | D724 80 | @@@ |
| D68C A5 AA | LDA AA | D6E5 16 01 | ASL 01,X | D725 31 72 | AND (72),Y |

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| D727 17 | @@@ | D78B A5 AB | LDA AB | D7E0 B1 6A | LDA (6A),Y |
| D728 F8 | SED | D78D 20 98 D7 | JSR D798 | D7E2 85 B6 | STA B6 |
| D729 20 6A D9 | JSR D96A | D790 A5 AA | LDA AA | D7E4 45 AE | EOR AE |
| D72C F0 02 | BEQ D730 | D792 20 9D D7 | JSR D79D | D7E6 85 B7 | STA B7 |
| D72E 10 03 | BPL D733 | D795 4C CE D8 | JMP D8CE | D7E8 A5 B6 | LDA B6 |
| D730 4C 87 CF | JMP CF87 | D798 D0 03 | BNE D79D | D7EA 09 80 | ORA #80 |
| D733 A5 A9 | LDA A9 | D79A 4C C2 D6 | JMP D6C2 | D7EC 85 B2 | STA B2 |
| D735 E9 7F | SBC #7F | D79D 4A | LSR | D7EE 88 | DEY |
| D737 48 | PHA | D79E 09 80 | ORA #80 | D7EF B1 6A | LDA (6A),Y |
| D738 A9 80 | LDA #80 | D7A0 A8 | TAY | D7F1 85 B1 | STA B1 |
| D73A 85 A9 | STA A9 | D7A1 90 19 | BCC D7BC | D7F3 A5 A9 | LDA A9 |
| D73C A9 15 | LDA #15 | D7A3 18 | CLC | D7F5 60 | RTS |
| D73E A0 D7 | LDY #D7 | D7A4 A5 71 | LDA 71 | D7F6 A5 B1 | LDA B1 |
| D740 20 A6 D5 | JSR D5A6 | D7A6 65 B5 | ADC B5 | D7F8 F0 1F | BEQ D819 |
| D743 A9 1A | LDA #1A | D7A8 85 71 | STA 71 | D7FA 18 | CLC |
| D745 A0 D7 | LDY #D7 | D7AA A5 70 | LDA 70 | D7FB 65 A9 | ADC A9 |
| D747 20 4E D8 | JSR D84E | D7AC 65 B4 | ADC B4 | D7FD 90 04 | BCC D803 |
| D74A A9 FB | LDA #FB | D7AE 85 70 | STA 70 | D7FF 30 1D | BMI D81E |
| D74C A0 D6 | LDY #D6 | D7B0 A5 6F | LDA 6F | D801 18 | CLC |
| D74E 20 8F D5 | JSR D58F | D7B2 65 B3 | ADC B3 | D802 2C 10 14 | BIT 1410 |
| D751 A9 00 | LDA #00 | D7B4 85 6F | STA 6F | D805 69 80 | ADC #80 |
| D753 A0 D7 | LDY #D7 | D7B6 A5 6E | LDA 6E | D807 85 A9 | STA A9 |
| D755 20 44 DD | JSR DD44 | D7B8 65 B2 | ADC B2 | D809 D0 03 | BNE D80E |
| D758 A9 1F | LDA #1F | D7BA 85 6E | STA 6E | D80B 4C 3A D6 | JMP D63A |
| D75A A0 D7 | LDY #D7 | D7BC 66 6E | ROR 6E | D80E A5 B7 | LDA B7 |
| D75C 20 A6 D5 | JSR D5A6 | D7BE 66 6F | ROR 6F | D810 85 AE | STA AE |
| D75F 68 | PLA | D7C0 66 70 | ROR 70 | D812 60 | RTS |
| D760 20 BD DA | JSR DABD | D7C2 66 71 | ROR 71 | D813 A5 AE | LDA AE |
| D763 A9 24 | LDA #24 | D7C4 66 B8 | ROR B8 | D815 49 FF | EOR #FF |
| D765 A0 D7 | LDY #D7 | D7C6 98 | TYA | D817 30 05 | BMI D81E |
| D767 20 CB D7 | JSR D7CB | D7C7 4A | LSR | D819 68 | PLA |
| D76A D0 03 | BNE D76F | D7C8 D0 D6 | BNE D7A0 | D81A 68 | PLA |
| D76C 4C CA D7 | JMP D7CA | D7CA 60 | RTS | D81B 4C 36 D6 | JMP D636 |
| D76F 20 F6 D7 | JSR D7F6 | D7CB 85 6A | STA 6A | D81E 4C BD D6 | JMP D6BD |
| D772 A9 00 | LDA #00 | D7CD 84 6B | STY 6B | D821 20 4B D9 | JSR D94B |
| D774 85 6E | STA 6E | D7CF A0 04 | LDY #04 | D824 AA | TAX |
| D776 85 6F | STA 6F | D7D1 B1 6A | LDA (6A),Y | D825 F0 10 | BEQ D837 |
| D778 85 70 | STA 70 | D7D3 85 B5 | STA B5 | D827 18 | CLC |
| D77A 85 71 | STA 71 | D7D5 88 | DEY | D828 69 02 | ADC #02 |
| D77C A5 B8 | LDA B8 | D7D6 B1 6A | LDA (6A),Y | D82A B0 F2 | BCS D81E |
| D77E 20 98 D7 | JSR D798 | D7D8 85 B4 | STA B4 | D82C A2 00 | LDX #00 |
| D781 A5 AD | LDA AD | D7DA 88 | DEY | D82E 86 B7 | STX B7 |
| D783 20 98 D7 | JSR D798 | D7DB B1 6A | LDA (6A),Y | D830 20 B6 D5 | JSR D5B6 |
| D786 A5 AC | LDA AC | D7DD 85 B3 | STA B3 | D833 E6 A9 | INC A9 |
| D788 20 98 D7 | JSR D798 | D7DF 88 | DEY | D835 F0 E7 | BEQ D81E |

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| D837 60 | RTS | D88E 06 B5 | ASL B5 | D8E3 84 6B | STY 6B |
| D838 84 20 | STY 20 | D890 26 B4 | ROL B4 | D8E5 A0 04 | LDY #04 |
| D83A 00 | BRK | D892 26 B3 | ROL B3 | D8E7 B1 6A | LDA (6A),Y |
| D83B 00 | BRK | D894 26 B2 | ROL B2 | D8E9 85 AD | STA AD |
| D83C 00 | BRK | D896 B0 E6 | BCS D87E | D8EB 88 | DEY |
| D83D 20 4B D9 | JSR D94B | D898 30 CE | BMI D868 | D8EC B1 6A | LDA (6A),Y |
| D840 A9 38 | LDA #38 | D89A 10 E2 | BPL D87E | D8EE 85 AC | STA AC |
| D842 A0 D8 | LDY #D8 | D89C A8 | TAY | D8F0 88 | DEY |
| D844 A2 00 | LDX #00 | D89D A5 B5 | LDA B5 | D8F1 B1 6A | LDA (6A),Y |
| D846 86 B7 | STX B7 | D89F E5 AD | SBC AD | D8F3 85 AB | STA AB |
| D848 20 E1 D8 | JSR D8E1 | D8A1 85 B5 | STA B5 | D8F5 88 | DEY |
| D84B 4C 51 D8 | JMP D851 | D8A3 A5 B4 | LDA B4 | D8F6 B1 6A | LDA (6A),Y |
| D84E 20 CB D7 | JSR D7CB | D8A5 E5 AC | SBC AC | D8F8 85 AE | STA AE |
| D851 F0 76 | BEQ D8C9 | D8A7 85 B4 | STA B4 | D8FA 09 80 | ORA #80 |
| D853 20 5A D9 | JSR D95A | D8A9 A5 B3 | LDA B3 | D8FC 85 AA | STA AA |
| D856 A9 00 | LDA #00 | D8AB E5 AB | SBC AB | D8FE 88 | DEY |
| D858 38 | SEC | D8AD 85 B3 | STA B3 | D8FF B1 6A | LDA (6A),Y |
| D859 E5 A9 | SBC A9 | D8AF A5 B2 | LDA B2 | D901 85 A9 | STA A9 |
| D85B 85 A9 | STA A9 | D8B1 E5 AA | SBC AA | D903 84 B8 | STY B8 |
| D85D 20 F6 D7 | JSR D7F6 | D8B3 85 B2 | STA B2 | D905 60 | RTS |
| D860 E6 A9 | INC A9 | D8B5 98 | TYA | D906 A2 A4 | LDX #A4 |
| D862 F0 BA | BEQ D81E | D8B6 4C 8E D8 | JMP D88E | D908 2C A2 9F | BIT 9FA2 |
| D864 A2 FC | LDX #FC | D8B9 A9 40 | LDA #40 | D90B A0 00 | LDY #00 |
| D866 A9 01 | LDA #01 | D8BB D0 CE | BNE D88B | D90D F0 04 | BEQ D913 |
| D868 A4 B2 | LDY B2 | D8BD 0A | ASL | D90F A6 91 | LDX 91 |
| D86A C4 AA | CPY AA | D8BE 0A | ASL | D911 A4 92 | LDY 92 |
| D86C D0 10 | BNE D87E | D8BF 0A | ASL | D913 20 5A D9 | JSR D95A |
| D86E A4 B3 | LDY B3 | D8C0 0A | ASL | D916 86 6A | STX 6A |
| D870 C4 AB | CPY AB | D8C1 0A | ASL | D918 84 6B | STY 6B |
| D872 D0 0A | BNE D87E | D8C2 0A | ASL | D91A A0 04 | LDY #04 |
| D874 A4 B4 | LDY B4 | D8C3 85 B8 | STA B8 | D91C A5 AD | LDA AD |
| D876 C4 AC | CPY AC | D8C5 28 | PLP | D91E 91 6A | STA (6A),Y |
| D878 D0 04 | BNE D87E | D8C6 4C CE D8 | JMP D8CE | D920 88 | DEY |
| D87A A4 B5 | LDY B5 | D8C9 A2 14 | LDX #14 | D921 A5 AC | LDA AC |
| D87C C4 AD | CPY AD | D8CB 4C 59 C2 | JMP C259 | D923 91 6A | STA (6A),Y |
| D87E 08 | PHP | D8CE A5 6E | LDA 6E | D925 88 | DEY |
| D87F 2A | ROL | D8D0 85 AA | STA AA | D926 A5 AB | LDA AB |
| D880 90 09 | BCC D88B | D8D2 A5 6F | LDA 6F | D928 91 6A | STA (6A),Y |
| D882 E8 | INX | D8D4 85 AB | STA AB | D92A 88 | DEY |
| D883 95 71 | STA 71,X | D8D6 A5 70 | LDA 70 | D92B A5 AE | LDA AE |
| D885 F0 32 | BEQ D8B9 | D8D8 85 AC | STA AC | D92D 09 7F | ORA #7F |
| D887 10 34 | BPL D8BD | D8DA A5 71 | LDA 71 | D92F 25 AA | AND AA |
| D889 A9 01 | LDA #01 | D8DC 85 AD | STA AD | D931 91 6A | STA (6A),Y |
| D88B 28 | PLP | D8DE 4C 16 D6 | JMP D616 | D933 88 | DEY |
| D88C B0 0E | BCS D89C | D8E1 85 6A | STA 6A | D934 A5 A9 | LDA A9 |

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| D936 91 6A | STA (6A),Y | D98C 85 AC | STA AC | D9E1 24 AE | BIT AE |
| D938 84 B8 | STY B8 | D98E 86 A9 | STX A9 | D9E3 10 09 | BPL D9EE |
| D93A 60 | RTS | D990 85 B8 | STA B8 | D9E5 AA | TAX |
| D93B A5 B6 | LDA B6 | D992 85 AE | STA AE | D9E6 A9 FF | LDA #FF |
| D93D 85 AE | STA AE | D994 4C 11 D6 | JMP D611 | D9E8 85 B0 | STA B0 |
| D93F A2 05 | LDX #05 | D997 46 AE | LSR AE | D9EA 20 8C D6 | JSR D68C |
| D941 B5 B0 | LDA B0,X | D999 60 | RTS | D9ED 8A | TXA |
| D943 95 A8 | STA A8,X | D99A 85 6C | STA 6C | D9EE A2 A9 | LDX #A9 |
| D945 CA | DEX | D99C 84 6D | STY 6D | D9F0 C9 F9 | CMP #F9 |
| D946 D0 F9 | BNE D941 | D99E A0 00 | LDY #00 | D9F2 10 06 | BPL D9FA |
| D948 86 B8 | STX B8 | D9A0 B1 6C | LDA (6C),Y | D9F4 20 D8 D6 | JSR D6D8 |
| D94A 60 | RTS | D9A2 C8 | INY | D9F7 84 B0 | STY B0 |
| D94B 20 5A D9 | JSR D95A | D9A3 AA | TAX | D9F9 60 | RTS |
| D94E A2 06 | LDX #06 | D9A4 F0 C4 | BEQ D96A | D9FA A8 | TAY |
| D950 B5 A8 | LDA A8,X | D9A6 B1 6C | LDA (6C),Y | D9FB A5 AE | LDA AE |
| D952 95 B0 | STA B0,X | D9A8 45 AE | EOR AE | D9FD 29 80 | AND #80 |
| D954 CA | DEX | D9AA 30 C2 | BMI D96E | D9FF 46 AA | LSR AA |
| D955 D0 F9 | BNE D950 | D9AC E4 A9 | CPX A9 | DA01 05 AA | ORA AA |
| D957 86 B8 | STX B8 | D9AE D0 21 | BNE D9D1 | DA03 85 AA | STA AA |
| D959 60 | RTS | D9B0 B1 6C | LDA (6C),Y | DA05 20 EF D6 | JSR D6EF |
| D95A A5 A9 | LDA A9 | D9B2 09 80 | ORA #80 | DA08 84 B0 | STY B0 |
| D95C F0 FB | BEQ D959 | D9B4 C5 AA | CMP AA | DA0A 60 | RTS |
| D95E 06 B8 | ASL B8 | D9B6 D0 19 | BNE D9D1 | DA0B A5 A9 | LDA A9 |
| D960 90 F7 | BCC D959 | D9B8 C8 | INY | DA0D C9 A0 | CMP #A0 |
| D962 20 AE D6 | JSR D6AE | D9B9 B1 6C | LDA (6C),Y | DA0F B0 20 | BCS DA31 |
| D965 D0 F2 | BNE D959 | D9BB C5 AB | CMP AB | DA11 20 DA D9 | JSR D9DA |
| D967 4C 77 D6 | JMP D677 | D9BD D0 12 | BNE D9D1 | DA14 84 B8 | STY B8 |
| D96A A5 A9 | LDA A9 | D9BF C8 | INY | DA16 A5 AE | LDA AE |
| D96C F0 09 | BEQ D977 | D9C0 B1 6C | LDA (6C),Y | DA18 84 AE | STY AE |
| D96E A5 AE | LDA AE | D9C2 C5 AC | CMP AC | DA1A 49 80 | EOR #80 |
| D970 2A | ROL | D9C4 D0 0B | BNE D9D1 | DA1C 2A | ROL |
| D971 A9 FF | LDA #FF | D9C6 C8 | INY | DA1D A9 A0 | LDA #A0 |
| D973 B0 02 | BCS D977 | D9C7 A9 7F | LDA #7F | DA1F 85 A9 | STA A9 |
| D975 A9 01 | LDA #01 | D9C9 C5 B8 | CMP B8 | DA21 A5 AD | LDA AD |
| D977 60 | RTS | D9CB B1 6C | LDA (6C),Y | DA23 85 06 | STA 06 |
| D978 20 6A D9 | JSR D96A | D9CD E5 AD | SBC AD | DA25 4C 11 D6 | JMP D611 |
| D97B 85 AA | STA AA | D9CF F0 28 | BEQ D9F9 | DA28 85 AA | STA AA |
| D97D A9 00 | LDA #00 | D9D1 A5 AE | LDA AE | DA2A 85 AB | STA AB |
| D97F 85 AB | STA AB | D9D3 90 02 | BCC D9D7 | DA2C 85 AC | STA AC |
| D981 A2 88 | LDX #88 | D9D5 49 FF | EOR #FF | DA2E 85 AD | STA AD |
| D983 A5 AA | LDA AA | D9D7 4C 70 D9 | JMP D970 | DA30 A8 | TAY |
| D985 49 FF | EOR #FF | D9DA A5 A9 | LDA A9 | DA31 60 | RTS |
| D987 2A | ROL | D9DC F0 4A | BEQ DA28 | DA32 A0 00 | LDY #00 |
| D988 A9 00 | LDA #00 | D9DE 38 | SEC | DA34 A2 0A | LDX #0A |
| D98A 85 AD | STA AD | D9DF E9 A0 | SBC #A0 | DA36 94 A5 | STY A5,X |

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|---------------|----------|---------------|------------|---------------|------------|
| DA38 CA | DEX | DA94 E6 A6 | INC A6 | DAEB E9 30 | SBC #30 |
| DA39 10 FB | BPL DA36 | DA96 D0 F9 | BNE DA91 | DAED 85 A6 | STA A6 |
| DA3B 90 0F | BCC DA4C | DA98 F0 07 | BEQ DAA1 | DAEF 4C 6F DA | JMP DA6F |
| DA3D C9 2D | CMP #2D | DA9A 20 21 D8 | JSR D821 | DAF2 9B | @@@ |
| DA3F D0 04 | BNE DA45 | DA9D C6 A6 | DEC A6 | DAF3 3E BC 1F | ROL 1FBC,X |
| DA41 86 AF | STX AF | DA9F D0 F9 | BNE DA9A | DAF6 FD 9E 6E | SBC 6E9E,X |
| DA43 F0 04 | BEQ DA49 | DAA1 A5 AF | LDA AF | DAF9 6B | @@@ |
| DA45 C9 2B | CMP #2B | DAA3 30 01 | BMI DAA6 | DAFA 27 | @@@ |
| DA47 D0 05 | BNE DA4E | DAA5 60 | RTS | DAFB FD 9E 6E | SBC 6E9E,X |
| DA49 20 BF 00 | JSR 00BF | DAA6 4C B8 DC | JMP DCB8 | DAFE 6B | @@@ |
| DA4C 90 5B | BCC DAA9 | DAA9 48 | PHA | DAFF 28 | PLP |
| DA4E C9 2E | CMP #2E | DAAA 24 A7 | BIT A7 | DB00 00 | BRK |
| DA50 F0 2E | BEQ DA80 | DAAC 10 02 | BPL DAB0 | DB01 A9 9E | LDA #9E |
| DA52 C9 45 | CMP #45 | DAAE E6 A5 | INC A5 | DB03 A0 C1 | LDY #C1 |
| DA54 D0 30 | BNE DA86 | DAB0 20 21 D8 | JSR D821 | DB05 20 19 DB | JSR DB19 |
| DA56 20 BF 00 | JSR 00BF | DAB3 68 | PLA | DB08 A5 82 | LDA 82 |
| DA59 90 17 | BCC DA72 | DAB4 38 | SEC | DB0A A6 81 | LDX 81 |
| DA5B C9 A5 | CMP #A5 | DAB5 E9 30 | SBC #30 | DB0C 85 AA | STA AA |
| DA5D F0 0E | BEQ DA6D | DAB7 20 BD DA | JSR DABD | DB0E 86 AB | STX AB |
| DA5F C9 2D | CMP #2D | DABA 4C 49 DA | JMP DA49 | DB10 A2 90 | LDX #90 |
| DA61 F0 0A | BEQ DA6D | DABD 48 | PHA | DB12 38 | SEC |
| DA63 C9 A4 | CMP #A4 | DABE 20 4B D9 | JSR D94B | DB13 20 88 D9 | JSR D988 |
| DA65 F0 08 | BEQ DA6F | DAC1 68 | PLA | DB16 20 1C DB | JSR DB1C |
| DA67 C9 2B | CMP #2B | DAC2 20 7B D9 | JSR D97B | DB19 4C 4A C9 | JMP C94A |
| DA69 F0 04 | BEQ DA6F | DAC5 A5 B6 | LDA B6 | DB1C A0 01 | LDY #01 |
| DA6B D0 07 | BNE DA74 | DAC7 45 AE | EBR AE | DB1E A9 20 | LDA #20 |
| DA6D 66 A8 | ROR A8 | DAC9 85 B7 | STA B7 | DB20 24 AE | BIT AE |
| DA6F 20 BF 00 | JSR 00BF | DACB A6 A9 | LDX A9 | DB22 10 02 | BPL DB26 |
| DA72 90 5C | BCC DAD0 | DACD 4C A9 D5 | JMP D5A9 | DB24 A9 2D | LDA #2D |
| DA74 24 A8 | BIT A8 | DAD0 A5 A6 | LDA A6 | DB26 99 FF 03 | STA 03FF,Y |
| DA76 10 0E | BPL DA86 | DAD2 C9 0A | CMP #0A | DB29 85 AE | STA AE |
| DA78 A9 00 | LDA #00 | DAD4 90 09 | BCC DADF | DB2B 84 B9 | STY B9 |
| DA7A 38 | SEC | DAD6 A9 64 | LDA #64 | DB2D C8 | INY |
| DA7B E5 A6 | SBC A6 | DAD8 24 A8 | BIT A8 | DB2E A9 30 | LDA #30 |
| DA7D 4C 88 DA | JMP DA88 | DADA 30 11 | BMI DAED | DB30 A6 A9 | LDX A9 |
| DA80 66 A7 | ROR A7 | DADC 4C BD D6 | JMP D6BD | DB32 D0 03 | BNE DB37 |
| DA82 24 A7 | BIT A7 | DADF 0A | ASL | DB34 4C 3F DC | JMP DC3F |
| DA84 50 C3 | BVC DA49 | DAE0 0A | ASL | DB37 A9 00 | LDA #00 |
| DA86 A5 A6 | LDA A6 | DAE1 18 | CLC | DB39 E0 80 | CPX #80 |
| DA88 38 | SEC | DAE2 65 A6 | ADC A6 | DB3B F0 02 | BEQ DB3F |
| DA89 E5 A5 | SBC A5 | DAE4 0A | ASL | DB3D B0 09 | BCS DB48 |
| DA8B 85 A6 | STA A6 | DAE5 18 | CLC | DB3F A9 FC | LDA #FC |
| DA8D F0 12 | BEQ DAA1 | DAE6 A0 00 | LDY #00 | DB41 A0 DA | LDY #DA |
| DA8F 10 09 | BPL DA9A | DAE8 71 C6 | ADC (C6),Y | DB43 20 67 D7 | JSR D767 |
| DA91 20 3D D8 | JSR D83D | DAEA 38 | SEC | DB46 A9 F7 | LDA #F7 |

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|---------------|------------|----------------|------------|---------------|------------|
| DB48 85 A5 | STA A5 | DBA3 84 B9 | STY B9 | DBF8 29 80 | AND #80 |
| DB4A A9 F7 | LDA #F7 | DBA5 A0 00 | LDY #00 | DBFA AA | TAX |
| DB4C A0 DA | LDY #DA | DBA7 A2 80 | LDX #80 | DBFB C0 24 | CPY #24 |
| DB4E 20 9A D9 | JSR D99A | DBA9 A5 AD | LDA AD | DBFD D0 AA | BNE DBA9 |
| DB51 F0 1E | BEQ DB71 | DBAB 18 | CLC | DBFF A4 B9 | LDY B9 |
| DB53 10 12 | BPL DB67 | DBAC 79 54 DC | ADC DC54,Y | DC01 B9 FF 03 | LDA 03FF,Y |
| DB55 A9 F2 | LDA #F2 | DBAF 85 AD | STA AD | DC04 88 | DEY |
| DB57 A0 DA | LDY #DA | DBB1 A5 AC | LDA AC | DC05 C9 30 | CMP #30 |
| DB59 20 9A D9 | JSR D99A | DBB3 79 53 DC | ADC DC53,Y | DC07 F0 F8 | BEQ DC01 |
| DB5C F0 02 | BEQ DB60 | DBB6 85 AC | STA AC | DC09 C9 2E | CMP #2E |
| DB5E 10 0E | BPL DB6E | DBB8 A5 AB | LDA AB | DC0B F0 01 | BEQ DC0E |
| DB60 20 21 D8 | JSR D821 | DBBA 79 52 DC | ADC DC52,Y | DC0D C8 | INY |
| DB63 C6 A5 | DEC A5 | DBBD 85 AB | STA AB | DC0E A9 2B | LDA #2B |
| DB65 D0 EE | BNE DB55 | DBBF A5 AA | LDA AA | DC10 A6 A6 | LDX A6 |
| DB67 20 3D D8 | JSR D83D | DBC1 79 51 DC | ADC DC51,Y | DC12 F0 2E | BEQ DC42 |
| DB6A E6 A5 | INC A5 | DBC4 85 AA | STA AA | DC14 10 08 | BPL DC1E |
| DB6C D0 DC | BNE DB4A | DBC6 E8 | INX | DC16 A9 00 | LDA #00 |
| DB6E 20 88 D5 | JSR D588 | DBC7 B0 04 | BCS DBCD | DC18 38 | SEC |
| DB71 20 DA D9 | JSR D9DA | DBC9 10 DE | BPL DBA9 | DC19 E5 A6 | SBC A6 |
| DB74 A2 01 | LDX #01 | DBC B 30 02 | BMI DBCF | DC1B AA | TAX |
| DB76 A5 A5 | LDA A5 | DBC D 30 DA | BMI DBA9 | DC1C A9 2D | LDA #2D |
| DB78 18 | CLC | DBC F 8A | TXA | DC1E 99 01 04 | STA 0401,Y |
| DB79 69 0A | ADC #0A | DBD 0 90 04 | BCC DBD6 | DC21 A9 45 | LDA #45 |
| DB7B 30 09 | BMI DB86 | DBD 2 49 FF | EOR #FF | DC23 99 00 04 | STA 0400,Y |
| DB7D C9 0B | CMP #0B | DBD 4 69 0A | ADC #0A | DC26 8A | TXA |
| DB7F B0 06 | BCS DB87 | DBD 6 69 2F | ADC #2F | DC27 A2 2F | LDX #2F |
| DB81 69 FF | ADC #FF | DBD 8 C8 | INY | DC29 38 | SEC |
| DB83 AA | TAX | DBD 9 C8 | INY | DC2A E8 | INX |
| DB84 A9 02 | LDA #02 | DBD A C8 | INY | DC2B E9 0A | SBC #0A |
| DB86 38 | SEC | DBD B C8 | INY | DC2D B0 FB | BCS DC2A |
| DB87 E9 02 | SBC #02 | DBD C 84 8F | STY 8F | DC2F 69 3A | ADC #3A |
| DB89 85 A6 | STA A6 | DBD E A4 B9 | LDY B9 | DC31 99 03 04 | STA 0403,Y |
| DB8B 86 A5 | STX A5 | DBE 0 C8 | INY | DC34 8A | TXA |
| DB8D 8A | TXA | DBE 1 AA | TAX | DC35 99 02 04 | STA 0402,Y |
| DB8E F0 02 | BEQ DB92 | DBE 2 29 7F | AND #7F | DC38 A9 00 | LDA #00 |
| DB90 10 13 | BPL DBA5 | DBE 4 99 FF 03 | STA 03FF,Y | DC3A 99 04 04 | STA 0404,Y |
| DB92 A4 B9 | LDY B9 | DBE 7 C6 A5 | DEC A5 | DC3D F0 08 | BEQ DC47 |
| DB94 A9 2E | LDA #2E | DBE 9 D0 06 | BNE DBF1 | DC3F 99 FF 03 | STA 03FF,Y |
| DB96 C8 | INY | DBE B A9 2E | LDA #2E | DC42 A9 00 | LDA #00 |
| DB97 99 FF 03 | STA 03FF,Y | DBE D C8 | INY | DC44 99 00 04 | STA 0400,Y |
| DB9A 8A | TXA | DBE E 99 FF 03 | STA 03FF,Y | DC47 A9 00 | LDA #00 |
| DB9B F0 06 | BEQ DBA3 | DBF 1 84 B9 | STY B9 | DC49 A0 04 | LDY #04 |
| DB9D A9 30 | LDA #30 | DBF 3 A4 8F | LDY 8F | DC4B 60 | RTS |
| DB9F C8 | INY | DBF 5 8A | TXA | DC4C 80 | @@@ |
| DBA0 99 FF 03 | STA 03FF,Y | DBF 6 49 FF | EOR #FF | DC4D 00 | BRK |

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|---------------|------------|---------------|------------|---------------|------------|
| DC4E 00 | BRK | DC91 10 0F | BPL DCA2 | DCE5 E7 | @@@ |
| DC4F 00 | BRK | DC93 20 0B DA | JSR DAOB | DCE6 C6 80 | DEC 80 |
| DC50 00 | BRK | DC96 A9 96 | LDA #96 | DCE8 31 72 | AND (72),Y |
| DC51 FA | @@@ | DC98 A0 00 | LDY #00 | DCEA 18 | CLC |
| DC52 0A | ASL | DC9A 20 9A D9 | JSR D99A | DCEB 10 81 | BPL DC6E |
| DC53 1F | @@@ | DC9D D0 03 | BNE DCA2 | DCED 00 | BRK |
| DC54 00 | BRK | DC9F 98 | TYA | DCEE 00 | BRK |
| DC55 00 | BRK | DCA0 A4 06 | LDY 06 | DCEF 00 | BRK |
| DC56 98 | TYA | DCA2 20 3D D9 | JSR D93D | DCF0 00 | BRK |
| DC57 96 80 | STX 80,Y | DCA5 98 | TYA | DCF1 A9 C3 | LDA #C3 |
| DC59 FF | @@@ | DCA6 48 | PHA | DCF3 A0 DC | LDY #DC |
| DC5A F0 BD | BEQ DC19 | DCA7 20 29 D7 | JSR D729 | DCF5 20 67 D7 | JSR D767 |
| DC5C C0 00 | CPY #00 | DCAA A9 96 | LDA #96 | DCF8 A5 B8 | LDA B8 |
| DC5E 01 86 | ORA (86,X) | DCAC A0 00 | LDY #00 | DCFA 69 50 | ADC #50 |
| DC60 A0 FF | LDY #FF | DCAE 20 67 D7 | JSR D767 | DCFC 90 03 | BCC DD01 |
| DC62 FF | @@@ | DCB1 20 F1 DC | JSR DCF1 | DCFE 20 62 D9 | JSR D962 |
| DC63 D8 | CLD | DCB4 68 | PLA | DD01 85 9E | STA 9E |
| DC64 F0 00 | BEQ DC66 | DCB5 4A | LSR | DD03 20 4E D9 | JSR D94E |
| DC66 00 | BRK | DCB6 90 0A | BCC DCC2 | DD06 A5 A9 | LDA A9 |
| DC67 03 | @@@ | DCB8 A5 A9 | LDA A9 | DD08 C9 88 | CMP #88 |
| DC68 E8 | INX | DCBA F0 06 | BEQ DCC2 | DD0A 90 03 | BCC DD0F |
| DC69 FF | @@@ | DCBC A5 AE | LDA AE | DD0C 20 13 D8 | JSR D813 |
| DC6A FF | @@@ | DCBE 49 FF | EOR #FF | DD0F 20 0B DA | JSR DAOB |
| DC6B FF | @@@ | DCC0 85 AE | STA AE | DD12 A5 06 | LDA 06 |
| DC6C 9C | @@@ | DCC2 60 | RTS | DD14 18 | CLC |
| DC6D 00 | BRK | DCC3 81 38 | STA (38,X) | DD15 69 81 | ADC #81 |
| DC6E 00 | BRK | DCC5 AA | TAX | DD17 F0 F3 | BEQ DD0C |
| DC6F 00 | BRK | DCC6 3B | @@@ | DD19 38 | SEC |
| DC70 0A | ASL | DCC7 29 07 | AND #07 | DD1A E9 01 | SBC #01 |
| DC71 FF | @@@ | DCC9 71 34 | ADC (34),Y | DD1C 48 | PHA |
| DC72 FF | @@@ | DCCB 58 | CLI | DD1D A2 05 | LDX #05 |
| DC73 FF | @@@ | DCCC 3E 56 74 | ROL 7456,X | DD1F B5 B1 | LDA B1,X |
| DC74 FF | @@@ | DCCF 16 7E | ASL 7E,X | DD21 B4 A9 | LDY A9,X |
| DC75 20 4B D9 | JSR D94B | DCD1 B3 | @@@ | DD23 95 A9 | STA A9,X |
| DC78 A9 4C | LDA #4C | DCD2 1B | @@@ | DD25 94 B1 | STY B1,X |
| DC7A A0 DC | LDY #DC | DCD3 77 | @@@ | DD27 CA | DEX |
| DC7C 20 E1 D8 | JSR D8E1 | DCD4 2F | @@@ | DD28 10 F5 | BPL DD1F |
| DC7F F0 70 | BEQ DCF1 | DCD5 EE E3 85 | INC 85E3 | DD2A A5 9E | LDA 9E |
| DC81 A5 B1 | LDA B1 | DCD8 7A | @@@ | DD2C 85 B8 | STA B8 |
| DC83 D0 03 | BNE DC88 | DCD9 1D 84 1C | ORA 1C84,X | DD2E 20 92 D5 | JSR D592 |
| DC85 4C 38 D6 | JMP D638 | DCDC 2A | ROL | DD31 20 B8 DC | JSR DCB8 |
| DC88 A2 96 | LDX #96 | DCDD 7C | @@@ | DD34 A9 C8 | LDA #C8 |
| DC8A A0 00 | LDY #00 | DCDE 63 | @@@ | DD36 A0 DC | LDY #DC |
| DC8C 20 13 D9 | JSR D913 | DCDF 59 58 0A | EOR 0A58,Y | DD38 20 5A DD | JSR DD5A |
| DC8F A5 B6 | LDA B6 | DCE2 7E 75 FD | ROR FD75,X | DD3B A9 00 | LDA #00 |

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|---------------|------------|---------------|------------|---------------|------------|
| DD3D 85 B7 | STA B7 | DD94 B1 46 | LDA (46),Y | DDF9 A5 AE | LDA AE |
| DD3F 68 | PLA | DD96 20 6A D9 | JSR D96A | DDFB 48 | PHA |
| DD40 20 F8 D7 | JSR D7F8 | DD99 AA | TAX | DDFC 10 0D | BPL DE0B |
| DD43 60 | RTS | DD9A 30 18 | BMI DDB4 | DDFE 20 88 D5 | JSR D588 |
| DD44 85 B9 | STA B9 | DD9C A9 D7 | LDA #D7 | DE01 A5 AE | LDA AE |
| DD46 84 BA | STY BA | DD9E A0 00 | LDY #00 | DE03 30 09 | BMI DE0E |
| DD48 20 09 D9 | JSR D909 | DDA0 20 E1 D8 | JSR D8E1 | DE05 A5 0F | LDA 0F |
| DD4B A9 9F | LDA #9F | DDA3 8A | TXA | DE07 49 FF | EOR #FF |
| DD4D 20 67 D7 | JSR D767 | DDA4 F0 E7 | BEQ DD8D | DE09 85 0F | STA 0F |
| DD50 20 5E DD | JSR DD5E | DDA6 A9 8E | LDA #8E | DE0B 20 B8 DC | JSR DCB8 |
| DD53 A9 9F | LDA #9F | DDA8 A0 DD | LDY #DD | DE0E A9 58 | LDA #58 |
| DD55 A0 00 | LDY #00 | DDAA 20 67 D7 | JSR D767 | DE10 A0 DE | LDY #DE |
| DD57 4C 67 D7 | JMP D767 | DDAD A9 92 | LDA #92 | DE12 20 A6 D5 | JSR D5A6 |
| DD5A 85 B9 | STA B9 | DDAF A0 DD | LDY #DD | DE15 68 | PLA |
| DD5C 84 BA | STY BA | DDB1 20 A6 D5 | JSR D5A6 | DE16 10 03 | BPL DE1B |
| DD5E 20 06 D9 | JSR D906 | DDB4 A6 AD | LDX AD | DE18 20 B8 DC | JSR DCB8 |
| DD61 B1 B9 | LDA (B9),Y | DDB6 A5 AA | LDA AA | DE1B A9 5D | LDA #5D |
| DD63 85 AF | STA AF | DDB8 85 AD | STA AD | DE1D A0 DE | LDY #DE |
| DD65 A4 B9 | LDY B9 | DDBA 86 AA | STX AA | DE1F 4C 44 DD | JMP DD44 |
| DD67 C8 | INY | DDBC A9 00 | LDA #00 | DE22 20 09 D9 | JSR D909 |
| DD68 98 | TYA | DDBE 85 AE | STA AE | DE25 A9 00 | LDA #00 |
| DD69 D0 02 | BNE DD6D | DDC0 A5 A9 | LDA A9 | DE27 85 0F | STA 0F |
| DD6B E6 BA | INC BA | DDC2 85 B8 | STA B8 | DE29 20 D9 DD | JSR DDD9 |
| DD6D 85 B9 | STA B9 | DDC4 A9 80 | LDA #80 | DE2C A2 96 | LDX #96 |
| DD6F A4 BA | LDY BA | DDC6 85 A9 | STA A9 | DE2E A0 00 | LDY #00 |
| DD71 20 67 D7 | JSR D767 | DDC8 20 16 D6 | JSR D616 | DE30 20 CF DD | JSR DDCF |
| DD74 A5 B9 | LDA B9 | DDCB A2 D7 | LDX #D7 | DE33 A9 9F | LDA #9F |
| DD76 A4 BA | LDY BA | DDCD A0 00 | LDY #00 | DE35 A0 00 | LDY #00 |
| DD78 18 | CLC | DDCF 4C 13 D9 | JMP D913 | DE37 20 E1 D8 | JSR D8E1 |
| DD79 69 05 | ADC #05 | DDD2 A9 4E | LDA #4E | DE3A A9 00 | LDA #00 |
| DD7B 90 01 | BCC DD7E | DDD4 A0 DE | LDY #DE | DE3C 85 AE | STA AE |
| DD7D C8 | INY | DDD6 20 A6 D5 | JSR D5A6 | DE3E A5 0F | LDA 0F |
| DD7E 85 B9 | STA B9 | DDD9 20 4B D9 | JSR D94B | DE40 20 4A DE | JSR DE4A |
| DD80 84 BA | STY BA | DDDC A9 53 | LDA #53 | DE43 A9 96 | LDA #96 |
| DD82 20 A6 D5 | JSR D5A6 | DDDE A0 DE | LDY #DE | DE45 A0 00 | LDY #00 |
| DD85 A9 A4 | LDA #A4 | DDE0 A6 B6 | LDX B6 | DE47 4C 4E D8 | JMP D84E |
| DD87 A0 00 | LDY #00 | DDE2 20 46 D8 | JSR D846 | DE4A 48 | PHA |
| DD89 C6 AF | DEC AF | DDE5 20 4B D9 | JSR D94B | DE4B 4C 0B DE | JMP DE0B |
| DD8B D0 E4 | BNE DD71 | DDE8 20 0B DA | JSR DA0B | DE4E 81 49 | STA (49,X) |
| DD8D 60 | RTS | DDEB A9 00 | LDA #00 | DE50 0F | @@@ |
| DD8E 98 | TYA | DDED 85 B7 | STA B7 | DE51 DA | @@@ |
| DD8F 35 44 | AND 44,X | DDEF 20 92 D5 | JSR D592 | DE52 A2 83 | LDX #83 |
| DD91 7A | @@@ | DDF2 A9 58 | LDA #58 | DE54 49 0F | EOR #0F |
| DD92 68 | PLA | DDF4 A0 DE | LDY #DE | DE56 DA | @@@ |
| DD93 28 | PLP | DDF6 20 8F D5 | JSR D58F | DE57 A2 7F | LDX #7F |

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|---------------|------------|---------------|------------|---------------|------------|
| DE59 00 | BRK | DE9F 4F | @@@ | DEF4 20 E7 C9 | JSR C9E7 |
| DE5A 00 | BRK | DEA0 C7 | @@@ | DEF7 86 C6 | STX C6 |
| DE5B 00 | BRK | DEA1 52 | @@@ | DEF9 84 C7 | STY C7 |
| DE5C 00 | BRK | DEA2 58 | CLI | DEFB 20 BF 00 | JSR 00BF |
| DE5D 05 84 | ORA 84 | DEA3 A2 FF | LDX #FF | DEFE A8 | TAY |
| DE5F E6 1A | INC 1A | DEA5 86 82 | STX 82 | DEFF D0 2B | BNE DF2C |
| DE61 2D 1B 86 | AND 861B | DEA7 A2 FE | LDX #FE | DF01 A9 11 | LDA #11 |
| DE64 28 | PLP | DEA9 9A | TXS | DF03 A0 04 | LDY #04 |
| DE65 07 | @@@ | DEAA A9 A3 | LDA #A3 | DF05 85 73 | STA 73 |
| DE66 FB | @@@ | DEAC A0 DE | LDY #DE | DF07 84 74 | STY 74 |
| DE67 F8 | SED | DEAE 85 01 | STA 01 | DF09 85 14 | STA 14 |
| DE68 87 | @@@ | DEB0 84 02 | STY 02 | DF0B 84 15 | STY 15 |
| DE69 99 68 89 | STA 8968,Y | DEB2 A9 4C | LDA #4C | DF0D A0 00 | LDY #00 |
| DE6C 01 87 | ORA (87,X) | DEB4 85 00 | STA 00 | DF0F E6 14 | INC 14 |
| DE6E 23 | @@@ | DEB6 85 9C | STA 9C | DF11 D0 08 | BNE DF1B |
| DE6F 35 DF | AND DF,X | DEB8 85 BB | STA BB | DF13 E6 15 | INC 15 |
| DE71 E1 86 | SBC (86,X) | DEBA 85 03 | STA 03 | DF15 A5 15 | LDA 15 |
| DE73 A5 5D | LDA 5D | DEBC 20 43 DF | JSR DF43 | DF17 C5 BC | CMP BC |
| DE75 E7 | @@@ | DEBF EA | NOP | DF19 F0 1D | BEQ DF38 |
| DE76 28 | PLP | DECO A9 87 | LDA #87 | DF1B A9 55 | LDA #55 |
| DE77 83 | @@@ | DEC2 A0 CF | LDY #CF | DF1D 91 14 | STA (14),Y |
| DE78 49 0F | EOR #0F | DEC4 85 04 | STA 04 | DF1F D1 14 | CMP (14),Y |
| DE7A DA | @@@ | DEC6 84 05 | STY 05 | DF21 D0 15 | BNE DF38 |
| DE7B A2 A1 | LDX #A1 | DEC8 A9 20 | LDA #20 | DF23 0A | ASL |
| DE7D 54 | @@@ | DECA 85 12 | STA 12 | DF24 91 14 | STA (14),Y |
| DE7E 46 8F | LSR 8F | DECC A9 1E | LDA #1E | DF26 D1 14 | CMP (14),Y |
| DE80 13 | @@@ | DECE 85 13 | STA 13 | DF28 D0 0E | BNE DF38 |
| DE81 8F | @@@ | DEDO A2 1C | LDX #1C | DF2A F0 E3 | BEQ DF0F |
| DE82 52 | @@@ | DED2 BD 85 DE | LDA DE85,X | DF2C 20 C5 00 | JSR 00C5 |
| DE83 43 | @@@ | DED5 95 BE | STA BE,X | DF2F 20 DA C7 | JSR C7DA |
| DE84 89 | @@@ | DED7 CA | DEX | DF32 A8 | TAY |
| DE85 CD E6 C6 | CMP C6E6 | DED8 D0 F8 | BNE DED2 | DF33 F0 03 | BEQ DF38 |
| DE88 D0 02 | BNE DE8C | DEDA A9 03 | LDA #03 | DF35 4C D0 CC | JMP CCD0 |
| DE8A E6 C7 | INC C7 | DEDC 85 9B | STA 9B | DF38 A5 14 | LDA 14 |
| DE8C AD 60 EA | LDA EA60 | DEDE 8A | TXA | DF3A A4 15 | LDY 15 |
| DE8F C9 3A | CMP #3A | DEDF 85 B0 | STA B0 | DF3C 85 7F | STA 7F |
| DE91 B0 0A | BCS DE9D | DEE1 85 60 | STA 60 | DF3E 84 80 | STY 80 |
| DE93 C9 20 | CMP #20 | DEE3 48 | PHA | DF40 4C 70 DF | JMP DF70 |
| DE95 F0 EF | BEQ DE86 | DEE4 85 10 | STA 10 | DF43 A9 60 | LDA #60 |
| DE97 38 | SEC | DEE6 20 00 C9 | JSR C900 | DF45 85 BC | STA BC |
| DE98 E9 30 | SBC #30 | DEE9 A2 61 | LDX #61 | DF47 A2 42 | LDX #42 |
| DE9A 38 | SEC | DEEB 86 5E | STX 5E | DF49 A0 40 | LDY #40 |
| DE9B E9 D0 | SBC #D0 | DEED A9 AF | LDA #AF | DF4B BD 00 B0 | LDA B000,X |
| DE9D 60 | RTS | DEEF A0 DF | LDY #DF | DF4E 5D 00 B0 | EOR B000,X |
| DE9E 80 | @@@ | DEF1 20 4A C9 | JSR C94A | DF51 CA | DEX |

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|---------------|------------|---------------|------------|
| DF52 CA | DEX | DFA4 A9 00 | LDA #00 |
| DF53 CA | DEX | DFA6 A0 C9 | LDY #C9 |
| DF54 D0 F8 | BNE DF4E | DFA8 85 01 | STA 01 |
| DF56 C9 4C | CMP #4C | DFAA 84 02 | STY 02 |
| DF58 D0 02 | BNE DF5C | DFAC 4C 7F C2 | JMP C27F |
| DF5A 84 BC | STY BC | DFAF 0C | @@@ |
| DF5C 60 | RTS | DFB0 20 20 3E | JSR 3E20 |
| DF5D C9 03 | CMP #03 | DFB3 45 41 | EOR 41 |
| DF5F D0 FB | BNE DF5C | DFB5 47 | @@@ |
| DF61 A9 00 | LDA #00 | DFB6 4C 45 3C | JMP 3C45 |
| DF63 85 C7 | STA C7 | DFB9 20 45 58 | JSR 5845 |
| DF65 4C 58 C6 | JMP C658 | DFBC 54 | @@@ |
| DF68 FF | @@@ | DFBD 45 4E | EOR 4E |
| DF69 FF | @@@ | DFBF 44 | @@@ |
| DF6A FF | @@@ | DFC0 45 44 | EOR 44 |
| DF6B FF | @@@ | DFC2 20 42 41 | JSR 4142 |
| DF6C FF | @@@ | DFC5 53 | @@@ |
| DF6D FF | @@@ | DFC6 49 43 | EOR #43 |
| DF6E FF | @@@ | DFC8 0D 0A 0A | ORA 0A0A |
| DF6F FF | @@@ | DFCB 20 20 20 | JSR 2020 |
| DF70 A2 11 | LDX #11 | DFCE 20 20 56 | JSR 5620 |
| DF72 A0 04 | LDY #04 | DFD1 20 31 2E | JSR 2E31 |
| DF74 86 73 | STX 73 | DFD4 30 20 | BMI DFF6 |
| DF76 84 74 | STY 74 | DFD6 28 | PLP |
| DF78 A0 00 | LDY #00 | DFD7 43 | @@@ |
| DF7A 98 | TYA | DFD8 29 20 | AND #20 |
| DF7B 91 73 | STA (73),Y | DFDA 38 | SEC |
| DF7D E6 73 | INC 73 | DFDB 35 0D | AND 0D,X |
| DF7F D0 02 | BNE DF83 | DFDD 0A | ASL |
| DF81 E6 74 | INC 74 | DFDE 0A | ASL |
| DF83 20 67 C4 | JSR C467 | DFDF 0A | ASL |
| DF86 A5 73 | LDA 73 | DFE0 4D 45 4D | EOR 4D45 |
| DF88 A4 74 | LDY 74 | DFE3 20 53 49 | JSR 4953 |
| DF8A 20 2A C2 | JSR C22A | DFE6 5A | @@@ |
| DF8D 20 00 C9 | JSR C900 | DFE7 45 20 | EOR 20 |
| DF90 A5 7F | LDA 7F | DFE9 20 00 20 | JSR 2000 |
| DF92 38 | SEC | DFEC 42 | @@@ |
| DF93 E5 73 | SBC 73 | DFED 59 54 45 | EOR 4554,Y |
| DF95 AA | TAX | DFF0 53 | @@@ |
| DF96 A5 80 | LDA 80 | DFF1 20 46 52 | JSR 5246 |
| DF98 E5 74 | SBC 74 | DFF4 45 45 | EOR 45 |
| DF9A 20 0C DB | JSR DB0C | DFF6 0D 0A 0A | ORA 0A0A |
| DF9D A9 EB | LDA #EB | DFF9 00 | BRK |
| DF9F A0 DF | LDY #DF | DFFA 20 C5 00 | JSR 00C5 |
| DFA1 20 4A C9 | JSR C94A | DFFD 4C 9D C8 | JMP C89D |

ORAO 103 MONITOR (E000 - FFFF)

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|------------|----------|--|---------------|----------|--|---------------|----------|--|
| E000 00 | BRK | | E030 08 | PHP | | E068 00 | BRK | |
| E001 00 | BRK | | E031 14 | @@@ | | E069 00 | BRK | |
| E002 00 | BRK | | E032 14 | @@@ | | E06A 00 | BRK | |
| E003 00 | BRK | | E033 0C | @@@ | | E06B 7C | @@@ | |
| E004 00 | BRK | | E034 52 | @@@ | | E06C 00 | BRK | |
| E005 00 | BRK | | E035 22 | @@@ | | E06D 00 | BRK | |
| E006 00 | BRK | | E036 5C | @@@ | | E06E 00 | BRK | |
| E007 00 | BRK | | E037 00 | BRK | | E06F 00 | BRK | |
| E008 08 | PHP | | E038 20 10 08 | JSR 0810 | | E070 00 | BRK | |
| E009 08 | PHP | | E03B 00 | BRK | | E071 00 | BRK | |
| E00A 08 | PHP | | E03C 00 | BRK | | E072 00 | BRK | |
| E00B 08 | PHP | | E03D 00 | BRK | | E073 00 | BRK | |
| E00C 08 | PHP | | E03E 00 | BRK | | E074 18 | CLC | |
| E00D 00 | BRK | | E03F 00 | BRK | | E075 18 | CLC | |
| E00E 08 | PHP | | E040 20 10 08 | JSR 0810 | | E076 00 | BRK | |
| E00F 00 | BRK | | E043 08 | PHP | | E077 00 | BRK | |
| E010 14 | @@@ | | E044 08 | PHP | | E078 00 | BRK | |
| E011 14 | @@@ | | E045 10 20 | BPL E067 | | E079 40 | RTI | |
| E012 00 | BRK | | E047 00 | BRK | | E07A 20 10 08 | JSR 0810 | |
| E013 00 | BRK | | E048 04 | @@@ | | E07D 04 | @@@ | |
| E014 00 | BRK | | E049 08 | PHP | | E07E 00 | BRK | |
| E015 00 | BRK | | E04A 10 10 | BPL E05C | | E07F 00 | BRK | |
| E016 00 | BRK | | E04C 10 08 | BPL E056 | | E080 38 | SEC | |
| E017 00 | BRK | | E04E 04 | @@@ | | E081 44 | @@@ | |
| E018 28 | PLP | | E04F 00 | BRK | | E082 64 | @@@ | |
| E019 28 | PLP | | E050 00 | BRK | | E083 54 | @@@ | |
| E01A 7C | @@@ | | E051 10 54 | BPL E0A7 | | E084 4C 44 38 | JMP 3844 | |
| E01B 28 | PLP | | E053 38 | SEC | | E087 00 | BRK | |
| E01C 7C | @@@ | | E054 54 | @@@ | | E088 10 18 | BPL E0A2 | |
| E01D 28 | PLP | | E055 10 00 | BPL E057 | | E08A 10 10 | BPL E09C | |
| E01E 28 | PLP | | E057 00 | BRK | | E08C 10 10 | BPL E09E | |
| E01F 00 | BRK | | E058 00 | BRK | | E08E 38 | SEC | |
| E020 10 78 | BPL E09A | | E059 10 10 | BPL E06B | | E08F 00 | BRK | |
| E022 14 | @@@ | | E05B 7C | @@@ | | E090 38 | SEC | |
| E023 38 | SEC | | E05C 10 10 | BPL E06E | | E091 44 | @@@ | |
| E024 50 3C | BVC E062 | | E05E 00 | BRK | | E092 40 | RTI | |
| E026 10 00 | BPL E028 | | E05F 00 | BRK | | E093 20 18 04 | JSR 0418 | |
| E028 46 26 | LSR 26 | | E060 00 | BRK | | E096 7C | @@@ | |
| E02A 10 08 | BPL E034 | | E061 00 | BRK | | E097 00 | BRK | |
| E02C 64 | @@@ | | E062 00 | BRK | | E098 7C | @@@ | |
| E02D 62 | @@@ | | E063 00 | BRK | | E099 20 10 20 | JSR 2010 | |
| E02E 00 | BRK | | E064 18 | CLC | | E09C 40 | RTI | |
| E02F 00 | BRK | | E065 18 | CLC | | E09D 44 | @@@ | |
| | | | E066 04 | @@@ | | E09E 38 | SEC | |
| | | | E067 00 | BRK | | E09F 00 | BRK | |

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|------|----------|-----|------|------|----------|----------|------|----|-----|
| EOA0 | 20 30 28 | JSR | 2830 | EOD7 | 00 | BRK | E10B | 7C | @@@ |
| EOA3 | 24 7C | BIT | 7C | EOD8 | 00 | BRK | E10C | 44 | @@@ |
| EOA5 | 20 20 00 | JSR | 0020 | EOD9 | 18 | CLC | E10D | 44 | @@@ |
| EOA8 | 7C | @@@ | | EODA | 18 | CLC | E10E | 44 | @@@ |
| EOA9 | 04 | @@@ | | EODB | 00 | BRK | E10F | 00 | BRK |
| EOAA | 3C | @@@ | | EODC | 18 | CLC | E110 | 3C | @@@ |
| EOAB | 40 | RTI | | EODD | 18 | CLC | E111 | 48 | PHA |
| EOAC | 40 | RTI | | EODE | 04 | @@@ | E112 | 48 | PHA |
| EOAD | 44 | @@@ | | EODF | 00 | BRK | E113 | 38 | SEC |
| EOAE | 38 | SEC | | EOE0 | 20 10 08 | JSR 0810 | E114 | 48 | PHA |
| EOAF | 00 | BRK | | EOE3 | 04 | @@@ | E115 | 48 | PHA |
| EOB0 | 30 08 | BMI | EOBA | EOE4 | 08 | PHP | E116 | 3C | @@@ |
| EOB2 | 04 | @@@ | | EOE5 | 10 20 | BPL E107 | E117 | 00 | BRK |
| EOB3 | 3C | @@@ | | EOE7 | 00 | BRK | E118 | 38 | SEC |
| EOB4 | 44 | @@@ | | EOE8 | 00 | BRK | E119 | 44 | @@@ |
| EOB5 | 44 | @@@ | | EOE9 | 00 | BRK | E11A | 04 | @@@ |
| EOB6 | 38 | SEC | | EOEA | 7C | @@@ | E11B | 04 | @@@ |
| EOB7 | 00 | BRK | | EOEB | 00 | BRK | E11C | 04 | @@@ |
| EOB8 | 7C | @@@ | | EOEC | 7C | @@@ | E11D | 44 | @@@ |
| EOB9 | 40 | RTI | | EOED | 00 | BRK | E11E | 38 | SEC |
| EOBA | 20 10 08 | JSR | 0810 | EOEE | 00 | BRK | E11F | 00 | BRK |
| EOBD | 08 | PHP | | EOEF | 00 | BRK | E120 | 3C | @@@ |
| EOBE | 08 | PHP | | EOF0 | 04 | @@@ | E121 | 48 | PHA |
| EOBF | 00 | BRK | | EOF1 | 08 | PHP | E122 | 48 | PHA |
| EOC0 | 38 | SEC | | EOF2 | 10 20 | BPL E114 | E123 | 48 | PHA |
| EOC1 | 44 | @@@ | | EOF4 | 10 08 | BPL EOFE | E124 | 48 | PHA |
| EOC2 | 44 | @@@ | | EOF6 | 04 | @@@ | E125 | 48 | PHA |
| EOC3 | 38 | SEC | | EOF7 | 00 | BRK | E126 | 3C | @@@ |
| EOC4 | 44 | @@@ | | EOF8 | 1C | @@@ | E127 | 00 | BRK |
| EOC5 | 44 | @@@ | | EOF9 | 22 | @@@ | E128 | 7C | @@@ |
| EOC6 | 38 | SEC | | EOFA | 20 18 08 | JSR 0818 | E129 | 04 | @@@ |
| EOC7 | 00 | BRK | | EOFD | 00 | BRK | E12A | 04 | @@@ |
| EOC8 | 38 | SEC | | EOFE | 08 | PHP | E12B | 1C | @@@ |
| EOC9 | 44 | @@@ | | EOFF | 00 | BRK | E12C | 04 | @@@ |
| EOCA | 44 | @@@ | | E100 | 38 | SEC | E12D | 04 | @@@ |
| EOCB | 78 | SEI | | E101 | 44 | @@@ | E12E | 7C | @@@ |
| EOCC | 40 | RTI | | E102 | 74 | @@@ | E12F | 00 | BRK |
| EOCD | 20 18 00 | JSR | 0018 | E103 | 54 | @@@ | E130 | 7C | @@@ |
| EOD0 | 00 | BRK | | E104 | 74 | @@@ | E131 | 04 | @@@ |
| EOD1 | 18 | CLC | | E105 | 04 | @@@ | E132 | 04 | @@@ |
| EOD2 | 18 | CLC | | E106 | 78 | SEI | E133 | 1C | @@@ |
| EOD3 | 00 | BRK | | E107 | 00 | BRK | E134 | 04 | @@@ |
| EOD4 | 18 | CLC | | E108 | 38 | SEC | E135 | 04 | @@@ |
| EOD5 | 18 | CLC | | E109 | 44 | @@@ | E136 | 04 | @@@ |
| EOD6 | 00 | BRK | | E10A | 44 | @@@ | E137 | 00 | BRK |

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|---------------|-----|--------|---------------|-----|------|---------------|-----|------|
| E138 38 | SEC | | E170 44 | 000 | | E1A3 10 10 | BPL | E1B5 |
| E139 44 | 000 | | E171 44 | 000 | | E1A5 10 10 | BPL | E1B7 |
| E13A 04 | 000 | | E172 4C 54 64 | JMP | 6454 | E1A7 00 | BRK | |
| E13B 04 | 000 | | E175 44 | 000 | | E1A8 44 | 000 | |
| E13C 74 | 000 | | E176 44 | 000 | | E1A9 44 | 000 | |
| E13D 44 | 000 | | E177 00 | BRK | | E1AA 44 | 000 | |
| E13E 78 | SEI | | E178 38 | SEC | | E1AB 44 | 000 | |
| E13F 00 | BRK | | E179 44 | 000 | | E1AC 44 | 000 | |
| E140 44 | 000 | | E17A 44 | 000 | | E1AD 44 | 000 | |
| E141 44 | 000 | | E17B 44 | 000 | | E1AE 38 | SEC | |
| E142 44 | 000 | | E17C 44 | 000 | | E1AF 00 | BRK | |
| E143 7C | 000 | | E17D 44 | 000 | | E1B0 44 | 000 | |
| E144 44 | 000 | | E17E 38 | SEC | | E1B1 44 | 000 | |
| E145 44 | 000 | | E17F 00 | BRK | | E1B2 44 | 000 | |
| E146 44 | 000 | | E180 3C | 000 | | E1B3 44 | 000 | |
| E147 00 | BRK | | E181 44 | 000 | | E1B4 44 | 000 | |
| E148 38 | SEC | | E182 44 | 000 | | E1B5 28 | PLP | |
| E149 10 10 | BPL | E15B | E183 3C | 000 | | E1B6 10 00 | BPL | E1B8 |
| E14B 10 10 | BPL | E15D | E184 04 | 000 | | E1B8 44 | 000 | |
| E14D 10 38 | BPL | E187 | E185 04 | 000 | | E1B9 44 | 000 | |
| E14F 00 | BRK | | E186 04 | 000 | | E1BA 44 | 000 | |
| E150 70 20 | BVS | E172 | E187 00 | BRK | | E1BB 54 | 000 | |
| E152 20 20 20 | JSR | 2020 | E188 38 | SEC | | E1BC 54 | 000 | |
| E155 24 18 | BIT | 18 | E189 44 | 000 | | E1BD 54 | 000 | |
| E157 00 | BRK | | E18A 44 | 000 | | E1BE 28 | PLP | |
| E158 44 | 000 | | E18B 44 | 000 | | E1BF 00 | BRK | |
| E159 24 14 | BIT | 14 | E18C 54 | 000 | | E1C0 44 | 000 | |
| E15B 0C | 000 | | E18D 24 58 | BIT | 58 | E1C1 44 | 000 | |
| E15C 14 | 000 | | E18F 00 | BRK | | E1C2 28 | PLP | |
| E15D 24 44 | BIT | 44 | E190 3C | 000 | | E1C3 10 28 | BPL | E1ED |
| E15F 00 | BRK | | E191 44 | 000 | | E1C5 44 | 000 | |
| E160 04 | 000 | | E192 44 | 000 | | E1C6 44 | 000 | |
| E161 04 | 000 | | E193 3C | 000 | | E1C7 00 | BRK | |
| E162 04 | 000 | | E194 14 | 000 | | E1C8 44 | 000 | |
| E163 04 | 000 | | E195 24 44 | BIT | 44 | E1C9 44 | 000 | |
| E164 04 | 000 | | E197 00 | BRK | | E1CA 44 | 000 | |
| E165 04 | 000 | | E198 38 | SEC | | E1CB 28 | PLP | |
| E166 7C | 000 | | E199 44 | 000 | | E1CC 10 10 | BPL | E1DE |
| E167 00 | BRK | | E19A 08 | PHP | | E1CE 10 00 | BPL | E1D0 |
| E168 44 | 000 | | E19B 10 20 | BPL | E1BD | E1D0 7C | 000 | |
| E169 6C 54 54 | JMP | (5454) | E19D 44 | 000 | | E1D1 40 | RTI | |
| E16C 44 | 000 | | E19E 38 | SEC | | E1D2 20 10 08 | JSR | 0810 |
| E16D 44 | 000 | | E19F 00 | BRK | | E1D5 04 | 000 | |
| E16E 44 | 000 | | E1A0 7C | 000 | | E1D6 7C | 000 | |
| E16F 00 | BRK | | E1A1 10 10 | BPL | E1B3 | E1D7 00 | BRK | |

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|---------------|----------|--|---------------|----------|--|---------------|----------|
| E1D8 28 | PLP | | E20D 38 | SEC | | E243 24 24 | BIT 24 |
| E1D9 38 | SEC | | E20E 00 | BRK | | E245 24 00 | BIT 00 |
| E1DA 44 | @@@ | | E20F 00 | BRK | | E247 00 | BRK |
| E1DB 04 | @@@ | | E210 04 | @@@ | | E248 10 00 | BPL E24A |
| E1DC 04 | @@@ | | E211 04 | @@@ | | E24A 18 | CLC |
| E1DD 44 | @@@ | | E212 1C | @@@ | | E24B 10 10 | BPL E25D |
| E1DE 38 | SEC | | E213 24 24 | BIT 24 | | E24D 38 | SEC |
| E1DF 00 | BRK | | E215 1C | @@@ | | E24E 00 | BRK |
| E1E0 20 38 44 | JSR 4438 | | E216 00 | BRK | | E24F 00 | BRK |
| E1E3 04 | @@@ | | E217 00 | BRK | | E250 10 00 | BPL E252 |
| E1E4 04 | @@@ | | E218 00 | BRK | | E252 18 | CLC |
| E1E5 44 | @@@ | | E219 38 | SEC | | E253 10 10 | BPL E265 |
| E1E6 38 | SEC | | E21A 04 | @@@ | | E255 14 | @@@ |
| E1E7 00 | BRK | | E21B 04 | @@@ | | E256 08 | PHP |
| E1E8 3C | @@@ | | E21C 04 | @@@ | | E257 00 | BRK |
| E1E9 48 | PHA | | E21D 38 | SEC | | E258 04 | @@@ |
| E1EA 48 | PHA | | E21E 00 | BRK | | E259 04 | @@@ |
| E1EB 5C | @@@ | | E21F 00 | BRK | | E25A 14 | @@@ |
| E1EC 48 | PHA | | E220 20 20 38 | JSR 3820 | | E25B 0C | @@@ |
| E1ED 48 | PHA | | E223 24 24 | BIT 24 | | E25C 14 | @@@ |
| E1EE 3C | @@@ | | E225 38 | SEC | | E25D 24 00 | BIT 00 |
| E1EF 00 | BRK | | E226 00 | BRK | | E25F 00 | BRK |
| E1F0 28 | PLP | | E227 00 | BRK | | E260 18 | CLC |
| E1F1 38 | SEC | | E228 00 | BRK | | E261 10 10 | BPL E273 |
| E1F2 44 | @@@ | | E229 18 | CLC | | E263 10 10 | BPL E275 |
| E1F3 08 | PHP | | E22A 24 1C | BIT 1C | | E265 38 | SEC |
| E1F4 30 44 | BMI E23A | | E22C 04 | @@@ | | E266 00 | BRK |
| E1F6 38 | SEC | | E22D 18 | CLC | | E267 00 | BRK |
| E1F7 00 | BRK | | E22E 00 | BRK | | E268 00 | BRK |
| E1F8 28 | PLP | | E22F 00 | BRK | | E269 2C 54 54 | BIT 5454 |
| E1F9 7C | @@@ | | E230 10 28 | BPL E25A | | E26C 54 | @@@ |
| E1FA 40 | RTI | | E232 08 | PHP | | E26D 54 | @@@ |
| E1FB 20 10 08 | JSR 0810 | | E233 1C | @@@ | | E26E 00 | BRK |
| E1FE 7C | @@@ | | E234 08 | PHP | | E26F 00 | BRK |
| E1FF 00 | BRK | | E235 08 | PHP | | E270 00 | BRK |
| E200 10 28 | BPL E22A | | E236 08 | PHP | | E271 1C | @@@ |
| E202 44 | @@@ | | E237 00 | BRK | | E272 24 24 | BIT 24 |
| E203 00 | BRK | | E238 00 | BRK | | E274 24 24 | BIT 24 |
| E204 00 | BRK | | E239 38 | SEC | | E276 00 | BRK |
| E205 00 | BRK | | E23A 24 24 | BIT 24 | | E277 00 | BRK |
| E206 00 | BRK | | E23C 38 | SEC | | E278 00 | BRK |
| E207 00 | BRK | | E23D 20 18 00 | JSR 0018 | | E279 18 | CLC |
| E208 00 | BRK | | E240 04 | @@@ | | E27A 24 24 | BIT 24 |
| E209 18 | CLC | | E241 04 | @@@ | | E27C 24 18 | BIT 18 |
| E20A 20 38 24 | JSR 2438 | | E242 1C | @@@ | | E27E 00 | BRK |

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|---------------|----------|--|---------------|----------|---------------|------------|
| E27F 00 | BRK | | E2B5 10 00 | BPL E2B7 | E2EF 00 | BRK |
| E280 00 | BRK | | E2B7 00 | BRK | E2F0 28 | PLP |
| E281 1C | 000 | | E2B8 00 | BRK | E2F1 38 | SEC |
| E282 24 24 | BIT 24 | | E2B9 44 | 000 | E2F2 04 | 000 |
| E284 1C | 000 | | E2BA 44 | 000 | E2F3 18 | CLC |
| E285 04 | 000 | | E2BB 54 | 000 | E2F4 20 1C 00 | JSR 001C |
| E286 04 | 000 | | E2BC 54 | 000 | E2F7 00 | BRK |
| E287 00 | BRK | | E2BD 28 | PLP | E2F8 38 | SEC |
| E288 00 | BRK | | E2BE 00 | BRK | E2F9 00 | BRK |
| E289 1C | 000 | | E2BF 00 | BRK | E2FA 3C | 000 |
| E28A 12 | 000 | | E2C0 00 | BRK | E2FB 10 08 | BPL E305 |
| E28B 12 | 000 | | E2C1 44 | 000 | E2FD 3C | 000 |
| E28C 1C | 000 | | E2C2 28 | PLP | E2FE 00 | BRK |
| E28D 10 78 | BPL E307 | | E2C3 10 28 | BPL E2ED | E2FF 00 | BRK |
| E28F 00 | BRK | | E2C5 44 | 000 | E300 09 0A | ORA #0A |
| E290 00 | BRK | | E2C6 00 | BRK | E302 0B | 000 |
| E291 34 | 000 | | E2C7 00 | BRK | E303 1F | 000 |
| E292 0C | 000 | | E2C8 00 | BRK | E304 14 | 000 |
| E293 04 | 000 | | E2C9 24 24 | BIT 24 | E305 13 | 000 |
| E294 04 | 000 | | E2CB 24 38 | BIT 38 | E306 12 | 000 |
| E295 04 | 000 | | E2CD 20 18 00 | JSR 0018 | E307 11 36 | ORA (36),Y |
| E296 00 | BRK | | E2D0 00 | BRK | E309 74 | 000 |
| E297 00 | BRK | | E2D1 3C | 000 | E30A 7A | 000 |
| E298 00 | BRK | | E2D2 20 10 08 | JSR 0810 | E30B 72 | 000 |
| E299 38 | SEC | | E2D5 3C | 000 | E30C 37 | 000 |
| E29A 04 | 000 | | E2D6 00 | BRK | E30D 75 69 | ADC 69,X |
| E29B 18 | CLC | | E2D7 00 | BRK | E30F 6F | 000 |
| E29C 20 1C 00 | JSR 001C | | E2D8 38 | SEC | E310 31 77 | AND (77),Y |
| E29F 00 | BRK | | E2D9 00 | BRK | E312 71 65 | ADC (65),Y |
| E2A0 10 38 | BPL E2DA | | E2DA 38 | SEC | E314 6D 6B 6A | ADC 6A6B |
| E2A2 10 10 | BPL E2B4 | | E2DB 04 | 000 | E317 6C 79 73 | JMP (7379) |
| E2A4 10 20 | BPL E2C6 | | E2DC 04 | 000 | E31A 61 64 | ADC (64,X) |
| E2A6 00 | BRK | | E2DD 38 | SEC | E31C 6E 67 68 | ROR 6867 |
| E2A7 00 | BRK | | E2DE 00 | BRK | E31F 66 3A | ROR 3A |
| E2A8 00 | BRK | | E2DF 00 | BRK | E321 7F | 000 |
| E2A9 24 24 | BIT 24 | | E2E0 20 00 38 | JSR 3800 | E322 7C | 000 |
| E2AB 24 24 | BIT 24 | | E2E3 04 | 000 | E323 7B | 000 |
| E2AD 38 | SEC | | E2E4 04 | 000 | E324 3B | 000 |
| E2AE 00 | BRK | | E2E5 38 | SEC | E325 7E 7D 70 | ROR 707D,X |
| E2AF 00 | BRK | | E2E6 00 | BRK | E328 00 | BRK |
| E2B0 00 | BRK | | E2E7 00 | BRK | E329 0D 00 20 | ORA 2000 |
| E2B1 44 | 000 | | E2E8 20 70 20 | JSR 2070 | E32C 34 | 000 |
| E2B2 44 | 000 | | E2EB 38 | SEC | E32D 35 39 | AND 39,X |
| E2B3 44 | 000 | | E2EC 24 38 | BIT 38 | E32F 38 | SEC |
| E2B4 28 | PLP | | E2EE 00 | BRK | E330 33 | 000 |

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|---------------|------------|--|---------------|------------|---------------|----------|
| E331 32 | 000 | | E378 A4 E9 | LDY E9 | E3C5 C6 E9 | DEC E9 |
| E332 2E 2C 63 | ROL 632C | | E37A 20 C1 EE | JSR EEC1 | E3C7 C4 EC | CPY EC |
| E335 78 | SEI | | E37D EA | NOP | E3C9 D0 OD | BNE E3D8 |
| E336 76 62 | ROR 62,X | | E37E EA | NOP | E3CB A4 ED | LDY ED |
| E338 60 | RTS | | E37F EA | NOP | E3CD 84 E9 | STY E9 |
| E339 2F | 000 | | E380 91 E6 | STA (E6),Y | E3CF E4 EA | CPX EA |
| E33A 30 2D | BMI E369 | | E382 A5 E6 | LDA E6 | E3D1 F0 05 | BEQ E3D8 |
| E33C 87 | 000 | | E384 38 | SEC | E3D3 C6 E8 | DEC E8 |
| E33D FC | 000 | | E385 E9 20 | SBC #20 | E3D5 20 9D E3 | JSR E39D |
| E33E 87 | 000 | | E387 85 E6 | STA E6 | E3D8 68 | PLA |
| E33F FA | 000 | | E389 A4 FA | LDY FA | E3D9 A8 | TAY |
| E340 87 | 000 | | E38B 88 | DEY | E3DA 68 | PLA |
| E341 F6 87 | INC 87,X | | E38C 10 E6 | BPL E374 | E3DB AA | TAX |
| E343 EE 87 DE | INC DE87 | | E38E 68 | PLA | E3DC A5 FC | LDA FC |
| E346 87 | 000 | | E38F A8 | TAY | E3DE 60 | RTS |
| E347 BE 87 7E | LDX 7E87,Y | | E390 68 | PLA | E3DF 85 FC | STA FC |
| E34A 86 FE | STX FE | | E391 AA | TAX | E3E1 8A | TXA |
| E34C 85 FE | STA FE | | E392 A5 FC | LDA FC | E3E2 48 | PHA |
| E34E 83 | 000 | | E394 60 | RTS | E3E3 98 | TYA |
| E34F FE 85 FC | INC FC85,X | | E395 A6 EA | LDX EA | E3E4 48 | PHA |
| E352 8A | TXA | | E397 86 E8 | STX E8 | E3E5 A5 FC | LDA FC |
| E353 48 | PHA | | E399 A4 EC | LDY EC | E3E7 A6 E8 | LDX E8 |
| E354 98 | TYA | | E39B 84 E9 | STY E9 | E3E9 A4 E9 | LDY E9 |
| E355 48 | PHA | | E39D A9 E0 | LDA #E0 | E3EB C9 20 | CMP #20 |
| E356 A5 FC | LDA FC | | E39F 85 E6 | STA E6 | E3ED B0 39 | BCS E428 |
| E358 A8 | TAY | | E3A1 A5 E8 | LDA E8 | E3EF 2C 08 02 | BIT 0208 |
| E359 2A | ROL | | E3A3 4C 9E EE | JMP EE9E | E3F2 30 34 | BMI E428 |
| E35A 2A | ROL | | E3A6 EA | NOP | E3F4 C9 05 | CMP #05 |
| E35B 2A | ROL | | E3A7 EA | NOP | E3F6 F0 B2 | BEQ E3AA |
| E35C 2A | ROL | | E3A8 EA | NOP | E3F8 C9 0C | CMP #0C |
| E35D 29 03 | AND #03 | | E3A9 60 | RTS | E3FA F0 B3 | BEQ E3AF |
| E35F AA | TAX | | E3AA A6 EB | LDX EB | E3FC C9 06 | CMP #06 |
| E360 BD 00 02 | LDA 0200,X | | E3AC 18 | CLC | E3FE F0 B4 | BEQ E3B4 |
| E363 D0 05 | BNE E36A | | E3AD 90 05 | BCC E3B4 | E400 C9 08 | CMP #08 |
| E365 BD 04 02 | LDA 0204,X | | E3AF 20 95 E3 | JSR E395 | E402 F0 C1 | BEQ E3C5 |
| E368 F0 24 | BEQ E38E | | E3B2 A4 EC | LDY EC | E404 C9 0B | CMP #0B |
| E36A 85 F1 | STA F1 | | E3B4 20 AD E4 | JSR E4AD | E406 F0 C7 | BEQ E3CF |
| E36C 98 | TYA | | E3B7 C4 ED | CPY ED | E408 C9 09 | CMP #09 |
| E36D 0A | ASL | | E3B9 C8 | INX | E40A F0 1F | BEQ E42B |
| E36E 0A | ASL | | E3BA 90 F8 | BCC E3B4 | E40C C9 0A | CMP #0A |
| E36F 0A | ASL | | E3BC E4 EB | CPX EB | E40E F0 25 | BEQ E435 |
| E370 85 F0 | STA F0 | | E3BE B0 15 | BCS E3D5 | E410 C9 0D | CMP #0D |
| E372 A0 07 | LDY #07 | | E3C0 E8 | INX | E412 F0 6A | BEQ E47E |
| E374 B1 F0 | LDA (F0),Y | | E3C1 E6 E7 | INC E7 | E414 C9 04 | CMP #04 |
| E376 84 FA | STY FA | | E3C3 90 ED | BCC E3B2 | E416 D0 06 | BNE E41E |

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|---------------|------------|---------------|------------|---------------|------------|
| E418 20 95 E3 | JSR E395 | E476 FF | @@@ | E4CC A5 E6 | LDA E6 |
| E41B 4C D8 E3 | JMP E3D8 | E477 FF | @@@ | E4CE 38 | SEC |
| E41E C9 07 | CMP #07 | E478 FF | @@@ | E4CF E9 20 | SBC #20 |
| E420 D0 B6 | BNE E3D8 | E479 FF | @@@ | E4D1 85 E6 | STA E6 |
| E422 20 F4 E4 | JSR E4F4 | E47A FF | @@@ | E4D3 CA | DEX |
| E425 4C D8 E3 | JMP E3D8 | E47B FF | @@@ | E4D4 D0 F0 | BNE E4C6 |
| E428 20 50 E3 | JSR E350 | E47C FF | @@@ | E4D6 A6 FB | LDX FB |
| E42B E6 E9 | INC E9 | E47D FF | @@@ | E4D8 60 | RTS |
| E42D C4 ED | CPY ED | E47E 4C 9F E4 | JMP E49F | E4D9 48 | PHA |
| E42F 90 A7 | BCC E3D8 | E481 F0 1C | BEQ E49F | E4DA 98 | TYA |
| E431 A4 EC | LDY EC | E483 A0 09 | LDY #09 | E4DB A0 BB | LDY #BB |
| E433 84 E9 | STY E9 | E485 88 | DEY | E4DD 88 | DEY |
| E435 E6 E8 | INC E8 | E486 F0 17 | BEQ E49F | E4DE D0 FD | BNE E4DD |
| E437 E4 EB | CPX EB | E488 A2 FF | LDX #FF | E4E0 A8 | TAY |
| E439 90 9A | BCC E3D5 | E48A 20 E3 E4 | JSR E4E3 | E4E1 68 | PLA |
| E43B C6 E8 | DEC E8 | E48D 20 0F E6 | JSR E60F | E4E2 60 | RTS |
| E43D A5 EA | LDA EA | E490 D0 F3 | BNE E485 | E4E3 20 D9 E4 | JSR E4D9 |
| E43F 20 A3 E3 | JSR E3A3 | E492 A4 E9 | LDY E9 | E4E6 CA | DEX |
| E442 A5 E6 | LDA E6 | E494 20 C2 E4 | JSR E4C2 | E4E7 D0 FA | BNE E4E3 |
| E444 18 | CLC | E497 20 0F E6 | JSR E60F | E4E9 60 | RTS |
| E445 90 13 | BCC E45A | E49A F0 FB | BEQ E497 | E4EA 8E 00 88 | STX 8800 |
| E447 E6 E7 | INC E7 | E49C 20 C2 E4 | JSR E4C2 | E4ED 20 D9 E4 | JSR E4D9 |
| E449 A4 EC | LDY EC | E49F A6 E8 | LDX E8 | E4F0 CA | DEX |
| E44B B1 E6 | LDA (E6),Y | E4A1 AD 09 02 | LDA 0209 | E4F1 D0 F7 | BNE E4EA |
| E44D 91 EE | STA (EE),Y | E4A4 D0 8B | BNE E431 | E4F3 60 | RTS |
| E44F C4 ED | CPY ED | E4A6 A4 EC | LDY EC | E4F4 48 | PHA |
| E451 C8 | INY | E4A8 84 E9 | STY E9 | E4F5 8A | TXA |
| E452 90 F7 | BCC E44B | E4AA 4C D8 E3 | JMP E3D8 | E4F6 A2 70 | LDX #70 |
| E454 A5 E6 | LDA E6 | E4AD 86 FB | STX FB | E4F8 20 EA E4 | JSR E4EA |
| E456 E9 20 | SBC #20 | E4AF A2 08 | LDX #08 | E4FB AA | TAX |
| E458 85 E6 | STA E6 | E4B1 A9 00 | LDA #00 | E4FC 68 | PLA |
| E45A 85 EE | STA EE | E4B3 91 E6 | STA (E6),Y | E4FD 60 | RTS |
| E45C B0 EB | BCS E449 | E4B5 A5 E6 | LDA E6 | E4FE FF | @@@ |
| E45E A5 E7 | LDA E7 | E4B7 38 | SEC | E4FF FF | @@@ |
| E460 85 EF | STA EF | E4B8 E9 20 | SBC #20 | E500 8A | TXA |
| E462 38 | SEC | E4BA 85 E6 | STA E6 | E501 48 | PHA |
| E463 E9 60 | SBC #60 | E4BC CA | DEX | E502 98 | TYA |
| E465 C5 EB | CMP EB | E4BD D0 F2 | BNE E4B1 | E503 48 | PHA |
| E467 90 DE | BCC E447 | E4BF A6 FB | LDX FB | E504 20 42 F0 | JSR F042 |
| E469 2C 43 02 | BIT 0243 | E4C1 60 | RTS | E507 8D 42 02 | STA 0242 |
| E46C 10 03 | BPL E471 | E4C2 86 FB | STX FB | E50A 20 42 F0 | JSR F042 |
| E46E 20 4E F0 | JSR F04E | E4C4 A2 08 | LDX #08 | E50D 49 FF | EOR #FF |
| E471 4C B2 E3 | JMP E3B2 | E4C6 B1 E6 | LDA (E6),Y | E50F 91 E6 | STA (E6),Y |
| E474 FF | @@@ | E4C8 49 FF | EOR #FF | E511 A0 00 | LDY #00 |
| E475 FF | @@@ | E4CA 91 E6 | STA (E6),Y | E513 88 | DEY |

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|---------------|------------|---------------|------------|---------------|------------|
| E514 F0 F4 | BEQ E50A | E578 90 2D | BCC E5A7 | E5C2 85 F0 | STA F0 |
| E516 20 B0 E5 | JSR E5B0 | E57A C9 60 | CMP #60 | E5C4 20 F9 E5 | JSR E5F9 |
| E519 90 3E | BCC E559 | E57C B0 0F | BCS E58D | E5C7 90 ED | BCC E5B6 |
| E51B 85 FC | STA FC | E57E 2C 0E 02 | BIT 020E | E5C9 C0 00 | CPY #00 |
| E51D F0 3A | BEQ E559 | E581 10 02 | BPL E585 | E5CB D0 21 | BNE E5EE |
| E51F A2 0A | LDX #0A | E583 EA | NOP | E5CD 0A | ASL |
| E521 20 E3 E4 | JSR E4E3 | E584 EA | NOP | E5CE B0 09 | BCS E5D9 |
| E524 20 B0 E5 | JSR E5B0 | E585 A4 FA | LDY FA | E5D0 C8 | INY |
| E527 90 30 | BCC E559 | E587 30 1E | BMI E5A7 | E5D1 0A | ASL |
| E529 C5 FC | CMP FC | E589 49 10 | EOR #10 | E5D2 B0 05 | BCS E5D9 |
| E52B D0 2C | BNE E559 | E58B D0 1A | BNE E5A7 | E5D4 C8 | INY |
| E52D A4 E9 | LDY E9 | E58D F0 05 | BEQ E594 | E5D5 0A | ASL |
| E52F AD 42 02 | LDA 0242 | E58F 2C 0D 02 | BIT 020D | E5D6 B0 01 | BCS E5D9 |
| E532 91 E6 | STA (E6),Y | E592 10 04 | BPL E598 | E5D8 C8 | INY |
| E534 AD 0C 02 | LDA 020C | E594 A4 FA | LDY FA | E5D9 8A | TXA |
| E537 D0 06 | BNE E53F | E596 30 02 | BMI E59A | E5DA 0A | ASL |
| E539 38 | SEC | E598 49 20 | EOR #20 | E5DB 84 FA | STY FA |
| E53A 6E 0C 02 | ROR 020C | E59A EA | NOP | E5DD 18 | CLC |
| E53D 90 23 | BCC E562 | E59B EA | NOP | E5DE 65 FA | ADC FA |
| E53F 2C 0C 02 | BIT 020C | E59C EA | NOP | E5E0 AA | TAX |
| E542 10 0E | BPL E552 | E59D EA | NOP | E5E1 BD 00 E3 | LDA E300,X |
| E544 A9 40 | LDA #40 | E59E EA | NOP | E5E4 85 FA | STA FA |
| E546 8D 0C 02 | STA 020C | E59F EA | NOP | E5E6 38 | SEC |
| E549 A0 30 | LDY #30 | E5A0 EA | NOP | E5E7 68 | PLA |
| E54B 20 3F F0 | JSR F03F | E5A1 24 FA | BIT FA | E5E8 A8 | TAY |
| E54E 90 09 | BCC E559 | E5A3 70 02 | BVS E5A7 | E5E9 68 | PLA |
| E550 B0 10 | BCS E562 | E5A5 29 1F | AND #1F | E5EA AA | TAX |
| E552 A0 08 | LDY #08 | E5A7 85 FC | STA FC | E5EB A5 FA | LDA FA |
| E554 20 3F F0 | JSR F03F | E5A9 68 | PLA | E5ED 60 | RTS |
| E557 B0 09 | BCS E562 | E5AA A8 | TAY | E5EE 29 10 | AND #10 |
| E559 A9 00 | LDA #00 | E5AB 68 | PLA | E5F0 D0 01 | BNE E5F3 |
| E55B 8D 0C 02 | STA 020C | E5AC AA | TAX | E5F2 88 | DEY |
| E55E 4C 13 E5 | JMP E513 | E5AD A5 FC | LDA FC | E5F3 8A | TXA |
| E561 EA | NOP | E5AF 60 | RTS | E5F4 18 | CLC |
| E562 AD FB 87 | LDA 87FB | E5B0 8A | TXA | E5F5 69 28 | ADC #28 |
| E565 29 20 | AND #20 | E5B1 48 | PHA | E5F7 D0 E2 | BNE E5DB |
| E567 0A | ASL | E5B2 98 | TYA | E5F9 38 | SEC |
| E568 85 FA | STA FA | E5B3 48 | PHA | E5FA A0 00 | LDY #00 |
| E56A AD FD 87 | LDA 87FD | E5B4 A2 14 | LDX #14 | E5FC B1 F0 | LDA (F0),Y |
| E56D 29 20 | AND #20 | E5B6 CA | DEX | E5FE 09 0F | ORA #0F |
| E56F 05 FA | ORA FA | E5B7 CA | DEX | E600 49 FF | EOR #FF |
| E571 0A | ASL | E5B8 30 2D | BMI E5E7 | E602 D0 0A | BNE E60E |
| E572 85 FA | STA FA | E5BA BD 3C E3 | LDA E33C,X | E604 C8 | INY |
| E574 A5 FC | LDA FC | E5BD 85 F1 | STA F1 | E605 B1 F0 | LDA (F0),Y |
| E576 C9 21 | CMP #21 | E5BF BD 3D E3 | LDA E33D,X | E607 09 CF | ORA #CF |

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|---------------|------------|---------------|------------|---------------|------------|
| E609 49 FF | EOR #FF | E65D 20 EE FF | JSR FFEE | E6A3 E2 | @@@ |
| E60B D0 01 | BNE E60E | E660 9D 80 02 | STA 0280,X | E6A4 00 | BRK |
| E60D 18 | CLC | E663 C9 0D | CMP #0D | E6A5 00 | BRK |
| E60E 60 | RTS | E665 F0 1B | BEQ E682 | E6A6 00 | BRK |
| E60F AD 00 80 | LDA 8000 | E667 C9 08 | CMP #08 | E6A7 00 | BRK |
| E612 09 0F | ORA #0F | E669 F0 EE | BEQ E659 | E6A8 FF | @@@ |
| E614 49 FF | EOR #FF | E66B C9 18 | CMP #18 | E6A9 00 | BRK |
| E616 D0 07 | BNE E61F | E66D F0 0D | BEQ E67C | E6AA 00 | BRK |
| E618 AD 01 80 | LDA 8001 | E66F C9 20 | CMP #20 | E6AB 00 | BRK |
| E61B 09 CF | ORA #CF | E671 90 EA | BCC E65D | E6AC 00 | BRK |
| E61D 49 FF | EOR #FF | E673 E8 | INX | E6AD FF | @@@ |
| E61F 60 | RTS | E674 10 E7 | BPL E65D | E6AE FD 53 FF | SBC FF53,X |
| E620 4C 2D F0 | JMP F02D | E676 20 F4 E4 | JSR E4F4 | E6B1 FF | @@@ |
| E623 C9 57 | CMP #57 | E679 38 | SEC | E6B2 1C | @@@ |
| E625 D0 03 | BNE E62A | E67A B0 E0 | BCS E65C | E6B3 E7 | @@@ |
| E627 4C 03 C0 | JMP C003 | E67C A9 0D | LDA #0D | E6B4 62 | @@@ |
| E62A C9 43 | CMP #43 | E67E A2 00 | LDX #00 | E6B5 E7 | @@@ |
| E62C D0 03 | BNE E631 | E680 F0 DE | BEQ E660 | E6B6 FF | @@@ |
| E62E 4C 00 C0 | JMP C000 | E682 60 | RTS | E6B7 FF | @@@ |
| E631 60 | RTS | E683 FF | @@@ | E6B8 FF | @@@ |
| E632 E8 | INX | E684 0D 0A 00 | ORA 000A | E6B9 FF | @@@ |
| E633 BD 80 02 | LDA 0280,X | E687 00 | BRK | E6BA FF | @@@ |
| E636 C9 20 | CMP #20 | E688 00 | BRK | E6BB FF | @@@ |
| E638 F0 F8 | BEQ E632 | E689 00 | BRK | E6BC FF | @@@ |
| E63A 60 | RTS | E68A 2A | ROL | E6BD FF | @@@ |
| E63B 85 F3 | STA F3 | E68B 04 | @@@ | E6BE FF | @@@ |
| E63D 84 F2 | STY F2 | E68C E0 2F | CPX #2F | E6BF FF | @@@ |
| E63F 98 | TYA | E68E 00 | BRK | E6C0 FF | @@@ |
| E640 48 | PHA | E68F 00 | BRK | E6C1 FF | @@@ |
| E641 A0 00 | LDY #00 | E690 00 | BRK | E6C2 FF | @@@ |
| E643 B1 F2 | LDA (F2),Y | E691 00 | BRK | E6C3 FF | @@@ |
| E645 C9 04 | CMP #04 | E692 E0 60 | CPX #60 | E6C4 FF | @@@ |
| E647 F0 0B | BEQ E654 | E694 00 | BRK | E6C5 FF | @@@ |
| E649 20 F1 FF | JSR FFF1 | E695 00 | BRK | E6C6 FF | @@@ |
| E64C E6 F2 | INC F2 | E696 00 | BRK | E6C7 FF | @@@ |
| E64E D0 F3 | BNE E643 | E697 1F | @@@ | E6C8 20 E6 FD | JSR FDE6 |
| E650 E6 F3 | INC F3 | E698 00 | BRK | E6CB E8 | INX |
| E652 D0 EF | BNE E643 | E699 1F | @@@ | E6CC 06 E9 | ASL E9 |
| E654 68 | PLA | E69A E0 20 | CPX #20 | E6CE 0E E9 D0 | ASL D0E9 |
| E655 A8 | TAY | E69C 00 | BRK | E6D1 EA | NOP |
| E656 60 | RTS | E69D 00 | BRK | E6D2 09 EB | ORA #EB |
| E657 A2 00 | LDX #00 | E69E 00 | BRK | E6D4 48 | PHA |
| E659 8A | TXA | E69F 00 | BRK | E6D5 EB | @@@ |
| E65A F0 01 | BEQ E65D | E6A0 00 | BRK | E6D6 6A | ROR |
| E65C CA | DEX | E6A1 E0 E1 | CPX #E1 | E6D7 EB | @@@ |

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|---------------|-----|--------|---------------|-----|--------|---------------|-----|--------|
| E6D8 AB | 000 | | E70B 23 | 000 | | E75E 10 FB | BPL | E75B |
| E6D9 EB | 000 | | E70C FF | 000 | | E760 30 0A | BMI | E76C |
| E6DA 80 | 000 | | E70D FF | 000 | | E762 20 DF E3 | JSR | E3DF |
| E6DB EC D0 EE | CPX | EED0 | E70E FF | 000 | | E765 2C 10 02 | BIT | 0210 |
| E6DE 57 | 000 | | E70F FF | 000 | | E768 10 EE | BPL | E758 |
| E6DF EF | 000 | | E710 FF | 000 | | E76A 30 ED | BMI | E759 |
| E6E0 FF | 000 | | E711 FF | 000 | | E76C 48 | PHA | |
| E6E1 FF | 000 | | E712 FF | 000 | | E76D 98 | TYA | |
| E6E2 FF | 000 | | E713 FF | 000 | | E76E 48 | PHA | |
| E6E3 FF | 000 | | E714 FF | 000 | | E76F BA | TSX | |
| E6E4 FF | 000 | | E715 FF | 000 | | E770 BD 03 01 | LDA | 0103,X |
| E6E5 FF | 000 | | E716 FF | 000 | | E773 A2 09 | LDX | #09 |
| E6E6 FF | 000 | | E717 FF | 000 | | E775 18 | CLC | |
| E6E7 FF | 000 | | E718 FF | 000 | | E776 2A | ROL | |
| E6E8 FF | 000 | | E719 FF | 000 | | E777 6A | ROR | |
| E6E9 FF | 000 | | E71A FF | 000 | | E778 B0 05 | BCS | E77F |
| E6EA FF | 000 | | E71B FF | 000 | | E77A 8D 00 98 | STA | 9800 |
| E6EB FF | 000 | | E71C 20 00 E5 | JSR | E500 | E77D 90 07 | BCC | E786 |
| E6EC FF | 000 | | E71F C9 11 | CMP | #11 | E77F 29 FF | AND | #FF |
| E6ED FF | 000 | | E721 D0 0B | BNE | E72E | E781 30 03 | BMI | E786 |
| E6EE FF | 000 | | E723 AD 0D 02 | LDA | 020D | E783 8D 00 90 | STA | 9000 |
| E6EF FF | 000 | | E726 49 FF | EOR | #FF | E786 AC 13 02 | LDY | 0213 |
| E6F0 FF | 000 | | E728 8D 0D 02 | STA | 020D | E789 20 B8 E7 | JSR | E7B8 |
| E6F1 FF | 000 | | E72B 6C 16 02 | JMP | (0216) | E78C CA | DEX | |
| E6F2 FF | 000 | | E72E C9 12 | CMP | #12 | E78D 30 06 | BMI | E795 |
| E6F3 FF | 000 | | E730 D0 0B | BNE | E73D | E78F D0 E6 | BNE | E777 |
| E6F4 FF | 000 | | E732 AD 10 02 | LDA | 0210 | E791 09 01 | ORA | #01 |
| E6F5 FF | 000 | | E735 49 FF | EOR | #FF | E793 D0 E2 | BNE | E777 |
| E6F6 FF | 000 | | E737 8D 10 02 | STA | 0210 | E795 68 | PLA | |
| E6F7 FF | 000 | | E73A 6C 16 02 | JMP | (0216) | E796 A8 | TAY | |
| E6F8 FF | 000 | | E73D C9 13 | CMP | #13 | E797 68 | PLA | |
| E6F9 FF | 000 | | E73F D0 0B | BNE | E74C | E798 AA | TAX | |
| E6FA FF | 000 | | E741 AD 0E 02 | LDA | 020E | E799 68 | PLA | |
| E6FB FF | 000 | | E744 49 FF | EOR | #FF | E79A 60 | RTS | |
| E6FC FF | 000 | | E746 8D 0E 02 | STA | 020E | E79B FF | 000 | |
| E6FD FF | 000 | | E749 6C 16 02 | JMP | (0216) | E79C FF | 000 | |
| E6FE FF | 000 | | E74C 4C 45 F0 | JMP | F045 | E79D FF | 000 | |
| E6FF FF | 000 | | E74F EA | NOP | | E79E FF | 000 | |
| E700 42 | 000 | | E750 2C 0F 02 | BIT | 020F | E79F A0 00 | LDY | #00 |
| E701 4A | LSR | | E753 30 03 | BMI | E758 | E7A1 8C 00 98 | STY | 9800 |
| E702 55 45 | EOR | 45,X | E755 20 F1 FF | JSR | FFF1 | E7A4 8C 00 90 | STY | 9000 |
| E704 43 | 000 | | E758 60 | RTS | | E7A7 2C FF 87 | BIT | 87FF |
| E705 51 46 | EOR | (46),Y | E759 48 | PHA | | E7AA 10 03 | BPL | E7AF |
| E707 4D 41 58 | EOR | 5841 | E75A 8A | TXA | | E7AC C8 | INY | |
| E70A 48 | PHA | | E75B 2C 00 80 | BIT | 8000 | E7AD D0 F8 | BNE | E7A7 |

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|---------------|----------|---------------|------------|---------------|----------|
| E7AF 88 | DEY | E7EA D0 FA | BNE E7E6 | E845 60 | RTS |
| E7B0 84 F4 | STY F4 | E7EC 60 | RTS | E846 20 24 E8 | JSR E824 |
| E7B2 60 | RTS | E7ED C9 0A | CMP #0A | E849 B0 0F | BCS E85A |
| E7B3 AE 2A 0A | LDX 0A2A | E7EF 90 02 | BCC E7F3 | E84B 0A | ASL |
| E7B6 04 | QQQ | E7F1 69 06 | ADC #06 | E84C 0A | ASL |
| E7B7 EA | NOP | E7F3 69 30 | ADC #30 | E84D 0A | ASL |
| E7B8 EA | NOP | E7F5 60 | RTS | E84E 0A | ASL |
| E7B9 EA | NOP | E7F6 A9 0D | LDA #0D | E84F 85 FC | STA FC |
| E7BA EA | NOP | E7F8 20 F1 FF | JSR FFF1 | E851 20 27 E8 | JSR E827 |
| E7BB EA | NOP | E7FB A9 0A | LDA #0A | E854 B0 04 | BCS E85A |
| E7BC EA | NOP | E7FD 4C F1 FF | JMP FFF1 | E856 05 FC | ORA FC |
| E7BD EA | NOP | E800 20 DC E7 | JSR E7DC | E858 85 FC | STA FC |
| E7BE 88 | DEY | E803 48 | PHA | E85A 60 | RTS |
| E7BF D0 F6 | BNE E7B7 | E804 4A | LSR | E85B 20 46 E8 | JSR E846 |
| E7C1 60 | RTS | E805 4A | LSR | E85E B0 07 | BCS E867 |
| E7C2 FF | QQQ | E806 4A | LSR | E860 85 F7 | STA F7 |
| E7C3 48 | PHA | E807 4A | LSR | E862 20 40 E8 | JSR E840 |
| E7C4 10 05 | BPL E7CB | E808 20 ED E7 | JSR E7ED | E865 85 F6 | STA F6 |
| E7C6 38 | SEC | E80B 20 F1 FF | JSR FFF1 | E867 60 | RTS |
| E7C7 90 02 | BCC E7CB | E80E 68 | PLA | E868 20 7D E8 | JSR E87D |
| E7C9 49 80 | EOR #80 | E80F 29 0F | AND #0F | E86B B0 1D | BCS E88A |
| E7CB 0A | ASL | E811 20 ED E7 | JSR E7ED | E86D 20 92 E8 | JSR E892 |
| E7CC D0 F9 | BNE E7C7 | E814 4C F1 FF | JMP FFF1 | E870 B0 18 | BCS E88A |
| E7CE 68 | PLA | E817 20 DC E7 | JSR E7DC | E872 4C 5B E8 | JMP E85B |
| E7CF 60 | RTS | E81A A5 FF | LDA FF | E875 20 7D E8 | JSR E87D |
| E7D0 FF | QQQ | E81C 20 03 E8 | JSR E803 | E878 B0 10 | BCS E88A |
| E7D1 FF | QQQ | E81F A5 FE | LDA FE | E87A 4C 5B E8 | JMP E85B |
| E7D2 FF | QQQ | E821 4C 03 E8 | JMP E803 | E87D 20 5B E8 | JSR E85B |
| E7D3 FF | QQQ | E824 20 33 E6 | JSR E633 | E880 B0 08 | BCS E88A |
| E7D4 FF | QQQ | E827 BD 80 02 | LDA 0280,X | E882 A5 F6 | LDA F6 |
| E7D5 FF | QQQ | E82A E8 | INX | E884 85 FE | STA FE |
| E7D6 FF | QQQ | E82B C9 30 | CMP #30 | E886 A5 F7 | LDA F7 |
| E7D7 FF | QQQ | E82D 90 0F | BCC E83E | E888 85 FF | STA FF |
| E7D8 FF | QQQ | E82F E9 30 | SBC #30 | E88A 60 | RTS |
| E7D9 FF | QQQ | E831 C9 0A | CMP #0A | E88B E6 FE | INC FE |
| E7DA FF | QQQ | E833 90 0A | BCC E83F | E88D D0 02 | BNE E891 |
| E7DB FF | QQQ | E835 C9 11 | CMP #11 | E88F E6 FF | INC FF |
| E7DC 48 | PHA | E837 90 05 | BCC E83E | E891 60 | RTS |
| E7DD A9 20 | LDA #20 | E839 E9 07 | SBC #07 | E892 20 5B E8 | JSR E85B |
| E7DF 20 F1 FF | JSR FFF1 | E83B C9 10 | CMP #10 | E895 B0 08 | BCS E89F |
| E7E2 68 | PLA | E83D 60 | RTS | E897 A5 F6 | LDA F6 |
| E7E3 60 | RTS | E83E 38 | SEC | E899 85 F4 | STA F4 |
| E7E4 A2 03 | LDX #03 | E83F 60 | RTS | E89B A5 F7 | LDA F7 |
| E7E6 20 DC E7 | JSR E7DC | E840 20 27 E8 | JSR E827 | E89D 85 F5 | STA F5 |
| E7E9 CA | DEX | E843 90 06 | BCC E84B | E89F 60 | RTS |

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|------------|----------|---------------|------------|------------------|------------|
| E8A0 E6 F4 | INC F4 | E8EE E9 00 | SBC #00 | E94A 90 08 | BCC E954 |
| E8A2 D0 02 | BNE E8A6 | E8F0 85 FF | STA FF | E94C B0 88 | BCS E8D6 |
| E8A4 E6 F5 | INC F5 | E8F2 60 | RTS | E94E F0 48 | BEQ E998 |
| E8A6 60 | RTS | E8F3 38 | SEC | E950 2C 24 C8 | BIT C824 |
| E8A7 18 | CLC | E8F4 A5 FE | LDA FE | E953 30 C8 | BMI E91D |
| E8A8 A5 FE | LDA FE | E8F6 E5 F6 | SBC F6 | E955 D0 28 | BNE E97F |
| E8AA 65 F6 | ADC F6 | E8F8 A5 FF | LDA FF | E957 10 28 | BPL E981 |
| E8AC 85 FE | STA FE | E8FA E5 F7 | SBC F7 | E959 00 | BRK |
| E8AE A5 FF | LDA FF | E8FC 60 | RTS | E95A A8 | TAY |
| E8B0 65 F7 | ADC F7 | E8FD 20 5B E8 | JSR E85B | E95B 50 A8 | BVC E905 |
| E8B2 85 FF | STA FF | E900 B0 2C | BCS E92E | E95D 70 D8 | BVS E937 |
| E8B4 60 | RTS | E902 68 | PLA | E95F 18 | CLC |
| E8B5 38 | SEC | E903 68 | PLA | E960 D8 | CLD |
| E8B6 A5 FE | LDA FE | E904 90 05 | BCC E90B | E961 D8 | CLD |
| E8B8 E5 F4 | SBC F4 | E906 20 5B E8 | JSR E85B | E962 D8 | CLD |
| E8BA 85 FE | STA FE | E909 B0 23 | BCS E92E | E963 58 | CLI |
| E8BC A5 FF | LDA FF | E90B 6C F6 00 | JMP (00F6) | E964 D8 | CLD |
| E8BE E5 F5 | SBC F5 | E90E 20 75 E8 | JSR E875 | E965 B8 | CLV |
| E8C0 85 FF | STA FF | E911 B0 1B | BCS E92E | E966 D8 | CLD |
| E8C2 60 | RTS | E913 A0 00 | LDY #00 | E967 CD C5 C9 | CMP C9C5 |
| E8C3 38 | SEC | E915 20 F6 E7 | JSR E7F6 | E96A DD D9 C1 | CMP C1D9,X |
| E8C4 A5 F6 | LDA F6 | E918 20 17 E8 | JSR E817 | E96D D1 D5 | CMP (D5),Y |
| E8C6 E5 F4 | SBC F4 | E91B A2 09 | LDX #09 | E96F 38 | SEC |
| E8C8 A5 F7 | LDA F7 | E91D CA | DEX | E970 EC E4 E0 | CPX E0E4 |
| E8CA E5 F5 | SBC F5 | E91E F0 F5 | BEQ E915 | E973 38 | SEC |
| E8CC 60 | RTS | E920 B1 FE | LDA (FE),Y | E974 CC C4 C0 | CPY C0C4 |
| E8CD 38 | SEC | E922 20 00 E8 | JSR E800 | E977 84 CE | STY CE |
| E8CE A5 FE | LDA FE | E925 20 F3 E8 | JSR E8F3 | E979 C6 DE | DEC DE |
| E8D0 E5 F4 | SBC F4 | E928 20 8B E8 | JSR E88B | E97B D6 84 | DEC 84,X |
| E8D2 A5 FF | LDA FF | E92B 90 F0 | BCC E91D | E97D CA | DEX |
| E8D4 E5 F5 | SBC F5 | E92D 18 | CLC | E97E 84 88 | STY 88 |
| E8D6 60 | RTS | E92E 60 | RTS | E980 D4 4D 45 49 | @@@ |
| E8D7 18 | CLC | E92F FF | @@@ | E981 4D 45 49 | EOR 4945 |
| E8D8 A5 F6 | LDA F6 | E930 00 | BRK | E984 5D 59 41 | EOR 4159,X |
| E8DA E9 00 | SBC #00 | E931 90 6D | BCC E9A0 | E987 51 55 | EOR (55),Y |
| E8DC 85 F6 | STA F6 | E933 65 69 | ADC 69 | E989 D2 EE | @@@ |
| E8DE A5 F7 | LDA F7 | E935 7D 79 61 | ADC 6179,X | E98A EE E6 FE | INC FEE6 |
| E8E0 E9 00 | SBC #00 | E938 71 75 | ADC (75),Y | E98D F6 D2 | INC D2,X |
| E8E2 85 F7 | STA F7 | E93A D0 2D | BNE E969 | E98F E8 | INX |
| E8E4 60 | RTS | E93C 25 29 | AND 29 | E990 D2 C8 | @@@ |
| E8E5 18 | CLC | E93E 3D 39 21 | AND 2139,X | E991 C8 | INY |
| E8E6 A5 FE | LDA FE | E941 31 35 | AND (35),Y | E992 CA | DEX |
| E8E8 E9 00 | SBC #00 | E943 30 0A | BMI E94F | E993 4C 6C 2A | JMP 2A6C |
| E8EA 85 FE | STA FE | E945 0E 06 1E | ASL 1E06 | E996 20 86 AD | JSR AD86 |
| E8EC A5 FF | LDA FF | E948 16 08 | ASL 08,X | E999 A5 A9 | LDA A9 |

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|---------------|------------|------------|------------|---------------|------------|
| E99B BD B9 A1 | LDA A1B9,X | E9FE 65 98 | ADC 98 | EA43 4C 82 81 | JMP 8182 |
| E99E B1 B5 | LDA (B5),Y | EA00 00 | BRK | EA46 C1 62 | CMP (62,X) |
| E9A0 86 AE | STX AE | EA01 60 | RTS | EA48 82 | @@@ |
| E9A2 A6 A2 | LDX A2 | EA02 82 | @@@ | EA49 81 8A | STA (8A,X) |
| E9A4 BE B6 86 | LDX 86B6,Y | EA03 81 C1 | STA (C1,X) | EA4B 89 | @@@ |
| E9A7 AC A4 A0 | LDY A0A4 | EA05 8A | TXA | EA4C 0E 80 4E | ASL 4E80 |
| E9AA BC B4 26 | LDY 26B4,X | EA06 86 99 | STX 99 | EA4F 80 | @@@ |
| E9AD 4A | LSR | EA08 95 89 | STA 89,X | EA50 27 | @@@ |
| E9AE 4E 46 5E | LSR 5E46 | EA0A 11 82 | ORA (82),Y | EA51 82 | @@@ |
| E9B1 56 CE | LSR CE,X | EA0C 81 C1 | STA (C1,X) | EA52 81 C1 | STA (C1,X) |
| E9B3 EA | NOP | EA0E 8A | TXA | EA54 8A | TXA |
| E9B4 3E 0D 05 | ROL 050D,X | EA0F 86 99 | STX 99 | EA55 86 99 | STX 99 |
| E9B7 09 1D | ORA #1D | EA11 95 89 | STA 89,X | EA57 95 89 | STA 89,X |
| E9B9 19 01 11 | ORA 1101,Y | EA13 1B | @@@ | EA59 61 82 | ADC (82,X) |
| E9BC 15 41 | ORA 41,X | EA14 80 | @@@ | EA5B 81 8A | STA (8A,X) |
| E9BE 48 | PHA | EA15 82 | @@@ | EA5D 89 | @@@ |
| E9BF 41 08 | EOR (08,X) | EA16 81 8A | STA (8A,X) | EA5E 0D 80 4D | ORA 4D80 |
| E9C1 C1 68 | CMP (68,X) | EA18 89 | @@@ | EA61 80 | @@@ |
| E9C3 C1 28 | CMP (28,X) | EA19 63 | @@@ | EA62 06 82 | ASL 82 |
| E9C5 C9 2A | CMP #2A | EA1A A1 67 | LDA (67,X) | EA64 92 | @@@ |
| E9C7 2E 26 3E | ROL 3E26 | EA1C A1 46 | LDA (46,X) | EA65 27 | @@@ |
| E9CA 36 C9 | ROL C9,X | EA1E A1 16 | LDA (16,X) | EA66 82 | @@@ |
| E9CC 6A | ROR | EA20 82 | @@@ | EA67 40 | RTI |
| E9CD 6E 66 7E | ROR 7E66 | EA21 81 4A | STA (4A,X) | EA68 82 | @@@ |
| E9D0 76 A9 | ROR A9,X | EA23 A1 51 | LDA (51,X) | EA69 81 C1 | STA (C1,X) |
| E9D2 40 | RTI | EA25 A1 18 | LDA (18,X) | EA6B 8A | TXA |
| E9D3 A9 60 | LDA #60 | EA27 A1 69 | LDA (69,X) | EA6C 86 99 | STX 99 |
| E9D5 19 ED E5 | ORA E5ED,Y | EA29 80 | @@@ | EA6E 95 89 | STA 89,X |
| E9D8 E9 FD | SBC #FD | EA2A 61 A1 | ADC (A1,X) | EA70 0C | @@@ |
| E9DA F9 E1 F1 | SBC F1E1,Y | EA2C 65 A1 | ADC A1 | EA71 82 | @@@ |
| E9DD F5 99 | SBC 99,X | EA2E 60 | RTS | EA72 81 C1 | STA (C1,X) |
| E9DF 38 | SEC | EA2F 80 | @@@ | EA74 86 85 | STX 85 |
| E9E0 99 F8 99 | STA 99F8,Y | EA30 10 80 | BPL E9B2 | EA76 4C 82 81 | JMP 8182 |
| E9E3 78 | SEI | EA32 48 | PHA | EA79 C1 8A | CMP (8A,X) |
| E9E4 B9 8D 85 | LDA 858D,Y | EA33 80 | @@@ | EA7B 89 | @@@ |
| E9E7 9D 99 81 | STA 8199,X | EA34 34 | @@@ | EA7C 27 | @@@ |
| E9EA 91 95 | STA (95),Y | EA35 80 | @@@ | EA7D 80 | @@@ |
| E9EC B9 8E 86 | LDA 868E,Y | EA36 06 82 | ASL 82 | EA7E 82 | @@@ |
| E9EF 96 B9 | STX B9,Y | EA38 81 C1 | STA (C1,X) | EA7F 81 8A | STA (8A,X) |
| E9F1 8C 84 94 | STY 9484 | EA3A 8A | TXA | EA81 89 | @@@ |
| E9F4 05 AA | ORA AA | EA3B 86 99 | STX 99 | EA82 07 | @@@ |
| E9F6 05 A8 | ORA A8 | EA3D 95 89 | STA 89,X | EA83 80 | @@@ |
| E9F8 25 BA | AND BA | EA3F 0C | @@@ | EA84 41 82 | EOR (82,X) |
| E9FA 65 8A | ADC 8A | EA40 82 | @@@ | EA86 81 C1 | STA (C1,X) |
| E9FC 65 9A | ADC 9A | EA41 81 C1 | STA (C1,X) | EA88 8A | TXA |

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|---------------|------------|---------------|------------|---------------|------------|
| EA89 86 99 | STX 99 | EAC4 0E 80 4E | ASL 4E80 | EB1D 20 A7 E8 | JSR E8A7 |
| EA8B 95 89 | STA 89,X | EAC7 80 | @@@ | EB20 B0 11 | BCS EB33 |
| EA8D 40 | RTI | EAC8 0F | @@@ | EB22 B1 F6 | LDA (F6),Y |
| EA8E 80 | @@@ | EAC9 80 | @@@ | EB24 91 FE | STA (FE),Y |
| EA8F 04 | @@@ | EACA 40 | RTI | EB26 20 D7 E8 | JSR E8D7 |
| EA90 80 | @@@ | EACB 80 | @@@ | EB29 90 08 | BCC EB33 |
| EA91 40 | RTI | EACC 64 | @@@ | EB2B 20 E5 E8 | JSR E8E5 |
| EA92 80 | @@@ | EACD 80 | @@@ | EB2E 20 C3 E8 | JSR E8C3 |
| EA93 04 | @@@ | EACE 42 | @@@ | EB31 B0 EF | BCS EB22 |
| EA94 80 | @@@ | EACF 80 | @@@ | EB33 60 | RTS |
| EA95 1B | @@@ | EAD0 20 75 E8 | JSR E875 | EB34 B1 F4 | LDA (F4),Y |
| EA96 80 | @@@ | EAD3 B0 33 | BCS EB08 | EB36 91 FE | STA (FE),Y |
| EA97 82 | @@@ | EAD5 A2 00 | LDX #00 | EB38 20 A0 E8 | JSR E8A0 |
| EA98 81 8A | STA (8A,X) | EAD7 86 F4 | STX F4 | EB3B F0 F6 | BEQ EB33 |
| EA9A 89 | @@@ | EAD9 86 F5 | STX F5 | EB3D 20 8B E8 | JSR E88B |
| EA9B 27 | @@@ | EADB A0 00 | LDY #00 | EB40 20 C3 E8 | JSR E8C3 |
| EA9C 80 | @@@ | EADD 8A | TXA | EB43 B0 EF | BCS EB34 |
| EA9D 82 | @@@ | EADE 71 FE | ADC (FE),Y | EB45 60 | RTS |
| EA9E 81 8A | STA (8A,X) | EAE0 AA | TAX | EB46 38 | SEC |
| EAA0 89 | @@@ | EAE1 90 06 | BCC EAE9 | EB47 60 | RTS |
| EAA1 48 | PHA | EAE3 E6 F4 | INC F4 | EB48 20 75 E8 | JSR E875 |
| EAA2 80 | @@@ | EAE5 D0 02 | BNE EAE9 | EB4B B0 1C | BCS EB69 |
| EAA3 64 | @@@ | EAE7 E6 F5 | INC F5 | EB4D A0 00 | LDY #00 |
| EAA4 80 | @@@ | EAE9 20 F3 E8 | JSR E8F3 | EB4F 20 46 E8 | JSR E846 |
| EAA5 61 82 | ADC (82,X) | EAEC 20 8B E8 | JSR E88B | EB52 90 09 | BCC EB5D |
| EAA7 81 C1 | STA (C1,X) | EAEF 90 EC | BCC EADD | EB54 C9 27 | CMP #27 |
| EAA9 8A | TXA | EAF1 20 F6 E7 | JSR E7F6 | EB56 D0 EE | BNE EB46 |
| EAAA 86 99 | STX 99 | EAF4 A9 3D | LDA #3D | EB58 BD 80 02 | LDA 0280,X |
| EAAE 95 89 | STA 89,X | EAF6 20 F1 FF | JSR FFF1 | EB5B AA | TAX |
| EAAE 62 | @@@ | EAF9 A5 F5 | LDA F5 | EB5C 8A | TXA |
| EAAF 80 | @@@ | EAFB 20 00 E8 | JSR E800 | EB5D 91 FE | STA (FE),Y |
| EAB0 12 | @@@ | EAFE A5 F4 | LDA F4 | EB5F AA | TAX |
| EAB1 80 | @@@ | EB00 20 00 E8 | JSR E800 | EB60 20 F3 E8 | JSR E8F3 |
| EAB2 4A | LSR | EB03 8A | TXA | EB63 20 8B E8 | JSR E88B |
| EAB3 80 | @@@ | EB04 20 00 E8 | JSR E800 | EB66 90 F4 | BCC EB5C |
| EAB4 40 | RTI | EB07 18 | CLC | EB68 18 | CLC |
| EAB5 82 | @@@ | EB08 60 | RTS | EB69 60 | RTS |
| EAB6 81 8A | STA (8A,X) | EB09 20 68 E8 | JSR E868 | EB6A 20 7D E8 | JSR E87D |
| EAB8 86 99 | STX 99 | EB0C B0 25 | BCS EB33 | EB6D A0 00 | LDY #00 |
| EABA 95 89 | STA 89,X | EB0E 20 C3 E8 | JSR E8C3 | EB6F F0 0D | BEQ EB7E |
| EABC 0C | @@@ | EB11 90 33 | BCC EB46 | EB71 BD 80 02 | LDA 0280,X |
| EABD 82 | @@@ | EB13 A0 00 | LDY #00 | EB74 91 FE | STA (FE),Y |
| EABE 81 85 | STA (85,X) | EB15 20 CD E8 | JSR E8CD | EB76 D1 FE | CMP (FE),Y |
| EAC0 4C 82 81 | JMP 8182 | EB18 90 1A | BCC EB34 | EB78 38 | SEC |
| EAC3 89 | @@@ | EB1A 20 B5 E8 | JSR E8B5 | EB79 D0 2F | BNE EBAA |

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| EB7B 20 8B E8 | JSR E88B | EBD9 30 EB | BMI EBC6 | EC36 BD 00 EA | LDA EA00,X |
| EB7E 20 F6 E7 | JSR E7F6 | EBDB F0 F2 | BEQ EBCF | EC39 30 F8 | BMI EC33 |
| EB81 20 17 E8 | JSR E817 | EBDD 20 33 E6 | JSR E633 | EC3B C5 F5 | CMP F5 |
| EB84 B1 FE | LDA (FE),Y | EBE0 A9 80 | LDA #80 | EC3D D0 F4 | BNE EC33 |
| EB86 20 00 E8 | JSR E800 | EBE2 D0 02 | BNE EBE6 | EC3F BD 30 E9 | LDA E930,X |
| EB89 20 DC E7 | JSR E7DC | EBE4 05 F8 | ORA F8 | EC42 C5 F4 | CMP F4 |
| EB8C 20 57 E6 | JSR E657 | EBE6 85 F8 | STA F8 | EC44 D0 ED | BNE EC33 |
| EB8F A2 00 | LDX #00 | EBE8 20 40 E8 | JSR E840 | EC46 E8 | INX |
| EB91 20 46 E8 | JSR E846 | EBEB 90 18 | BCC EC05 | EC47 BD 00 EA | LDA EA00,X |
| EB94 90 DE | BCC EB74 | EBED C9 23 | CMP #23 | EC4A 10 2D | BPL EC79 |
| EB96 C9 0D | CMP #0D | EBEF D0 04 | BNE EBF5 | EC4C C5 F8 | CMP F8 |
| EB98 F0 E1 | BEQ EB7B | EBF1 A9 40 | LDA #40 | EC4E F0 10 | BEQ EC60 |
| EB9A C9 27 | CMP #27 | EBF3 D0 EF | BNE EBE4 | EC50 29 20 | AND #20 |
| EB9C F0 D3 | BEQ EB71 | EBF5 C9 28 | CMP #28 | EC52 F0 F2 | BEQ EC46 |
| EB9E C9 2D | CMP #2D | EBF7 D0 04 | BNE EBFD | EC54 A5 E5 | LDA E5 |
| EBA0 18 | CLC | EBF9 A9 10 | LDA #10 | EC56 38 | SEC |
| EBA1 D0 07 | BNE EBAA | EBFB D0 E7 | BNE EBE4 | EC57 E9 02 | SBC #02 |
| EBA3 20 E5 E8 | JSR E8E5 | EBFD C9 27 | CMP #27 | EC59 38 | SEC |
| EBA6 18 | CLC | EBFF D0 30 | BNE EC31 | EC5A E5 FE | SBC FE |
| EBA7 90 D5 | BCC EB7E | EC01 BD 80 02 | LDA 0280,X | EC5C 85 E4 | STA E4 |
| EBA9 18 | CLC | EC04 E8 | INX | EC5E A9 01 | LDA #01 |
| EBAA 60 | RTS | EC05 85 E4 | STA E4 | EC60 29 03 | AND #03 |
| EBAB 20 7D E8 | JSR E87D | EC07 E6 F8 | INC F8 | EC62 48 | PHA |
| EBAE 20 F6 E7 | JSR E7F6 | EC09 20 40 E8 | JSR E840 | EC63 A0 00 | LDY #00 |
| EBB1 20 17 E8 | JSR E817 | EC0C B0 07 | BCS EC15 | EC65 BD 30 E9 | LDA E930,X |
| EBB4 20 57 E6 | JSR E657 | EC0E 85 E5 | STA E5 | EC68 91 FE | STA (FE),Y |
| EBB7 A2 00 | LDX #00 | EC10 E6 F8 | INC F8 | EC6A 68 | PLA |
| EBB9 20 33 E6 | JSR E633 | EC12 20 40 E8 | JSR E840 | EC6B AA | TAX |
| EBBC 20 C2 EB | JSR EBC2 | EC15 C9 21 | CMP #21 | EC6C 18 | CLC |
| EBBF 90 ED | BCC EBAE | EC17 D0 08 | BNE EC21 | EC6D 20 8B E8 | JSR E88B |
| EBC1 60 | RTS | EC19 A9 08 | LDA #08 | EC70 CA | DEX |
| EBC2 A9 FD | LDA #FD | EC1B 05 F8 | ORA F8 | EC71 30 07 | BMI EC7A |
| EBC4 85 FC | STA FC | EC1D 85 F8 | STA F8 | EC73 B5 E4 | LDA E4,X |
| EBC6 A0 04 | LDY #04 | EC1F D0 10 | BNE EC31 | EC75 91 FE | STA (FE),Y |
| EBC8 BD 80 02 | LDA 0280,X | EC21 C9 22 | CMP #22 | EC77 90 F4 | BCC EC6D |
| EBCB E8 | INX | EC23 D0 04 | BNE EC29 | EC79 38 | SEC |
| EBCC 0A | ASL | EC25 A9 04 | LDA #04 | EC7A 60 | RTS |
| EBCD 0A | ASL | EC27 D0 F2 | BNE EC1B | EC7B FF | @@@ |
| EBCE 0A | ASL | EC29 C9 2C | CMP #2C | EC7C FF | @@@ |
| EBCF 0A | ASL | EC2B F0 E5 | BEQ EC12 | EC7D FF | @@@ |
| EBD0 66 F5 | ROR F5 | EC2D C9 29 | CMP #29 | EC7E FF | @@@ |
| EBD2 66 F4 | ROR F4 | EC2F F0 E1 | BEQ EC12 | EC7F FF | @@@ |
| EBD4 88 | DEY | EC31 A2 D0 | LDX #D0 | EC80 20 75 E8 | JSR E875 |
| EBD5 10 F8 | BPL EBCF | EC33 CA | DEX | EC83 90 14 | BCC EC99 |
| EBD7 E6 FC | INC FC | EC34 F0 43 | BEQ EC79 | EC85 A2 0C | LDX #0C |

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| EC87 8A | TXA | ECDF 10 F7 | BPL ECD8 | ED31 20 03 E8 | JSR E803 |
| EC88 48 | PHA | ECE1 C8 | INY | ED34 68 | PLA |
| EC89 20 F6 E7 | JSR E7F6 | ECE2 20 E4 E7 | JSR E7E4 | ED35 4C 03 E8 | JMP E803 |
| EC8C 20 A9 EC | JSR ECA9 | ECE5 C0 04 | CPY #04 | ED38 29 03 | AND #03 |
| EC8F 20 8B E8 | JSR E88B | ECE7 D0 F8 | BNE ECE1 | ED3A A8 | TAY |
| EC92 68 | PLA | ECE9 88 | DEY | ED3B B1 FE | LDA (FE),Y |
| EC93 AA | TAX | ECEA A2 05 | LDX #05 | ED3D 20 03 E8 | JSR E803 |
| EC94 CA | DEX | ECEC A9 02 | LDA #02 | ED40 20 8B E8 | JSR E88B |
| EC95 D0 F0 | BNE EC87 | ECEE 46 F5 | LSR F5 | ED43 88 | DEY |
| EC97 18 | CLC | ECFO 66 F4 | ROR F4 | ED44 88 | DEY |
| EC98 60 | RTS | ECF2 2A | ROL | ED45 F0 F4 | BEQ ED3B |
| EC99 20 F6 E7 | JSR E7F6 | ECF3 CA | DEX | ED47 A2 58 | LDX #58 |
| EC9C 20 A9 EC | JSR ECA9 | ECF4 D0 F8 | BNE ECEE | ED49 A5 F8 | LDA F8 |
| EC9F 20 F3 E8 | JSR E8F3 | ECF6 20 F1 FF | JSR FFF1 | ED4B 29 1C | AND #1C |
| ECA2 20 8B E8 | JSR E88B | ECF9 88 | DEY | ED4D F0 22 | BEQ ED71 |
| ECA5 90 F2 | BCC EC99 | ECFA D0 EE | BNE ECEA | ED4F 0A | ASL |
| ECA7 18 | CLC | ECFC 20 DC E7 | JSR E7DC | ED50 0A | ASL |
| ECA8 60 | RTS | ECFF A5 F8 | LDA F8 | ED51 0A | ASL |
| ECA9 20 17 E8 | JSR E817 | ED01 0A | ASL | ED52 0A | ASL |
| ECAC A0 00 | LDY #00 | ED02 F0 A3 | BEQ ECA7 | ED53 F0 0B | BEQ ED60 |
| ECAE B1 FE | LDA (FE),Y | ED04 10 04 | BPL ED0A | ED55 B0 04 | BCS ED5B |
| ECB0 A0 80 | LDY #80 | ED06 A9 23 | LDA #23 | ED57 10 0E | BPL ED67 |
| ECB2 84 F8 | STY F8 | ED08 D0 08 | BNE ED12 | ED59 30 0D | BMI ED68 |
| ECB4 A2 D0 | LDX #D0 | ED0A 29 20 | AND #20 | ED5B 10 07 | BPL ED64 |
| ECB6 CA | DEX | ED0C F0 02 | BEQ ED10 | ED5D 20 68 ED | JSR ED68 |
| ECB7 F0 0D | BEQ ECC6 | ED0E A9 08 | LDA #08 | ED60 A9 29 | LDA #29 |
| ECB9 DD 30 E9 | CMP E930,X | ED10 09 20 | ORA #20 | ED62 D0 0A | BNE ED6E |
| ECBC D0 F8 | BNE ECB6 | ED12 20 F1 FF | JSR FFF1 | ED64 20 60 ED | JSR ED60 |
| ECBE BC 00 EA | LDY EA00,X | ED15 A5 F8 | LDA F8 | ED67 E8 | INX |
| ECC1 10 F3 | BPL ECB6 | ED17 C9 A1 | CMP #A1 | ED68 A9 2C | LDA #2C |
| ECC3 84 F8 | STY F8 | ED19 D0 1D | BNE ED38 | ED6A 20 F1 FF | JSR FFF1 |
| ECC5 CA | DEX | ED1B 20 8B E8 | JSR E88B | ED6D 8A | TXA |
| ECC6 BD 00 EA | LDA EA00,X | ED1E B1 FE | LDA (FE),Y | ED6E 4C F1 FF | JMP FFF1 |
| ECC9 30 FA | BMI ECC5 | ED20 A8 | TAY | ED71 18 | CLC |
| ECCB 85 F5 | STA F5 | ED21 38 | SEC | ED72 60 | RTS |
| ECCD BD 30 E9 | LDA E930,X | ED22 65 FE | ADC FE | ED73 FF | @@@ |
| ECD0 85 F4 | STA F4 | ED24 48 | PHA | ED74 FF | @@@ |
| ECD2 98 | TYA | ED25 A6 FF | LDX FF | ED75 FF | @@@ |
| ECD3 29 03 | AND #03 | ED27 98 | TYA | ED76 FF | @@@ |
| ECD5 AA | TAX | ED28 10 03 | BPL ED2D | ED77 FF | @@@ |
| ECD6 A0 FF | LDY #FF | ED2A B0 04 | BCS ED30 | ED78 FF | @@@ |
| ECD8 C8 | INY | ED2C CA | DEX | ED79 FF | @@@ |
| ECD9 B1 FE | LDA (FE),Y | ED2D 90 01 | BCC ED30 | ED7A FF | @@@ |
| ECDB 20 00 E8 | JSR E800 | ED2F E8 | INX | ED7B FF | @@@ |
| ECDE CA | DEX | ED30 8A | TXA | ED7C FF | @@@ |

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| ED7D FF | @@@ | EDD8 A2 07 | LDX #07 | EE36 2C FF 87 | BIT 87FF |
| ED7E FF | @@@ | EDDA A0 09 | LDY #09 | EE39 50 06 | BVC EE41 |
| ED7F FF | @@@ | EDDC 20 B7 E7 | JSR E7B7 | EE3B 20 00 EE | JSR EE00 |
| ED80 A5 7B | LDA 7B | EDDF 6A | ROR | EE3E E0 19 | CPX #19 |
| ED82 85 FE | STA FE | EDE0 B0 05 | BCS EDE7 | EE40 60 | RTS |
| ED84 A5 7C | LDA 7C | EDE2 8D 00 88 | STA 8800 | EE41 20 09 EE | JSR EE09 |
| ED86 85 FF | STA FF | EDE5 90 0D | BCC EDF4 | EE44 E0 19 | CPX #19 |
| ED88 A9 00 | LDA #00 | EDE7 A0 0A | LDY #0A | EE46 60 | RTS |
| ED8A 85 F4 | STA F4 | EDE9 20 B7 E7 | JSR E7B7 | EE47 20 34 EE | JSR EE34 |
| ED8C A9 04 | LDA #04 | EDEC 8D 00 88 | STA 8800 | EE4A 90 FB | BCC EE47 |
| ED8E 85 F5 | STA F5 | EDEF A0 09 | LDY #09 | EE4C E0 33 | CPX #33 |
| ED90 20 B5 E8 | JSR E8B5 | EDF1 20 B7 E7 | JSR E7B7 | EE4E B0 F7 | BCS EE47 |
| ED93 E6 FE | INC FE | EDF4 A0 0A | LDY #0A | EE50 A0 0A | LDY #0A |
| ED95 E6 FF | INC FF | EDF6 20 B7 E7 | JSR E7B7 | EE52 20 34 EE | JSR EE34 |
| ED97 A9 60 | LDA #60 | EDF9 8D 00 88 | STA 8800 | EE55 90 F0 | BCC EE47 |
| ED99 A2 00 | LDX #00 | EDFC CA | DEX | EE57 88 | DEY |
| ED9B A0 14 | LDY #14 | EDFD 10 DB | BPL EDDA | EE58 D0 F8 | BNE EE52 |
| ED9D 20 B7 E7 | JSR E7B7 | EDFF 60 | RTS | EE5A 20 34 EE | JSR EE34 |
| EDA0 8D 00 88 | STA 8800 | EE00 E8 | INX | EE5D B0 FB | BCS EE5A |
| EDA3 CA | DEX | EE01 F0 05 | BEQ EE08 | EE5F 20 34 EE | JSR EE34 |
| EDA4 D0 F5 | BNE ED9B | EE03 2C FF 87 | BIT 87FF | EE62 B0 E3 | BCS EE47 |
| EDA6 A8 | TAY | EE06 70 F8 | BVS EE00 | EE64 60 | RTS |
| EDA7 88 | DEY | EE08 60 | RTS | EE65 A0 FF | LDY #FF |
| EDA8 98 | TYA | EE09 E8 | INX | EE67 A9 03 | LDA #03 |
| EDA9 D0 F0 | BNE ED9B | EE0A F0 05 | BEQ EE11 | EE69 84 7B | STY 7B |
| EDAB A0 08 | LDY #08 | EE0C 2C FF 87 | BIT 87FF | EE6B 85 7C | STA 7C |
| EDAD 20 DC ED | JSR EDDC | EE0F 50 F8 | BVC EE09 | EE6D 20 47 EE | JSR EE47 |
| EDB0 A5 FE | LDA FE | EE11 60 | RTS | EE70 20 12 EE | JSR EE12 |
| EDB2 20 D8 ED | JSR EDD8 | EE12 A0 08 | LDY #08 | EE73 85 FE | STA FE |
| EDB5 A5 FF | LDA FF | EE14 20 1C EE | JSR EE1C | EE75 20 12 EE | JSR EE12 |
| EDB7 20 D8 ED | JSR EDD8 | EE17 6A | ROR | EE78 85 FF | STA FF |
| EDBA 20 D7 ED | JSR EDD7 | EE18 88 | DEY | EE7A 20 12 EE | JSR EE12 |
| EDBD 20 D7 ED | JSR EDD7 | EE19 D0 F9 | BNE EE14 | EE7D E6 7B | INC 7B |
| EDC0 B1 F4 | LDA (F4),Y | EE1B 60 | RTS | EE7F D0 02 | BNE EE83 |
| EDC2 A2 07 | LDX #07 | EE1C A2 00 | LDX #00 | EE81 E6 7C | INC 7C |
| EDC4 A0 07 | LDY #07 | EE1E 2C FF 87 | BIT 87FF | EE83 91 7B | STA (7B),Y |
| EDC6 20 DC ED | JSR EDDC | EE21 50 08 | BVC EE2B | EE85 C6 FE | DEC FE |
| EDC9 E6 F4 | INC F4 | EE23 20 00 EE | JSR EE00 | EE87 D0 F1 | BNE EE7A |
| EDCB D0 02 | BNE EDCF | EE26 20 09 EE | JSR EE09 | EE89 C6 FF | DEC FF |
| EDCD E6 F5 | INC F5 | EE29 70 06 | BVS EE31 | EE8B D0 ED | BNE EE7A |
| EDCF C6 FE | DEC FE | EE2B 20 09 EE | JSR EE09 | EE8D 60 | RTS |
| EDD1 D0 EA | BNE EDBD | EE2E 20 00 EE | JSR EE00 | EE8E C9 10 | CMP #10 |
| EDD3 C6 FF | DEC FF | EE31 E0 33 | CPX #33 | EE90 90 07 | BCC EE99 |
| EDD5 D0 E9 | BNE EDC0 | EE33 60 | RTS | EE92 29 0F | AND #0F |
| EDD7 60 | RTS | EE34 A2 00 | LDX #00 | EE94 09 70 | ORA #70 |

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| EE96 85 E1 | STA E1 | EEEF 20 8B E8 | JSR E88B | EF46 4C DC E7 | JMP E7DC |
| EE98 60 | RTS | EEF2 90 EE | BCC EEE2 | EF49 A5 FE | LDA FE |
| EE99 09 60 | ORA #60 | EEF4 E8 | INX | EF4B 18 | CLC |
| EE9B 85 E1 | STA E1 | EEF5 A5 FE | LDA FE | EF4C 69 04 | ADC #04 |
| EE9D 60 | RTS | EEF7 48 | PHA | EF4E 85 F6 | STA F6 |
| EE9E C9 10 | CMP #10 | EEF8 86 FE | STX FE | EF50 A5 FF | LDA FF |
| EEA0 B0 07 | BCS EEA9 | EEFA 38 | SEC | EF52 69 00 | ADC #00 |
| EEA2 29 0F | AND #0F | EEFB E5 FE | SBC FE | EF54 85 F7 | STA F7 |
| EEA4 09 60 | ORA #60 | EEFD 85 FE | STA FE | EF56 60 | RTS |
| EEA6 85 E7 | STA E7 | EEFF A5 FF | LDA FF | EF57 20 7D E8 | JSR E87D |
| EEA8 60 | RTS | EF01 48 | PHA | EF5A B0 FA | BCS EF56 |
| EEA9 29 0F | AND #0F | EF02 E9 00 | SBC #00 | EF5C 90 58 | BCC EFB6 |
| EEAB 09 70 | ORA #70 | EF04 85 FF | STA FF | EF5E 20 0C DB | JSR DB0C |
| EEAD 85 E7 | STA E7 | EF06 20 40 EF | JSR EF40 | EF61 18 | CLC |
| EEAF 60 | RTS | EF09 E8 | INX | EF62 60 | RTS |
| EEB0 A2 23 | LDX #23 | EF0A E0 06 | CPX #06 | EF63 20 9D F9 | JSR F99D |
| EEB2 BD 9C E6 | LDA E69C,X | EF0C 90 F8 | BCC EF06 | EF66 D0 6A | BNE EFD2 |
| EEB5 9D 00 02 | STA 0200,X | EF0E CA | DEX | EF68 C9 01 | CMP #01 |
| EEB8 CA | DEX | EF0F F0 1B | BEQ EF2C | EF6A F0 0E | BEQ EF7A |
| EEB9 10 F7 | BPL EEB2 | EF11 B1 FE | LDA (FE),Y | EF6C A8 | TAY |
| EEBB A9 00 | LDA #00 | EF13 C9 20 | CMP #20 | EF6D D0 53 | BNE EFC2 |
| EEBD 8D 43 02 | STA 0243 | EF15 90 04 | BCC EF1B | EF6F 20 85 EF | JSR EF85 |
| EEC0 60 | RTS | EF17 C9 80 | CMP #80 | EF72 D0 1E | BNE EF92 |
| EEC1 2C 0E 02 | BIT 020E | EF19 90 02 | BCC EF1D | EF74 20 3D A7 | JSR A73D |
| EEC4 10 03 | BPL EEC9 | EF1B A9 2E | LDA #2E | EF77 4C C5 00 | JMP 00C5 |
| EEC6 49 FF | EOR #FF | EF1D 20 F1 FF | JSR FFF1 | EF7A 20 85 EF | JSR EF85 |
| EEC8 60 | RTS | EF20 20 F3 E8 | JSR E8F3 | EF7D D0 13 | BNE EF92 |
| EEC9 24 FC | BIT FC | EF23 20 8B E8 | JSR E88B | EF7F 20 B6 A4 | JSR A4B6 |
| EECB 30 F9 | BMI EEC6 | EF26 90 E6 | BCC EF0E | EF82 4C C5 00 | JMP 00C5 |
| EECD 60 | RTS | EF28 68 | PLA | EF85 AD 00 A4 | LDA A400 |
| EECE FF | @@@ | EF29 68 | PLA | EF88 C9 A9 | CMP #A9 |
| EECF FF | @@@ | EF2A 18 | CLC | EF8A D0 05 | BNE EF91 |
| EED0 20 75 E8 | JSR E875 | EF2B 60 | RTS | EF8C AD 02 A4 | LDA A402 |
| EED3 90 03 | BCC EED8 | EF2C 20 B0 E5 | JSR E5B0 | EF8F C9 8D | CMP #8D |
| EED5 20 49 EF | JSR EF49 | EF2F C9 71 | CMP #71 | EF91 60 | RTS |
| EED8 A0 00 | LDY #00 | EF31 F0 F5 | BEQ EF28 | EF92 A9 EF | LDA #EF |
| EEDA 20 F6 E7 | JSR E7F6 | EF33 C9 0D | CMP #0D | EF94 A0 9C | LDY #9C |
| EEDD 20 17 E8 | JSR E817 | EF35 F0 F5 | BEQ EF2C | EF96 20 3B E6 | JSR E63B |
| EEE0 A2 FF | LDX #FF | EF37 68 | PLA | EF99 4C 03 C0 | JMP C003 |
| EEE2 E8 | INX | EF38 85 FF | STA FF | EF9C 0D 0A 0A | ORA 0A0A |
| EEE3 E0 05 | CPX #05 | EF3A 68 | PLA | EF9F 20 43 52 | JSR 5243 |
| EEE5 B0 0E | BCS EEF5 | EF3B 85 FE | STA FE | EFA2 54 | @@@ |
| EEE7 B1 FE | LDA (FE),Y | EF3D 4C DA EE | JMP EEDA | EFA3 20 4E 4F | JSR 4F4E |
| EEE9 20 00 E8 | JSR E800 | EF40 20 DC E7 | JSR E7DC | EFA6 54 | @@@ |
| EEEC 20 F3 E8 | JSR E8F3 | EF43 20 DC E7 | JSR E7DC | EFA7 20 49 4D | JSR 4D49 |

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| EFAA 50 4C | BVC | EFF8 | EFEF FF | 000 | F054 20 C5 00 | JSR | 00C5 | |
| EFAC 45 4D | EOR | 4D | EFF0 FF | 000 | F057 4C DC D4 | JMP | D4DC | |
| EFAE 45 4E | EOR | 4E | EFF1 FF | 000 | F05A 20 54 F0 | JSR | F054 | |
| EFB0 54 | 000 | | EFF2 FF | 000 | F05D 86 E2 | STX | E2 | |
| EFB1 45 44 | EOR | 44 | EFF3 FF | 000 | F05F 20 51 F0 | JSR | F051 | |
| EFB3 0D 0A 04 | ORA | 040A | EFF4 FF | 000 | F062 86 E3 | STX | E3 | |
| EFB6 20 F6 E7 | JSR | E7F6 | EFF5 FF | 000 | F064 4C C5 00 | JMP | 00C5 | |
| EFB9 A5 FF | LDA | FF | EFF6 FF | 000 | F067 20 54 F0 | JSR | F054 | |
| EFBB A6 FE | LDX | FE | EFF7 FF | 000 | F06A 86 E4 | STX | E4 | |
| EFBD 20 0C DB | JSR | DB0C | EFF8 FF | 000 | F06C 20 51 F0 | JSR | F051 | |
| EFCD 18 | CLC | | EFF9 FF | 000 | F06F 86 E5 | STX | E5 | |
| EFC1 60 | RTS | | EFFA FF | 000 | F071 20 8B FE | JSR | FE8B | |
| EFC2 C9 02 | CMP | #02 | EFFB FF | 000 | F074 20 C5 00 | JSR | 00C5 | |
| EFC4 D0 0C | BNE | EFD2 | EFFC FF | 000 | F077 F0 6D | BEQ | F0E6 | |
| EFC6 20 85 EF | JSR | EF85 | EFFD FF | 000 | F079 20 51 F0 | JSR | F051 | |
| EFC9 D0 C7 | BNE | EF92 | EFEE FF | 000 | F07C 86 E4 | STX | E4 | |
| EFCB 18 | CLC | | FFFF FF | 000 | F07E 4C 6C F0 | JMP | F06C | |
| EFCC 20 B6 A4 | JSR | A4B6 | F000 4C 6D FA | JMP | FA6D | F081 20 5A F0 | JSR | F05A |
| EFCE 4C C5 00 | JMP | 00C5 | F003 4C 67 F0 | JMP | F067 | F084 20 69 FE | JSR | FE69 |
| EFD2 A2 02 | LDX | #02 | F006 4C FF FF | JMP | FFFF | F087 4C C5 00 | JMP | 00C5 |
| EFD4 4C 59 C2 | JMP | C259 | F009 4C FF FF | JMP | FFFF | F08A 20 5A F0 | JSR | F05A |
| EFD7 FF | 000 | | F00C 4C A0 F3 | JMP | F3A0 | F08D 20 51 F0 | JSR | F051 |
| EFD8 FF | 000 | | F00F 4C 87 F5 | JMP | F587 | F090 86 F8 | STX | F8 |
| EFD9 FF | 000 | | F012 4C 73 F3 | JMP | F373 | F092 20 06 FF | JSR | FF06 |
| EFDA FF | 000 | | F015 4C 0F F5 | JMP | F50F | F095 4C C5 00 | JMP | 00C5 |
| EFDB FF | 000 | | F018 4C D2 F5 | JMP | F5D2 | F098 20 54 F0 | JSR | F054 |
| EFDC FF | 000 | | F01B 4C 17 F4 | JMP | F417 | F09B 8E 0A 02 | STX | 020A |
| EFDD FF | 000 | | F01E 4C F6 F0 | JMP | F0F6 | F09E 4C C5 00 | JMP | 00C5 |
| EFDE FF | 000 | | F021 4C 93 F8 | JMP | F893 | FOA1 A9 00 | LDA | #00 |
| EFDF FF | 000 | | F024 4C EE FF | JMP | FFEE | FOA3 8D 5A 02 | STA | 025A |
| EFEO FF | 000 | | F027 4C 43 F4 | JMP | F443 | FOA6 20 ED F0 | JSR | F0ED |
| EFE1 FF | 000 | | F02A 4C 09 F3 | JMP | F309 | FOA9 20 33 E6 | JSR | E633 |
| EFE2 FF | 000 | | F02D 4C A1 F0 | JMP | F0A1 | FOAC C9 57 | CMP | #57 |
| EFE3 FF | 000 | | F030 4C ED F0 | JMP | F0ED | FOAE D0 03 | BNE | F0B3 |
| EFE4 FF | 000 | | F033 4C 90 F8 | JMP | F890 | FOB0 4C 03 C0 | JMP | C003 |
| EFE5 FF | 000 | | F036 4C B0 F8 | JMP | F8B0 | FOB3 C9 43 | CMP | #43 |
| EFE6 FF | 000 | | F039 4C 57 F9 | JMP | F957 | FOB5 D0 2F | BNE | F0E6 |
| EFE7 FF | 000 | | F03C 4C 82 F9 | JMP | F982 | FOB7 A9 14 | LDA | #14 |
| EFE8 FF | 000 | | F03F 4C 72 F1 | JMP | F172 | FOB9 8D 4F 02 | STA | 024F |
| EFE9 FF | 000 | | F042 4C 87 F1 | JMP | F187 | FOBC A9 54 | LDA | #54 |
| EFEA FF | 000 | | F045 4C C4 F1 | JMP | F1C4 | FOBE 8D 66 02 | STA | 0266 |
| EFEB FF | 000 | | F048 4C D6 FB | JMP | FBD6 | FOC1 A9 FD | LDA | #FD |
| EFEC FF | 000 | | F04B 4C D9 FB | JMP | FBD9 | FOC3 8D 5F 02 | STA | 025F |
| EFED FF | 000 | | F04E 4C 1F FC | JMP | FC1F | FOC6 8D 61 02 | STA | 0261 |
| EFEE FF | 000 | | F051 20 C5 CC | JSR | CCC5 | FOC9 8D 63 02 | STA | 0263 |

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| F0CC 8D 65 02 | STA 0265 | F12E 4C 37 F1 | JMP F137 | F185 18 | CLC |
| F0CF A9 8F | LDA #8F | F131 20 7A F8 | JSR F87A | F186 60 | RTS |
| F0D1 8D 5E 02 | STA 025E | F134 38 | SEC | F187 A4 E9 | LDY E9 |
| F0D4 A9 9D | LDA #9D | F135 E9 7F | SBC #7F | F189 B1 E6 | LDA (E6),Y |
| F0D6 8D 60 02 | STA 0260 | F137 AA | TAX | F18B 60 | RTS |
| F0D9 A9 A1 | LDA #A1 | F138 84 91 | STY 91 | F18C 8A | TXA |
| F0DB 8D 62 02 | STA 0262 | F13A A0 FF | LDY #FF | F18D 48 | PHA |
| F0DE A9 AB | LDA #AB | F13C CA | DEX | F18E A2 00 | LDX #00 |
| F0E0 8D 64 02 | STA 0264 | F13D F0 07 | BEQ F146 | F190 F0 04 | BEQ F196 |
| F0E3 4C 00 C0 | JMP C000 | F13F C8 | INY | F192 8A | TXA |
| F0E6 60 | RTS | F140 B1 FE | LDA (FE),Y | F193 48 | PHA |
| F0E7 A9 20 | LDA #20 | F142 10 FB | BPL F13F | F194 A2 05 | LDX #05 |
| F0E9 8D 40 02 | STA 0240 | F144 30 F6 | BMI F13C | F196 A0 00 | LDY #00 |
| F0EC 60 | RTS | F146 C8 | INY | F198 B9 E6 00 | LDA 00E6,Y |
| F0ED 20 E7 F0 | JSR F0E7 | F147 B1 FE | LDA (FE),Y | F19B 9D 44 02 | STA 0244,X |
| F0F0 A9 20 | LDA #20 | F149 30 C8 | BMI F113 | F19E E8 | INX |
| F0F2 8D 41 02 | STA 0241 | F14B 20 6C C9 | JSR C96C | F19F C8 | INY |
| F0F5 60 | RTS | F14E 4C 46 F1 | JMP F146 | F1A0 C0 04 | CPY #04 |
| F0F6 20 00 C9 | JSR C900 | F151 20 6C C9 | JSR C96C | F1A2 D0 F4 | BNE F198 |
| F0F9 A5 81 | LDA 81 | F154 98 | TYA | F1A4 A8 | TAY |
| F0FB 85 14 | STA 14 | F155 38 | SEC | F1A5 68 | PLA |
| F0FD A5 82 | LDA 82 | F156 65 A7 | ADC A7 | F1A6 AA | TAX |
| F0FF 85 15 | STA 15 | F158 85 A7 | STA A7 | F1A7 60 | RTS |
| F101 20 36 C4 | JSR C436 | F15A 90 02 | BCC F15E | F1A8 8A | TXA |
| F104 A0 02 | LDY #02 | F15C E6 A8 | INC A8 | F1A9 48 | PHA |
| F106 B1 A7 | LDA (A7),Y | F15E A0 FF | LDY #FF | F1AA A2 00 | LDX #00 |
| F108 AA | TAX | F160 84 91 | STY 91 | F1AC F0 04 | BEQ F1B2 |
| F109 C8 | INY | F162 C5 C6 | CMP C6 | F1AE 8A | TXA |
| F10A B1 A7 | LDA (A7),Y | F164 D0 0B | BNE F171 | F1AF 48 | PHA |
| F10C 84 91 | STY 91 | F166 A5 A8 | LDA A8 | F1B0 A2 05 | LDX #05 |
| F10E 20 0C DB | JSR DB0C | F168 C5 C7 | CMP C7 | F1B2 A0 00 | LDY #00 |
| F111 A9 20 | LDA #20 | F16A D0 05 | BNE F171 | F1B4 BD 44 02 | LDA 0244,X |
| F113 A4 91 | LDY 91 | F16C A9 BF | LDA #BF | F1B7 99 E6 00 | STA 00E6,Y |
| F115 29 7F | AND #7F | F16E 20 6C C9 | JSR C96C | F1BA E8 | INX |
| F117 20 51 F1 | JSR F151 | F171 60 | RTS | F1BB C8 | INY |
| F11A C8 | INY | F172 A2 0A | LDX #0A | F1BC C0 04 | CPY #04 |
| F11B B1 A7 | LDA (A7),Y | F174 20 E3 E4 | JSR E4E3 | F1BE D0 F4 | BNE F1B4 |
| F11D D0 03 | BNE F122 | F177 20 B0 E5 | JSR E5B0 | F1C0 A8 | TAY |
| F11F 4C 00 C9 | JMP C900 | F17A 90 09 | BCC F185 | F1C1 68 | PLA |
| F122 10 F3 | BPL F117 | F17C F0 07 | BEQ F185 | F1C2 AA | TAX |
| F124 C9 C6 | CMP #C6 | F17E 85 FC | STA FC | F1C3 60 | RTS |
| F126 90 09 | BCC F131 | F180 88 | DEY | F1C4 C9 08 | CMP #08 |
| F128 20 85 F8 | JSR F885 | F181 D0 EF | BNE F172 | F1C6 D0 1D | BNE F1E5 |
| F12B 38 | SEC | F183 38 | SEC | F1C8 2C 43 02 | BIT 0243 |
| F12C E9 C5 | SBC #C5 | F184 60 | RTS | F1CB 10 25 | BPL F1F2 |

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| F1CD 20 92 F1 | JSR F192 | F237 8D 43 02 | STA 0243 | F29C 85 FC | STA FC |
| F1D0 20 A8 F1 | JSR F1A8 | F23A 68 | PLA | F29E AD 4A 02 | LDA 024A |
| F1D3 20 C2 E4 | JSR E4C2 | F23B 4C 50 E7 | JMP E750 | F2A1 85 F1 | STA F1 |
| F1D6 20 F2 F1 | JSR F1F2 | F23E C9 14 | CMP #14 | F2A3 A2 00 | LDX #00 |
| F1D9 20 8C F1 | JSR F18C | F240 F0 23 | BEQ F265 | F2A5 A9 20 | LDA #20 |
| F1DC 20 C2 E4 | JSR E4C2 | F242 C9 20 | CMP #20 | F2A7 8D 48 02 | STA 0248 |
| F1DF 20 AE F1 | JSR F1AE | F244 90 F5 | BCC F23B | F2AA E8 | INX |
| F1E2 A9 08 | LDA #08 | F246 48 | PHA | F2AB A9 20 | LDA #20 |
| F1E4 60 | RTS | F247 2C 43 02 | BIT 0243 | F2AD 8D 5D 02 | STA 025D |
| F1E5 C9 1F | CMP #1F | F24A 10 EE | BPL F23A | F2B0 BD 00 02 | LDA 0200,X |
| F1E7 D0 18 | BNE F201 | F24C 20 92 F1 | JSR F192 | F2B3 85 FE | STA FE |
| F1E9 2C 43 02 | BIT 0243 | F24F 20 A8 F1 | JSR F1A8 | F2B5 BD 04 02 | LDA 0204,X |
| F1EC 10 04 | BPL F1F2 | F252 20 C2 E4 | JSR E4C2 | F2B8 85 FF | STA FF |
| F1EE A9 08 | LDA #08 | F255 68 | PLA | F2BA A0 00 | LDY #00 |
| F1F0 D0 25 | BNE F217 | F256 48 | PHA | F2BC 84 FA | STY FA |
| F1F2 A9 08 | LDA #08 | F257 20 50 E7 | JSR E750 | F2BE A0 00 | LDY #00 |
| F1F4 20 50 E7 | JSR E750 | F25A 20 8C F1 | JSR F18C | F2C0 B1 F0 | LDA (F0),Y |
| F1F7 A9 20 | LDA #20 | F25D 20 C2 E4 | JSR E4C2 | F2C2 A4 FA | LDY FA |
| F1F9 20 50 E7 | JSR E750 | F260 20 AE F1 | JSR F1AE | F2C4 D1 FE | CMP (FE),Y |
| F1FC A9 08 | LDA #08 | F263 68 | PLA | F2C6 F0 1E | BEQ F2E6 |
| F1FE 4C 50 E7 | JMP E750 | F264 60 | RTS | F2C8 EE 48 02 | INC 0248 |
| F201 C9 0A | CMP #0A | F265 2C 43 02 | BIT 0243 | F2CB 2C 48 02 | BIT 0248 |
| F203 D0 18 | BNE F21D | F268 30 03 | BMI F26D | F2CE 30 32 | BMI F302 |
| F205 2C 43 02 | BIT 0243 | F26A 6C 16 02 | JMP (0216) | F2D0 A5 FC | LDA FC |
| F208 30 0D | BMI F217 | F26D 20 92 F1 | JSR F192 | F2D2 85 F0 | STA F0 |
| F20A 48 | PHA | F270 20 A8 F1 | JSR F1A8 | F2D4 A5 FE | LDA FE |
| F20B A9 FF | LDA #FF | F273 20 C2 E4 | JSR E4C2 | F2D6 CE 5D 02 | DEC 025D |
| F20D 8D 43 02 | STA 0243 | F276 20 8D F2 | JSR F28D | F2D9 F0 CF | BEQ F2AA |
| F210 20 8C F1 | JSR F18C | F279 20 8C F1 | JSR F18C | F2DB 18 | CLC |
| F213 20 C2 E4 | JSR E4C2 | F27C 20 C2 E4 | JSR E4C2 | F2DC 69 08 | ADC #08 |
| F216 68 | PLA | F27F 20 AE F1 | JSR F1AE | F2DE 85 FE | STA FE |
| F217 20 50 E7 | JSR E750 | F282 A9 09 | LDA #09 | F2E0 90 D8 | BCC F2BA |
| F21A 6C 16 02 | JMP (0216) | F284 20 50 E7 | JSR E750 | F2E2 E6 FF | INC FF |
| F21D C9 09 | CMP #09 | F287 AD 48 02 | LDA 0248 | F2E4 D0 D4 | BNE F2BA |
| F21F F0 E4 | BEQ F205 | F28A F0 DE | BEQ F26A | F2E6 C8 | INY |
| F221 C9 0B | CMP #0B | F28C 60 | RTS | F2E7 84 FA | STY FA |
| F223 F0 E0 | BEQ F205 | F28D 8A | TXA | F2E9 C0 07 | CPY #07 |
| F225 C9 0D | CMP #0D | F28E 48 | PHA | F2EB F0 0A | BEQ F2F7 |
| F227 D0 15 | BNE F23E | F28F 98 | TYA | F2ED A5 F0 | LDA F0 |
| F229 2C 43 02 | BIT 0243 | F290 48 | PHA | F2EF 18 | CLC |
| F22C 10 0D | BPL F23B | F291 AD 49 02 | LDA 0249 | F2F0 69 20 | ADC #20 |
| F22E 48 | PHA | F294 18 | CLC | F2F2 85 F0 | STA F0 |
| F22F 20 A8 F1 | JSR F1A8 | F295 6D 4C 02 | ADC 024C | F2F4 4C BE F2 | JMP F2BE |
| F232 20 C2 E4 | JSR E4C2 | F298 69 20 | ADC #20 | F2F7 AD 48 02 | LDA 0248 |
| F235 A9 00 | LDA #00 | F29A 85 F0 | STA F0 | F2FA 20 50 E7 | JSR E750 |

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| F2FD 68 | PLA | F353 A9 42 | LDA #42 | F3B2 EE 4D 02 | INC 024D |
| F2FE A8 | TAY | F355 8D 84 02 | STA 0284 | F3B5 D0 11 | BNE F3C8 |
| F2FF 68 | PLA | F358 A2 05 | LDX #05 | F3B7 20 D1 F3 | JSR F3D1 |
| F300 AA | TAX | F35A BD 4B 02 | LDA 024B,X | F3BA EE 4E 02 | INC 024E |
| F301 60 | RTS | F35D 9D 80 02 | STA 0280,X | F3BD AD 4E 02 | LDA 024E |
| F302 A9 00 | LDA #00 | F360 E8 | INX | F3C0 8D 8F 02 | STA 028F |
| F304 8D 48 02 | STA 0248 | F361 E0 0F | CPX #0F | F3C3 A9 10 | LDA #10 |
| F307 F0 F4 | BEQ F2FD | F363 D0 F5 | BNE F35A | F3C5 8D 4D 02 | STA 024D |
| F309 24 10 | BIT 10 | F365 AD 4E 02 | LDA 024E | F3C8 68 | PLA |
| F30B 30 12 | BMI F31F | F368 8D 8F 02 | STA 028F | F3C9 A8 | TAY |
| F30D 48 | PHA | F36B A9 10 | LDA #10 | F3CA 68 | PLA |
| F30E C9 20 | CMP #20 | F36D 8D 4D 02 | STA 024D | F3CB AA | TAX |
| F310 90 0C | BCC F31E | F370 A6 FA | LDX FA | F3CC 20 C5 00 | JSR 00C5 |
| F312 A5 11 | LDA 11 | F372 60 | RTS | F3CF 68 | PLA |
| F314 C5 12 | CMP 12 | F373 8A | TXA | F3D0 60 | RTS |
| F316 D0 04 | BNE F31C | F374 48 | PHA | F3D1 AD 41 02 | LDA 0241 |
| F318 A9 00 | LDA #00 | F375 AD 66 02 | LDA 0266 | F3D4 C9 44 | CMP #44 |
| F31A 85 11 | STA 11 | F378 8D 41 02 | STA 0241 | F3D6 D0 0C | BNE F3E4 |
| F31C E6 11 | INC 11 | F37B 20 C5 00 | JSR 00C5 | F3D8 20 E0 F3 | JSR F3E0 |
| F31E 68 | PLA | F37E 20 22 F3 | JSR F322 | F3DB 90 F3 | BCC F3D0 |
| F31F 29 FF | AND #FF | F381 BA | TSX | F3DD 4C 60 FD | JMP FD60 |
| F321 60 | RTS | F382 9D 04 01 | STA 0104,X | F3E0 18 | CLC |
| F322 A9 20 | LDA #20 | F385 A9 00 | LDA #00 | F3E1 6C 5E 02 | JMP (025E) |
| F324 A2 09 | LDX #09 | F387 8D 4E 02 | STA 024E | F3E4 AD 4F 02 | LDA 024F |
| F326 9D 50 02 | STA 0250,X | F38A 20 47 F3 | JSR F347 | F3E7 A2 00 | LDX #00 |
| F329 CA | DEX | F38D AD 41 02 | LDA 0241 | F3E9 A0 14 | LDY #14 |
| F32A 10 FA | BPL F326 | F390 C9 44 | CMP #44 | F3EB 20 B7 E7 | JSR E7B7 |
| F32C 20 C5 00 | JSR 00C5 | F392 D0 09 | BNE F39D | F3EE 8D 00 88 | STA 8800 |
| F32F D0 03 | BNE F334 | F394 38 | SEC | F3F1 CA | DEX |
| F331 4C 92 FA | JMP FA92 | F395 20 E1 F3 | JSR F3E1 | F3F2 D0 F5 | BNE F3E9 |
| F334 20 71 F6 | JSR F671 | F398 90 03 | BCC F39D | F3F4 A8 | TAY |
| F337 CA | DEX | F39A 4C 60 FD | JMP FD60 | F3F5 88 | DEY |
| F338 F0 0A | BEQ F344 | F39D 68 | PLA | F3F6 98 | TYA |
| F33A B1 6A | LDA (6A),Y | F39E AA | TAX | F3F7 D0 F0 | BNE F3E9 |
| F33C 99 50 02 | STA 0250,Y | F39F 60 | RTS | F3F9 A0 08 | LDY #08 |
| F33F C8 | INY | F3A0 85 FC | STA FC | F3FB 20 DC ED | JSR EDDC |
| F340 C0 0A | CPY #0A | F3A2 48 | PHA | F3FE EA | NOP |
| F342 D0 F3 | BNE F337 | F3A3 8A | TXA | F3FF EA | NOP |
| F344 4C C5 00 | JMP 00C5 | F3A4 48 | PHA | F400 EA | NOP |
| F347 86 FA | STX FA | F3A5 98 | TYA | F401 20 D7 ED | JSR EDD7 |
| F349 A2 03 | LDX #03 | F3A6 48 | PHA | F404 AE 4D 02 | LDX 024D |
| F34B A9 1B | LDA #1B | F3A7 20 40 C6 | JSR C640 | F407 BD 80 02 | LDA 0280,X |
| F34D 9D 80 02 | STA 0280,X | F3AA A5 FC | LDA FC | F40A A2 07 | LDX #07 |
| F350 CA | DEX | F3AC AE 4D 02 | LDX 024D | F40C A0 06 | LDY #06 |
| F351 10 FA | BPL F34D | F3AF 9D 80 02 | STA 0280,X | F40E 20 DC ED | JSR EDDC |

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| F411 EE 4D 02 | INC 024D | F469 48 | PHA | F4CE D0 03 | BNE F4D3 |
| F414 D0 E8 | BNE F3FE | F46A AD 40 02 | LDA 0240 | F4D0 28 | PLP |
| F416 60 | RTS | F46D C9 44 | CMP #44 | F4D1 18 | CLC |
| F417 8A | TXA | F46F F0 43 | BEQ F4B4 | F4D2 60 | RTS |
| F418 48 | PHA | F471 A2 00 | LDX #00 | F4D3 28 | PLP |
| F419 AE 4D 02 | LDX 024D | F473 BD 85 02 | LDA 0285,X | F4D4 38 | SEC |
| F41C A9 20 | LDA #20 | F476 20 F1 FF | JSR FFF1 | F4D5 60 | RTS |
| F41E 9D 80 02 | STA 0280,X | F479 E8 | INX | F4D6 AD 40 02 | LDA 0240 |
| F421 E8 | INX | F47A E0 0A | CPX #0A | F4D9 C9 44 | CMP #44 |
| F422 D0 FA | BNE F41E | F47C D0 F5 | BNE F473 | F4DB F0 F8 | BEQ F4D5 |
| F424 8E 4D 02 | STX 024D | F47E A9 22 | LDA #22 | F4DD B9 24 F6 | LDA F624,Y |
| F427 20 D1 F3 | JSR F3D1 | F480 20 F1 FF | JSR FFF1 | F4E0 F0 F3 | BEQ F4D5 |
| F42A AD 41 02 | LDA 0241 | F483 A9 20 | LDA #20 | F4E2 20 F1 FF | JSR FFF1 |
| F42D C9 44 | CMP #44 | F485 20 F1 FF | JSR FFF1 | F4E5 C8 | INY |
| F42F D0 0B | BNE F43C | F488 AD 84 02 | LDA 0284 | F4E6 D0 F5 | BNE F4DD |
| F431 20 39 F4 | JSR F439 | F48B 20 F1 FF | JSR FFF1 | F4E8 AD 40 02 | LDA 0240 |
| F434 90 06 | BCC F43C | F48E AE 8F 02 | LDX 028F | F4EB C9 44 | CMP #44 |
| F436 4C 60 FD | JMP FD60 | F491 AD 40 02 | LDA 0240 | F4ED D0 08 | BNE F4F7 |
| F439 6C 60 02 | JMP (0260) | F494 48 | PHA | F4EF 20 F8 F4 | JSR F4F8 |
| F43C 20 ED F0 | JSR FOED | F495 20 E7 F0 | JSR FOE7 | F4F2 90 03 | BCC F4F7 |
| F43F 68 | PLA | F498 A9 00 | LDA #00 | F4F4 4C 60 FD | JMP FD60 |
| F440 AA | TAX | F49A 20 0C DB | JSR DB0C | F4F7 60 | RTS |
| F441 18 | CLC | F49D 68 | PLA | F4F8 38 | SEC |
| F442 60 | RTS | F49E 8D 40 02 | STA 0240 | F4F9 6C 62 02 | JMP (0262) |
| F443 48 | PHA | F4A1 AD 84 02 | LDA 0284 | F4FC AD 40 02 | LDA 0240 |
| F444 AD 40 02 | LDA 0240 | F4A4 C9 4F | CMP #4F | F4FF C9 44 | CMP #44 |
| F447 20 D8 C6 | JSR C6D8 | F4A6 D0 0C | BNE F4B4 | F501 D0 09 | BNE F50C |
| F44A F0 04 | BEQ F450 | F4A8 AD 91 02 | LDA 0291 | F503 18 | CLC |
| F44C 68 | PLA | F4AB 20 00 E8 | JSR E800 | F504 20 F9 F4 | JSR F4F9 |
| F44D 4C F1 FF | JMP FFF1 | F4AE AD 90 02 | LDA 0290 | F507 90 EE | BCC F4F7 |
| F450 68 | PLA | F4B1 20 03 E8 | JSR E803 | F509 4C 60 FD | JMP FD60 |
| F451 60 | RTS | F4B4 68 | PLA | F50C 4C F1 F5 | JMP F5F1 |
| F452 8A | TXA | F4B5 AA | TAX | F50F AD 66 02 | LDA 0266 |
| F453 48 | PHA | F4B6 60 | RTS | F512 8D 40 02 | STA 0240 |
| F454 A2 00 | LDX #00 | F4B7 A2 05 | LDX #05 | F515 8A | TXA |
| F456 BD 50 02 | LDA 0250,X | F4B9 BD 4B 02 | LDA 024B,X | F516 48 | PHA |
| F459 20 F1 FF | JSR FFF1 | F4BC C9 20 | CMP #20 | F517 98 | TYA |
| F45C E8 | INX | F4BE F0 0A | BEQ F4CA | F518 48 | PHA |
| F45D E0 0A | CPX #0A | F4C0 DD 80 02 | CMP 0280,X | F519 20 C5 00 | JSR 00C5 |
| F45F D0 F5 | BNE F456 | F4C3 D0 10 | BNE F4D5 | F51C 20 22 F3 | JSR F322 |
| F461 68 | PLA | F4C5 E8 | INX | F51F 20 E8 F4 | JSR F4E8 |
| F462 AA | TAX | F4C6 E0 0F | CPX #0F | F522 A9 42 | LDA #42 |
| F463 A9 22 | LDA #22 | F4C8 D0 EF | BNE F4B9 | F524 48 | PHA |
| F465 4C F1 FF | JMP FFF1 | F4CA 08 | PHP | F525 A0 00 | LDY #00 |
| F468 8A | TXA | F4CB AD 8F 02 | LDA 028F | F527 AD 40 02 | LDA 0240 |

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| F52A C9 44 | CMP #44 | F589 98 | TYA | F5F1 20 40 C6 | JSR C640 |
| F52C F0 06 | BEQ F534 | F58A 48 | PHA | F5F4 A9 04 | LDA #04 |
| F52E 20 D6 F4 | JSR F4D6 | F58B AE 4D 02 | LDX 024D | F5F6 8D 4D 02 | STA 024D |
| F531 20 52 F4 | JSR F452 | F58E F0 10 | BEQ F5A0 | F5F9 A0 20 | LDY #20 |
| F534 20 FC F4 | JSR F4FC | F590 BD 80 02 | LDA 0280,X | F5FB 20 1C EE | JSR EE1C |
| F537 20 B7 F4 | JSR F4B7 | F593 EE 4D 02 | INC 024D | F5FE 90 F1 | BCC F5F1 |
| F53A F0 0B | BEQ F547 | F596 85 FA | STA FA | F600 88 | DEY |
| F53C A0 1C | LDY #1C | F598 68 | PLA | F601 D0 F8 | BNE F5FB |
| F53E 20 D6 F4 | JSR F4D6 | F599 A8 | TAY | F603 20 47 EE | JSR EE47 |
| F541 20 68 F4 | JSR F468 | F59A 68 | PLA | F606 A9 04 | LDA #04 |
| F544 4C 34 F5 | JMP F534 | F59B AA | TAX | F608 85 FA | STA FA |
| F547 90 1E | BCC F567 | F59C A5 FA | LDA FA | F60A 20 12 EE | JSR EE12 |
| F549 A0 1C | LDY #1C | F59E 18 | CLC | F60D C9 1B | CMP #1B |
| F54B 20 D6 F4 | JSR F4D6 | F59F 60 | RTS | F60F D0 E0 | BNE F5F1 |
| F54E 20 68 F4 | JSR F468 | F5A0 20 FC F4 | JSR F4FC | F611 C6 FA | DEC FA |
| F551 68 | PLA | F5A3 A0 1C | LDY #1C | F613 D0 F5 | BNE F60A |
| F552 48 | PHA | F5A5 20 D6 F4 | JSR F4D6 | F615 20 12 EE | JSR EE12 |
| F553 CD 84 02 | CMP 0284 | F5A8 20 68 F4 | JSR F468 | F618 AE 4D 02 | LDX 024D |
| F556 D0 DC | BNE F534 | F5AB 20 B7 F4 | JSR F4B7 | F61B 9D 80 02 | STA 0280,X |
| F558 A0 2A | LDY #2A | F5AE F0 0F | BEQ F5BF | F61E EE 4D 02 | INC 024D |
| F55A 20 D6 F4 | JSR F4D6 | F5B0 A0 39 | LDY #39 | F621 D0 F2 | BNE F615 |
| F55D 20 EE FF | JSR FFEE | F5B2 20 D6 F4 | JSR F4D6 | F623 60 | RTS |
| F560 C9 0D | CMP #0D | F5B5 20 DE F5 | JSR F5DE | F624 0D 0A 53 | ORA 530A |
| F562 F0 D0 | BEQ F534 | F5B8 20 ED F0 | JSR F0ED | F627 45 41 | EOR 41 |
| F564 4C 58 C6 | JMP C658 | F5BB A9 1A | LDA #1A | F629 52 | @@@ |
| F567 68 | PLA | F5BD D0 D7 | BNE F596 | F62A 43 | @@@ |
| F568 48 | PHA | F5BF AD 8F 02 | LDA 028F | F62B 48 | PHA |
| F569 CD 84 02 | CMP 0284 | F5C2 CD 4E 02 | CMP 024E | F62C 49 4E | EOR #4E |
| F56C D0 CE | BNE F53C | F5C5 D0 E9 | BNE F5B0 | F62E 47 | @@@ |
| F56E 68 | PLA | F5C7 EE 4E 02 | INC 024E | F62F 20 22 00 | JSR 0022 |
| F56F A0 0E | LDY #0E | F5CA A9 10 | LDA #10 | F632 0D 0A 4C | ORA 4C0A |
| F571 20 D6 F4 | JSR F4D6 | F5CC 8D 4D 02 | STA 024D | F635 4F | @@@ |
| F574 20 68 F4 | JSR F468 | F5CF 4C 8B F5 | JMP F58B | F636 41 44 | EOR (44,X) |
| F577 A9 10 | LDA #10 | F5D2 20 DE F5 | JSR F5DE | F638 49 4E | EOR #4E |
| F579 8D 4D 02 | STA 024D | F5D5 20 ED F0 | JSR F0ED | F63A 47 | @@@ |
| F57C A9 01 | LDA #01 | F5D8 20 00 C9 | JSR C900 | F63B 20 20 20 | JSR 2020 |
| F57E 8D 4E 02 | STA 024E | F5DB 4C 00 C9 | JMP C900 | F63E 22 | @@@ |
| F581 68 | PLA | F5DE AD 40 02 | LDA 0240 | F63F 00 | BRK |
| F582 A8 | TAY | F5E1 C9 44 | CMP #44 | F640 0D 0A 20 | ORA 200A |
| F583 68 | PLA | F5E3 D0 08 | BNE F5ED | F643 20 20 20 | JSR 2020 |
| F584 AA | TAX | F5E5 20 EE F5 | JSR F5EE | F646 20 20 20 | JSR 2020 |
| F585 18 | CLC | F5E8 90 03 | BCC F5ED | F649 20 20 20 | JSR 2020 |
| F586 60 | RTS | F5EA 4C 60 FD | JMP FD60 | F64C 22 | @@@ |
| F587 8A | TXA | F5ED 60 | RTS | F64D 00 | BRK |
| F588 48 | PHA | F5EE 6C 64 02 | JMP (0264) | F64E 0D 0A 0A | ORA 0A0A |

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| F651 52 | @@@ | F6A9 AD 0A 02 | LDA 020A | F6FA AD 5B 02 | LDA 025B |
| F652 45 57 | EOR 57 | F6AC 48 | PHA | F6FD 8D 52 02 | STA 0252 |
| F654 49 4E | EOR #4E | F6AD BD 80 02 | LDA 0280,X | F700 2C 5C 02 | BIT 025C |
| F656 44 | @@@ | F6B0 F0 08 | BEQ F6BA | F703 50 08 | BVC F70D |
| F657 20 54 41 | JSR 4154 | F6B2 20 C6 F6 | JSR F6C6 | F705 A5 E3 | LDA E3 |
| F65A 50 45 | BVC F6A1 | F6B5 B0 0A | BCS F6C1 | F707 8D 53 02 | STA 0253 |
| F65C 00 | BRK | F6B7 E8 | INX | F70A 4C 12 F7 | JMP F712 |
| F65D 0D 0A 0A | ORA 0A0A | F6B8 D0 F3 | BNE F6AD | F70D A5 E2 | LDA E2 |
| F660 4C 4F 41 | JMP 414F | F6BA 68 | PLA | F70F 8D 53 02 | STA 0253 |
| F663 44 | @@@ | F6BB 8D 0A 02 | STA 020A | F712 B1 FE | LDA (FE),Y |
| F664 49 4E | EOR #4E | F6BE 4C C5 00 | JMP 00C5 | F714 A2 08 | LDX #08 |
| F666 47 | @@@ | F6C1 A2 08 | LDX #08 | F716 48 | PHA |
| F667 20 45 52 | JSR 5245 | F6C3 4C 59 C2 | JMP C259 | F717 6A | ROR |
| F66A 52 | @@@ | F6C6 29 7F | AND #7F | F718 90 06 | BCC F720 |
| F66B 4F | @@@ | F6C8 85 FC | STA FC | F71A 20 75 F7 | JSR F775 |
| F66C 52 | @@@ | F6CA C9 20 | CMP #20 | F71D 4C 23 F7 | JMP F723 |
| F66D 0D 0A 0A | ORA 0A0A | F6CC B0 02 | BCS F6D0 | F720 20 79 F7 | JSR F779 |
| F670 00 | BRK | F6CE 38 | SEC | F723 68 | PLA |
| F671 20 7F CB | JSR CB7F | F6CF 60 | RTS | F724 6A | ROR |
| F674 20 70 CB | JSR CB70 | F6D0 8A | TXA | F725 CA | DEX |
| F677 20 E4 D3 | JSR D3E4 | F6D1 48 | PHA | F726 D0 EE | BNE F716 |
| F67A AA | TAX | F6D2 98 | TYA | F728 AD 53 02 | LDA 0253 |
| F67B A0 00 | LDY #00 | F6D3 48 | PHA | F72B 2C 5C 02 | BIT 025C |
| F67D E8 | INX | F6D4 A5 FC | LDA FC | F72E 50 10 | BVC F740 |
| F67E 60 | RTS | F6D6 A8 | TAY | F730 08 | PHP |
| F67F 20 71 F6 | JSR F671 | F6D7 2A | ROL | F731 85 E3 | STA E3 |
| F682 CA | DEX | F6D8 2A | ROL | F733 28 | PLP |
| F683 F0 08 | BEQ F68D | F6D9 2A | ROL | F734 10 05 | BPL F73B |
| F685 B1 6A | LDA (6A),Y | F6DA 2A | ROL | F736 E6 E2 | INC E2 |
| F687 99 80 02 | STA 0280,Y | F6DB 29 03 | AND #03 | F738 4C 4D F7 | JMP F74D |
| F68A C8 | INY | F6DD AA | TAX | F73B C6 E2 | DEC E2 |
| F68B D0 F5 | BNE F682 | F6DE BD 00 02 | LDA 0200,X | F73D 4C 4D F7 | JMP F74D |
| F68D A9 00 | LDA #00 | F6E1 D0 03 | BNE F6E6 | F740 08 | PHP |
| F68F 99 80 02 | STA 0280,Y | F6E3 BD 04 02 | LDA 0204,X | F741 85 E2 | STA E2 |
| F692 20 C5 00 | JSR 00C5 | F6E6 85 FF | STA FF | F743 28 | PLP |
| F695 20 51 F0 | JSR F051 | F6E8 98 | TYA | F744 10 05 | BPL F74B |
| F698 8E 5B 02 | STX 025B | F6E9 0A | ASL | F746 C6 E3 | DEC E3 |
| F69B 20 51 F0 | JSR F051 | F6EA 0A | ASL | F748 4C 4D F7 | JMP F74D |
| F69E 8A | TXA | F6EB 0A | ASL | F74B E6 E3 | INC E3 |
| F69F 29 03 | AND #03 | F6EC 85 FE | STA FE | F74D CE 52 02 | DEC 0252 |
| F6A1 6A | ROR | F6EE A5 E2 | LDA E2 | F750 D0 C0 | BNE F712 |
| F6A2 6A | ROR | F6F0 8D 50 02 | STA 0250 | F752 88 | DEY |
| F6A3 6A | ROR | F6F3 A5 E3 | LDA E3 | F753 10 A5 | BPL F6FA |
| F6A4 8D 5C 02 | STA 025C | F6F5 8D 51 02 | STA 0251 | F755 AD 50 02 | LDA 0250 |
| F6A7 A2 00 | LDX #00 | F6F8 A0 07 | LDY #07 | F758 85 E2 | STA E2 |

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| F75A AD 51 02 | LDA 0251 | F7AB 4F | 000 | F801 4F | 000 |
| F75D 85 E3 | STA E3 | F7AC 56 C5 | LSR C5,X | F802 D4 43 52 D4 | 000 |
| F75F AE 5B 02 | LDX 025B | F7AE 45 58 | EOR 58 | F803 43 | 000 |
| F762 F0 0B | BEQ F76F | F7B0 49 D4 | EOR #D4 | F804 52 | 000 |
| F764 A0 08 | LDY #08 | F7B2 4C 4E CB | JMP CB4E | F805 D4 49 4E D6 | 000 |
| F766 20 91 F7 | JSR F791 | F7B5 4C 45 54 | JMP 5445 | F806 49 4E | EOR #4E |
| F769 88 | DEY | F7B8 54 | 000 | F808 D6 53 | DEC 53,X |
| F76A D0 FA | BNE F766 | F7B9 45 D2 | EOR D2 | F80A 4D 4F 56 | EOR 564F |
| F76C CA | DEX | F7BB 44 | 000 | F80D C5 43 | CMP 43 |
| F76D D0 F5 | BNE F764 | F7BC 4D 45 CD | EOR CD45 | F80F 49 D2 | EOR #D2 |
| F76F 68 | PLA | F7BF 4C 4D 45 | JMP 454D | F811 50 4C | BVC F85F |
| F770 A8 | TAY | F7C2 CD 49 4E | CMP 4E49 | F813 4F | 000 |
| F771 68 | PLA | F7C5 4B | 000 | F814 D4 50 54 D2 | 000 |
| F772 AA | TAX | F7C6 45 D9 | EOR D9 | F815 50 54 | BVC F86B |
| F773 18 | CLC | F7C8 4F | 000 | F817 D2 44 | 000 |
| F774 60 | RTS | F7C9 50 45 | BVC F810 | F818 44 | 000 |
| F775 A9 00 | LDA #00 | F7CB 4E D7 57 | LSR 57D7 | F819 4F | 000 |
| F777 F0 02 | BEQ F77B | F7CE 52 | 000 | F81A 53 | 000 |
| F779 A9 01 | LDA #01 | F7CF 49 54 | EOR #54 | F81B C9 44 | CMP #44 |
| F77B 8D 0A 02 | STA 020A | F7D1 C5 43 | CMP 43 | F81D 4F | 000 |
| F77E 8A | TXA | F7D3 4C 4F 53 | JMP 534F | F81E D3 | 000 |
| F77F 48 | PHA | F7D6 45 D7 | EOR D7 | F81F 43 | 000 |
| F780 AE 5B 02 | LDX 025B | F7D8 4F | 000 | F820 4F | 000 |
| F783 F0 09 | BEQ F78E | F7D9 50 45 | BVC F820 | F821 4D CD 41 | EOR 41CD |
| F785 20 69 FE | JSR FE69 | F7DB 4E C7 43 | LSR 43C7 | F824 54 | 000 |
| F788 20 91 F7 | JSR F791 | F7DE 4C 4F 53 | JMP 534F | F825 45 4F | EOR 4F |
| F78B CA | DEX | F7E1 45 C7 | EOR C7 | F827 C6 54 | DEC 54 |
| F78C D0 F7 | BNE F785 | F7E3 53 | 000 | F829 41 50 | EOR (50,X) |
| F78E 68 | PLA | F7E4 4F | 000 | F82B C5 44 | CMP 44 |
| F78F AA | TAX | F7E5 55 4E | EOR 4E,X | F82D 49 53 | EOR #53 |
| F790 60 | RTS | F7E7 C4 43 | CPY 43 | F82F CB | 000 |
| F791 2C 5C 02 | BIT 025C | F7E9 4C D3 56 | JMP 56D3 | F830 43 | 000 |
| F794 30 05 | BMI F79B | F7EC 44 | 000 | F831 48 | PHA |
| F796 70 0B | BVS F7A3 | F7ED D5 52 | CMP 52,X | F832 41 D2 | EOR (D2,X) |
| F798 E6 E2 | INC E2 | F7EF 41 54 | EOR (54,X) | F834 00 | BRK |
| F79A 60 | RTS | F7F1 C5 43 | CMP 43 | F835 00 | BRK |
| F79B 70 03 | BVS F7A0 | F7F3 55 D2 | EOR D2,X | F836 97 | 000 |
| F79D C6 E2 | DEC E2 | F7F5 54 | 000 | F837 F0 59 | BEQ F892 |
| F79F 60 | RTS | F7F6 47 | 000 | F839 F0 FB | BEQ F836 |
| F7A0 C6 E3 | DEC E3 | F7F7 41 D0 | EOR (D0,X) | F83B FD 8D F9 | SBC F98D,X |
| F7A2 60 | RTS | F7F9 53 | 000 | F83E 7E F6 AE | ROR AEF6,X |
| F7A3 E6 E3 | INC E3 | F7FA 43 | 000 | F841 F9 01 FA | SBC FA01,Y |
| F7A5 60 | RTS | F7FB 52 | 000 | F844 A7 | 000 |
| F7A6 4D 4F 44 | EOR 444F | F7FC 45 45 | EOR 45 | F845 F9 4F FA | SBC FA4F,Y |
| F7A9 C5 4D | CMP 4D | F7FE 4E A4 44 | LSR 44A4 | F848 70 FA | BVS F844 |

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| F84A C5 FA | CMP FA | F892 60 | RTS | F8F1 84 08 | STY 08 |
| F84C DD FA 01 | CMP 01FA,X | F893 E9 80 | SBC #80 | F8F3 88 | DEY |
| F84F FB | @@@ | F895 B0 03 | BCS F89A | F8F4 86 C6 | STX C6 |
| F850 09 FB | ORA #FB | F897 4C 05 C6 | JMP C605 | F8F6 CA | DEX |
| F852 33 | @@@ | F89A C9 46 | CMP #46 | F8F7 C8 | INY |
| F853 FB | @@@ | F89C B0 03 | BCS F8A1 | F8F8 E8 | INX |
| F854 42 | @@@ | F89E 4C 07 C6 | JMP C607 | F8F9 B5 00 | LDA 00,X |
| F855 FB | @@@ | F8A1 E9 46 | SBC #46 | F8FB 38 | SEC |
| F856 81 FB | STA (FB,X) | F8A3 0A | ASL | F8FC F1 FE | SBC (FE),Y |
| F858 A2 FB | LDX #FB | F8A4 A8 | TAY | F8FE F0 F7 | BEQ F8F7 |
| F85A BC FB EA | LDY EAFB,X | F8A5 B9 37 F8 | LDA F837,Y | F900 C9 80 | CMP #80 |
| F85D FB | @@@ | F8A8 48 | PHA | F902 D0 37 | BNE F93B |
| F85E 02 | @@@ | F8A9 B9 36 F8 | LDA F836,Y | F904 05 08 | ORA 08 |
| F85F FC | @@@ | F8AC 48 | PHA | F906 2C 5B 02 | BIT 025B |
| F860 62 | @@@ | F8AD 4C BF 00 | JMP 00BF | F909 10 03 | BPL F90E |
| F861 EF | @@@ | F8B0 20 7A F8 | JSR F87A | F90B 18 | CLC |
| F862 2F | @@@ | F8B3 A9 00 | LDA #00 | F90C 69 46 | ADC #46 |
| F863 FC | @@@ | F8B5 8D 5B 02 | STA 025B | F90E A4 B9 | LDY B9 |
| F864 3F | @@@ | F8B8 20 C5 F8 | JSR F8C5 | F910 E8 | INX |
| F865 FC | @@@ | F8BB 20 85 F8 | JSR F885 | F911 C8 | INY |
| F866 89 | @@@ | F8BE A9 80 | LDA #80 | F912 99 11 00 | STA 0011,Y |
| F867 F0 80 | BEQ F7E9 | F8C0 8D 5B 02 | STA 025B | F915 B9 11 00 | LDA 0011,Y |
| F869 F0 70 | BEQ F8DB | F8C3 E6 C6 | INC C6 | F918 F0 32 | BEQ F94C |
| F86B FB | @@@ | F8C5 A6 C6 | LDX C6 | F91A 38 | SEC |
| F86C C5 FB | CMP FB | F8C7 A0 04 | LDY #04 | F91B E9 3A | SBC #3A |
| F86E CD FB 67 | CMP 67FB | F8C9 84 0C | STY 0C | F91D F0 04 | BEQ F923 |
| F871 FD C5 FD | SBC FDC5,X | F8CB B5 00 | LDA 00,X | F91F C9 49 | CMP #49 |
| F874 53 | @@@ | F8CD 30 41 | BMI F910 | F921 D0 02 | BNE F925 |
| F875 FD 5B FD | SBC FD5B,X | F8CF C9 20 | CMP #20 | F923 85 0C | STA 0C |
| F878 D5 FD | CMP FD,X | F8D1 F0 3D | BEQ F910 | F925 38 | SEC |
| F87A 48 | PHA | F8D3 85 07 | STA 07 | F926 E9 54 | SBC #54 |
| F87B A9 90 | LDA #90 | F8D5 C9 22 | CMP #22 | F928 D0 A1 | BNE F8CB |
| F87D 85 FE | STA FE | F8D7 F0 5B | BEQ F934 | F92A 85 07 | STA 07 |
| F87F A9 C0 | LDA #C0 | F8D9 24 0C | BIT 0C | F92C B5 00 | LDA 00,X |
| F881 85 FF | STA FF | F8DB 70 33 | BVS F910 | F92E F0 E0 | BEQ F910 |
| F883 68 | PLA | F8DD C9 3F | CMP #3F | F930 C5 07 | CMP 07 |
| F884 60 | RTS | F8DF D0 04 | BNE F8E5 | F932 F0 DC | BEQ F910 |
| F885 48 | PHA | F8E1 A9 97 | LDA #97 | F934 C8 | INY |
| F886 A9 A6 | LDA #A6 | F8E3 D0 2B | BNE F910 | F935 99 11 00 | STA 0011,Y |
| F888 85 FE | STA FE | F8E5 C9 30 | CMP #30 | F938 E8 | INX |
| F88A A9 F7 | LDA #F7 | F8E7 90 04 | BCC F8ED | F939 D0 F1 | BNE F92C |
| F88C 85 FF | STA FF | F8E9 C9 3C | CMP #3C | F93B A6 C6 | LDX C6 |
| F88E 68 | PLA | F8EB 90 23 | BCC F910 | F93D E6 08 | INC 08 |
| F88F 60 | RTS | F8ED 84 B9 | STY B9 | F93F B1 FE | LDA (FE),Y |
| F890 D0 01 | BNE F893 | F8EF A0 00 | LDY #00 | F941 10 11 | BPL F954 |

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| F943 C8 | INY | F99D 20 6B CB | JSR CB6B | FA08 68 | PLA |
| F944 B1 FE | LDA (FE),Y | F9A0 20 36 D5 | JSR D536 | FA09 20 22 F3 | JSR F322 |
| F946 D0 B1 | BNE F8F9 | F9A3 A5 14 | LDA 14 | FA0C A0 4F | LDY #4F |
| F948 B5 00 | LDA 00,X | F9A5 A4 15 | LDY 15 | FA0E 20 49 FA | JSR FA49 |
| F94A 10 C2 | BPL F90E | F9A7 60 | RTS | FA11 A5 7B | LDA 7B |
| F94C 99 13 00 | STA 0013,Y | F9A8 A9 00 | LDA #00 | FA13 48 | PHA |
| F94F A9 15 | LDA #15 | F9AA 85 FA | STA FA | FA14 A5 7C | LDA 7C |
| F951 85 C6 | STA C6 | F9AC 4C AD C9 | JMP C9AD | FA16 48 | PHA |
| F953 60 | RTS | F9AF 48 | PHA | FA17 AD 90 02 | LDA 0290 |
| F954 C8 | INY | F9B0 A9 54 | LDA #54 | FA1A 38 | SEC |
| F955 D0 E8 | BNE F93F | F9B2 8D 41 02 | STA 0241 | FA1B E9 01 | SBC #01 |
| F957 38 | SEC | F9B5 68 | PLA | FA1D 85 7B | STA 7B |
| F958 E9 7F | SBC #7F | F9B6 20 22 F3 | JSR F322 | FA1F AD 91 02 | LDA 0291 |
| F95A C9 47 | CMP #47 | F9B9 20 47 F3 | JSR F347 | FA22 E9 00 | SBC #00 |
| F95C B0 03 | BCS F961 | F9BC A9 4F | LDA #4F | FA24 85 7C | STA 7C |
| F95E 4C 41 C5 | JMP C541 | F9BE 8D 84 02 | STA 0284 | FA26 20 C5 00 | JSR 00C5 |
| F961 E9 46 | SBC #46 | F9C1 20 9A F9 | JSR F99A | FA29 F0 0D | BEQ FA38 |
| F963 AA | TAX | F9C4 85 F4 | STA F4 | FA2B 20 9A F9 | JSR F99A |
| F964 84 91 | STY 91 | F9C6 8D 90 02 | STA 0290 | FA2E 38 | SEC |
| F966 A0 FF | LDY #FF | F9C9 84 F5 | STY F5 | FA2F E9 01 | SBC #01 |
| F968 CA | DEX | F9CB 8C 91 02 | STY 0291 | FA31 85 7B | STA 7B |
| F969 F0 08 | BEQ F973 | F9CE 20 9A F9 | JSR F99A | FA33 98 | TYA |
| F96B C8 | INY | F9D1 85 FE | STA FE | FA34 E9 00 | SBC #00 |
| F96C B9 A6 F7 | LDA F7A6,Y | F9D3 8D 92 02 | STA 0292 | FA36 85 7C | STA 7C |
| F96F 10 FA | BPL F96B | F9D6 84 FF | STY FF | FA38 20 6D EE | JSR EE6D |
| F971 30 F5 | BMI F968 | F9D8 8C 93 02 | STY 0293 | FA3B A9 20 | LDA #20 |
| F973 C8 | INY | F9DB A9 00 | LDA #00 | FA3D 8D 40 02 | STA 0240 |
| F974 B9 A6 F7 | LDA F7A6,Y | F9DD 8D 8F 02 | STA 028F | FA40 68 | PLA |
| F977 10 03 | BPL F97C | F9E0 A2 14 | LDX #14 | FA41 85 7C | STA 7C |
| F979 4C 0C C5 | JMP C50C | F9E2 A9 20 | LDA #20 | FA43 68 | PLA |
| F97C 20 6C C9 | JSR C96C | F9E4 9D 80 02 | STA 0280,X | FA44 85 7B | STA 7B |
| F97F 4C 73 F9 | JMP F973 | F9E7 E8 | INX | FA46 4C C5 00 | JMP 00C5 |
| F982 C9 60 | CMP #60 | F9E8 D0 FA | BNE F9E4 | FA49 8A | TXA |
| F984 F0 07 | BEQ F98D | F9EA 8E 4D 02 | STX 024D | FA4A 48 | PHA |
| F986 C9 80 | CMP #80 | F9ED 20 E4 F3 | JSR F3E4 | FA4B 98 | TYA |
| F988 90 02 | BCC F98C | F9F0 AD 4F 02 | LDA 024F | FA4C 48 | PHA |
| F98A 18 | CLC | F9F3 E6 FE | INC FE | FA4D 4C 24 F5 | JMP F524 |
| F98B 60 | RTS | F9F5 E6 FF | INC FF | FA50 20 22 F3 | JSR F322 |
| F98C 38 | SEC | F9F7 20 99 ED | JSR ED99 | FA53 A9 00 | LDA #00 |
| F98D 60 | RTS | F9FA A9 20 | LDA #20 | FA55 8D 4E 02 | STA 024E |
| F98E 20 9D F9 | JSR F99D | F9FC 8D 41 02 | STA 0241 | FA58 A9 80 | LDA #80 |
| F991 20 97 F9 | JSR F997 | F9FF 4C C5 00 | JMP 00C5 | FA5A 8D 5A 02 | STA 025A |
| F994 4C C5 00 | JMP 00C5 | FA02 48 | PHA | FA5D 20 47 F3 | JSR F347 |
| F997 6C 14 00 | JMP (0014) | FA03 A9 54 | LDA #54 | FA60 A9 44 | LDA #44 |
| F99A 20 C5 CC | JSR CCC5 | FA05 8D 40 02 | STA 0240 | FA62 8D 84 02 | STA 0284 |

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| FA65 A9 54 | LDA #54 | FAD3 A9 00 | LDA #00 | FB43 20 C5 00 | JSR 00C5 |
| FA67 8D 41 02 | STA 0241 | FAD5 8D 5A 02 | STA 025A | FB46 F0 17 | BEQ FB5F |
| FA6A 4C C5 00 | JMP 00C5 | FAD8 20 17 F4 | JSR F417 | FB48 20 54 F0 | JSR F054 |
| FA6D A9 00 | LDA #00 | FADB 4C C5 00 | JMP 00C5 | FB4B 86 EC | STX EC |
| FA6F F0 06 | BEQ FA77 | FADE 20 22 F3 | JSR F322 | FB4D 20 51 F0 | JSR F051 |
| FA71 C9 23 | CMP #23 | FAE1 A9 54 | LDA #54 | FB50 86 ED | STX ED |
| FA73 D0 0F | BNE FA84 | FAE3 8D 40 02 | STA 0240 | FB52 20 51 F0 | JSR F051 |
| FA75 A9 80 | LDA #80 | FAE6 A0 44 | LDY #44 | FB55 86 EA | STX EA |
| FA77 A0 00 | LDY #00 | FAE8 20 49 FA | JSR FA49 | FB57 20 51 F0 | JSR F051 |
| FA79 20 42 B0 | JSR B042 | FAEB A9 40 | LDA #40 | FB5A 86 EB | STX EB |
| FA7C A2 1C | LDX #1C | FAED 8D 5A 02 | STA 025A | FB5C 4C C5 00 | JMP 00C5 |
| FA7E 20 06 B0 | JSR B006 | FAF0 4C C5 00 | JMP 00C5 | FB5F 20 64 FB | JSR FB64 |
| FA81 B0 0F | BCS FA92 | FAF3 2C 5A 02 | BIT 025A | FB62 D0 D0 | BNE FB34 |
| FA83 60 | RTS | FAF6 50 9A | BVC FA92 | FB64 A9 00 | LDA #00 |
| FA84 AD 41 02 | LDA 0241 | FAF8 30 98 | BMI FA92 | FB66 85 EC | STA EC |
| FA87 C9 54 | CMP #54 | FAFA 20 87 F5 | JSR F587 | FB68 85 EA | STA EA |
| FA89 D0 07 | BNE FA92 | FAFD C9 1A | CMP #1A | FB6A A9 1F | LDA #1F |
| FA8B 2C 5A 02 | BIT 025A | FAFF F0 01 | BEQ FB02 | FB6C 85 ED | STA ED |
| FA8E 70 02 | BVS FA92 | FB01 60 | RTS | FB6E 85 EB | STA EB |
| FA90 30 08 | BMI FA9A | FB02 A9 00 | LDA #00 | FB70 60 | RTS |
| FA92 20 ED F0 | JSR FOED | FB04 8D 5A 02 | STA 025A | FB71 20 54 F0 | JSR F054 |
| FA95 A2 02 | LDX #02 | FB07 4C D2 F5 | JMP F5D2 | FB74 8A | TXA |
| FA97 4C 59 C2 | JMP C259 | FB0A 20 54 F0 | JSR F054 | FB75 C9 02 | CMP #02 |
| FA9A 20 C5 00 | JSR 00C5 | FB0D 8E 5B 02 | STX 025B | FB77 B0 10 | BCS FB89 |
| FA9D D0 03 | BNE FAA2 | FB10 20 51 F0 | JSR F051 | FB79 18 | CLC |
| FA9F 4C 00 C9 | JMP C900 | FB13 8E 5C 02 | STX 025C | FB7A 6A | ROR |
| FAA2 20 7F CB | JSR CB7F | FB16 AE 5B 02 | LDX 025B | FB7B 6A | ROR |
| FAA5 24 0A | BIT 0A | FB19 A0 00 | LDY #00 | FB7C 8D 10 02 | STA 0210 |
| FAA7 30 06 | BMI FAAF | FB1B F0 0B | BEQ FB28 | FB7F 4C C5 00 | JMP 00C5 |
| FAA9 20 1C DB | JSR DB1C | FB1D AD 00 88 | LDA 8800 | FB82 20 54 F0 | JSR F054 |
| FAAC 20 C5 D1 | JSR D1C5 | FB20 88 | DEY | FB85 E0 04 | CPX #04 |
| FAAF 20 4D C9 | JSR C94D | FB21 D0 05 | BNE FB28 | FB87 90 05 | BCC FB8E |
| FAB2 20 C5 00 | JSR 00C5 | FB23 CE 5C 02 | DEC 025C | FB89 A2 08 | LDX #08 |
| FAB5 F0 E8 | BEQ FA9F | FB26 F0 09 | BEQ FB31 | FB8B 4C 59 C2 | JMP C259 |
| FAB7 C9 2C | CMP #2C | FB28 CA | DEX | FB8E BD 97 FB | LDA FB97,X |
| FAB9 D0 D7 | BNE FA92 | FB29 D0 F5 | BNE FB20 | FB91 8D 13 02 | STA 0213 |
| FABB 20 A0 F3 | JSR F3A0 | FB2B AE 5B 02 | LDX 025B | FB94 4C C5 00 | JMP 00C5 |
| FABE 20 BF 00 | JSR 00BF | FB2E 4C 1D FB | JMP FB1D | FB97 A7 | @@@ |
| FAC1 D0 DF | BNE FAA2 | FB31 4C C5 00 | JMP 00C5 | FB98 53 | @@@ |
| FAC3 4C 00 C9 | JMP C900 | FB34 A9 0C | LDA #0C | FB99 2A | ROL |
| FAC6 2C 5A 02 | BIT 025A | FB36 20 F1 FF | JSR FFF1 | FB9A 15 00 | ORA 00,X |
| FAC9 10 C7 | BPL FA92 | FB39 A9 00 | LDA #00 | FB9C 01 03 | ORA (03,X) |
| FACB A9 1A | LDA #1A | FB3B 85 11 | STA 11 | FB9E 07 | @@@ |
| FACD 20 A0 F3 | JSR F3A0 | FB3D 20 9D E3 | JSR E39D | FB9F 0F | @@@ |
| FAD0 20 A0 F3 | JSR F3A0 | FB40 4C C5 00 | JMP 00C5 | FBA0 1F | @@@ |

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| FBA1 3F | @@@ | FC09 2A | ROL | FC67 B1 14 | LDA (14),Y |
| FBA2 7F | @@@ | FC0A 6A | ROR | FC69 9D A0 02 | STA 02A0,X |
| FBA3 20 54 F0 | JSR F054 | FC0B CA | DEX | FC6C C8 | INY |
| FBA6 8A | TXA | FC0C D0 FC | BNE FCOA | FC6D E8 | INX |
| FBA7 29 1F | AND #1F | FC0E 29 01 | AND #01 | FC6E A9 00 | LDA #00 |
| FBA9 85 11 | STA 11 | FC10 A8 | TAY | FC70 9D A0 02 | STA 02A0,X |
| FBAB 85 E9 | STA E9 | FC11 A9 00 | LDA #00 | FC73 E8 | INX |
| FBAD 20 51 F0 | JSR F051 | FC13 20 D1 D0 | JSR D0D1 | FC74 C0 20 | CPY #20 |
| FBB0 8A | TXA | FC16 4C BF 00 | JMP 00BF | FC76 D0 E8 | BNE FC60 |
| FBB1 29 1F | AND #1F | FC19 20 9F E7 | JSR E79F | FC78 A2 00 | LDX #00 |
| FBB3 85 E8 | STA E8 | FC1C 4C 11 FC | JMP FC11 | FC7A AC 50 02 | LDY 0250 |
| FBB5 18 | CLC | FC1F 20 8C F1 | JSR F18C | FC7D F0 14 | BEQ FC93 |
| FBB6 69 0F | ADC #0F | FC22 20 AE F1 | JSR F1AE | FC7F 18 | CLC |
| FBB8 85 E7 | STA E7 | FC25 C6 E8 | DEC E8 | FC80 7E A0 02 | ROR 02A0,X |
| FBBA 4C 3D FB | JMP FB3D | FC27 20 9D E3 | JSR E39D | FC83 7E A1 02 | ROR 02A1,X |
| FBBD 20 54 F0 | JSR F054 | FC2A 20 92 F1 | JSR F192 | FC86 7E A2 02 | ROR 02A2,X |
| FBC0 8E 4F 02 | STX 024F | FC2D 4C A8 F1 | JMP F1A8 | FC89 88 | DEY |
| FBC3 4C C5 00 | JMP 00C5 | FC30 20 54 F0 | JSR F054 | FC8A D0 F3 | BNE FC7F |
| FBC6 20 00 B0 | JSR B000 | FC33 8A | TXA | FC8C E8 | INX |
| FBC9 90 08 | BCC FBD3 | FC34 D0 06 | BNE FC3C | FC8D E8 | INX |
| FBCB 4C 60 FD | JMP FD60 | FC36 8D 0E 02 | STA 020E | FC8E E8 | INX |
| FBCE 20 12 B0 | JSR B012 | FC39 4C C5 00 | JMP 00C5 | FC8F E0 30 | CPX #30 |
| FBD1 B0 F8 | BCS FBCB | FC3C A9 FF | LDA #FF | FC91 D0 E7 | BNE FC7A |
| FBD3 4C C5 00 | JMP 00C5 | FC3E D0 F6 | BNE FC36 | FC93 A2 2F | LDX #2F |
| FBD6 4C F6 E7 | JMP E7F6 | FC40 20 54 F0 | JSR F054 | FC95 A0 08 | LDY #08 |
| FBD9 20 C5 00 | JSR 00C5 | FC43 8A | TXA | FC97 A9 00 | LDA #00 |
| FBDC C9 D9 | CMP #D9 | FC44 29 03 | AND #03 | FC99 8D 51 02 | STA 0251 |
| FBDE F0 0B | BEQ FBEB | FC46 18 | CLC | FC9C 18 | CLC |
| FBE0 C9 DA | CMP #DA | FC47 6A | ROR | FC9D BD A0 02 | LDA 02A0,X |
| FBE2 F0 1F | BEQ FC03 | FC48 6A | ROR | FCA0 6A | ROR |
| FBE4 C9 DB | CMP #DB | FC49 6A | ROR | FCA1 2E 51 02 | ROL 0251 |
| FBE6 F0 31 | BEQ FC19 | FC4A 8D 5B 02 | STA 025B | FCA4 88 | DEY |
| FBE8 4C 7F CB | JMP CB7F | FC4D 20 9A F9 | JSR F99A | FCA5 D0 F9 | BNE FCA0 |
| FBEB 20 92 F1 | JSR F192 | FC50 20 5A FE | JSR FE5A | FCA7 AD 51 02 | LDA 0251 |
| FBEE 20 8D F2 | JSR F28D | FC53 18 | CLC | FCAA 9D A0 02 | STA 02A0,X |
| FBF1 A9 01 | LDA #01 | FC54 98 | TYA | FCAD CA | DEX |
| FBF3 20 BB D1 | JSR D1BB | FC55 65 E0 | ADC E0 | FCAE 10 E5 | BPL FC95 |
| FBF6 A0 00 | LDY #00 | FC57 85 E0 | STA E0 | FCB0 AE 50 02 | LDX 0250 |
| FBF8 AD 48 02 | LDA 0248 | FC59 8E 50 02 | STX 0250 | FCB3 AD 5B 02 | LDA 025B |
| FBFB 91 AA | STA (AA),Y | FC5C A2 00 | LDX #00 | FCB6 C9 40 | CMP #40 |
| FBFD 20 08 D2 | JSR D208 | FC5E A0 00 | LDY #00 | FCB8 F0 04 | BEQ FCBE |
| FC00 4C BF 00 | JMP 00BF | FC60 B1 14 | LDA (14),Y | FCBA C9 80 | CMP #80 |
| FC03 20 5A FE | JSR FE5A | FC62 9D A0 02 | STA 02A0,X | FCBC D0 5B | BNE FD19 |
| FC06 E8 | INX | FC65 E8 | INX | FCBE BD 9B FB | LDA FB9B,X |
| FC07 B1 E0 | LDA (E0),Y | FC66 C8 | INY | FCC1 8D 51 02 | STA 0251 |

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| FCC4 49 FF | EOR #FF | FD24 1D A0 02 | ORA 02A0,X | FD8C 4C C5 00 | JMP 00C5 |
| FCC6 8D 52 02 | STA 0252 | FD27 70 03 | BVS FD2C | FD8F 90 08 | BCC FD99 |
| FCC9 A2 00 | LDX #00 | FD29 5D A0 02 | EOR 02A0,X | FD91 A2 16 | LDX #16 |
| FCCB A0 00 | LDY #00 | FD2C 91 E0 | STA (E0),Y | FD93 20 06 B0 | JSR B006 |
| FCCD B1 E0 | LDA (E0),Y | FD2E C8 | INY | FD96 B0 C8 | BCS FD60 |
| FCCF 2D 51 02 | AND 0251 | FD2F B1 E0 | LDA (E0),Y | FD98 60 | RTS |
| FCD2 1D A0 02 | ORA 02A0,X | FD31 50 05 | BVC FD38 | FD99 A2 17 | LDX #17 |
| FCD5 2C 5B 02 | BIT 025B | FD33 1D A1 02 | ORA 02A1,X | FD9B D0 F6 | BNE FD93 |
| FCD8 10 02 | BPL FCDC | FD36 70 03 | BVS FD3B | FD9D A2 19 | LDX #19 |
| FCDA 31 E0 | AND (E0),Y | FD38 5D A1 02 | EOR 02A1,X | FD9F D0 F2 | BNE FD93 |
| FCDC 91 E0 | STA (E0),Y | FD3B 91 E0 | STA (E0),Y | FDA1 90 04 | BCC FDA7 |
| FCDE C8 | INY | FD3D C8 | INY | FDA3 A2 1A | LDX #1A |
| FCDF BD A1 02 | LDA 02A1,X | FD3E B1 E0 | LDA (E0),Y | FDA5 D0 EC | BNE FD93 |
| FCE2 2C 5B 02 | BIT 025B | FD40 50 05 | BVC FD47 | FDA7 A2 1B | LDX #1B |
| FCE5 10 05 | BPL FCEC | FD42 1D A2 02 | ORA 02A2,X | FDA9 D0 E8 | BNE FD93 |
| FCE7 B1 E0 | LDA (E0),Y | FD45 70 03 | BVS FD4A | FDAB AD 5C 5E | LDA 5E5C |
| FCE9 3D A1 02 | AND 02A1,X | FD47 5D A2 02 | EOR 02A2,X | FDAE AC 5D 5E | LDY 5E5D |
| FCEC 91 E0 | STA (E0),Y | FD4A 91 E0 | STA (E0),Y | FDB1 20 42 B0 | JSR B042 |
| FCEE C8 | INY | FD4C 20 08 FD | JSR FD08 | FDB4 20 0C B0 | JSR B00C |
| FCEF B1 E0 | LDA (E0),Y | FD4F D0 CA | BNE FD1B | FDB7 B0 A7 | BCS FD60 |
| FCF1 2D 52 02 | AND 0252 | FD51 4C C5 00 | JMP 00C5 | FDB9 A9 00 | LDA #00 |
| FCF4 1D A2 02 | ORA 02A2,X | FD54 A9 54 | LDA #54 | FDBB 8D 5C 5E | STA 5E5C |
| FCF7 2C 5B 02 | BIT 025B | FD56 8D 66 02 | STA 0266 | FDBE 8D 5D 5E | STA 5E5D |
| FCFA 10 02 | BPL FCFE | FD59 4C C5 00 | JMP 00C5 | FDC1 20 ED F0 | JSR F0ED |
| FCFC 31 E0 | AND (E0),Y | FD5C A9 44 | LDA #44 | FDC4 18 | CLC |
| FCFE 91 E0 | STA (E0),Y | FD5E D0 F6 | BNE FD56 | FDC5 60 | RTS |
| FD00 20 08 FD | JSR FD08 | FD60 A9 FF | LDA #FF | FDC6 20 DA C7 | JSR C7DA |
| FD03 D0 C6 | BNE FCCB | FD62 8D 00 5F | STA 5F00 | FDC9 AD 1A 5F | LDA 5F1A |
| FD05 4C C5 00 | JMP 00C5 | FD65 4C 92 FA | JMP FA92 | FDCC 29 01 | AND #01 |
| FD08 18 | CLC | FD68 20 71 F6 | JSR F671 | FDCE D0 03 | BNE FDD3 |
| FD09 A5 E0 | LDA E0 | FD6B CA | DEX | FDD0 4C C5 00 | JMP 00C5 |
| FD0B 69 20 | ADC #20 | FD6C F0 0A | BEQ FD78 | FDD3 4C 17 C7 | JMP C717 |
| FD0D 85 E0 | STA E0 | FD6E B1 6A | LDA (6A),Y | FDD6 20 54 F0 | JSR F054 |
| FD0F 90 02 | BCC FD13 | FD70 99 22 5F | STA 5F22,Y | FDD9 E0 03 | CPX #03 |
| FD11 E6 E1 | INC E1 | FD73 C8 | INY | FDDB 90 03 | BCC FDE0 |
| FD13 E8 | INX | FD74 C0 50 | CPY #50 | FDDD 4C C1 F6 | JMP F6C1 |
| FD14 E8 | INX | FD76 D0 F3 | BNE FD6B | FDE0 8A | TXA |
| FD15 E8 | INX | FD78 A9 00 | LDA #00 | FDE1 48 | PHA |
| FD16 E0 30 | CPX #30 | FD7A 99 22 5F | STA 5F22,Y | FDE2 20 51 F0 | JSR F051 |
| FD18 60 | RTS | FD7D A2 0A | LDX #0A | FDE5 68 | PLA |
| FD19 A2 00 | LDX #00 | FD7F 20 06 B0 | JSR B006 | FDE6 A8 | TAY |
| FD1B A0 00 | LDY #00 | FD82 B0 DC | BCS FD60 | FDE7 E0 00 | CPX #00 |
| FD1D B1 E0 | LDA (E0),Y | FD84 CE 21 5F | DEC 5F21 | FDE9 F0 0B | BEQ FDF6 |
| FD1F 2C 5B 02 | BIT 025B | FD87 20 48 B0 | JSR B048 | FDEB E0 04 | CPX #04 |
| FD22 50 05 | BVC FD29 | FD8A B0 D4 | BCS FD60 | FDED 90 EE | BCC FDDD |

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| FDEF 8A | TXA | FE27 FF | 000 | FE60 A5 E2 | LDA E2 |
| FDF0 99 05 02 | STA 0205,Y | FE28 FF | 000 | FE62 29 07 | AND #07 |
| FDF3 4C C5 00 | JMP 00C5 | FE29 FF | 000 | FE64 AA | TAX |
| FDF6 18 | CLC | FE2A FF | 000 | FE65 BD 52 FE | LDA FE52,X |
| FDF7 98 | TYA | FE2B FF | 000 | FE68 60 | RTS |
| FDF8 69 E0 | ADC #E0 | FE2C FF | 000 | FE69 8A | TXA |
| FDFA D0 F4 | BNE FDF0 | FE2D FF | 000 | FE6A 48 | PHA |
| FDFC A2 FF | LDX #FF | FE2E FF | 000 | FE6B 98 | TYA |
| FDFE 9A | TXS | FE2F FF | 000 | FE6C 48 | PHA |
| FDFE 20 64 FB | JSR FB64 | FE30 FF | 000 | FE6D 20 5A FE | JSR FE5A |
| FE02 4C A3 FF | JMP FFA3 | FE31 FF | 000 | FE70 18 | CLC |
| FE05 FF | 000 | FE32 FF | 000 | FE71 AE 0A 02 | LDX 020A |
| FE06 FF | 000 | FE33 A5 E3 | LDA E3 | FE74 30 06 | BMI FE7C |
| FE07 FF | 000 | FE35 49 FF | EOR #FF | FE76 D0 08 | BNE FE80 |
| FE08 FF | 000 | FE37 AA | TAX | FE78 11 E0 | ORA (E0),Y |
| FE09 FF | 000 | FE38 4A | LSR | FE7A 90 08 | BCC FE84 |
| FE0A FF | 000 | FE39 4A | LSR | FE7C 51 E0 | EOR (E0),Y |
| FE0B FF | 000 | FE3A 4A | LSR | FE7E 90 04 | BCC FE84 |
| FE0C FF | 000 | FE3B 20 8E EE | JSR EE8E | FE80 49 FF | EOR #FF |
| FE0D FF | 000 | FE3E EA | NOP | FE82 31 E0 | AND (E0),Y |
| FE0E FF | 000 | FE3F 8A | TXA | FE84 91 E0 | STA (E0),Y |
| FE0F FF | 000 | FE40 0A | ASL | FE86 68 | PLA |
| FE10 FF | 000 | FE41 0A | ASL | FE87 A8 | TAY |
| FE11 FF | 000 | FE42 0A | ASL | FE88 68 | PLA |
| FE12 FF | 000 | FE43 0A | ASL | FE89 AA | TAX |
| FE13 FF | 000 | FE44 0A | ASL | FE8A 60 | RTS |
| FE14 FF | 000 | FE45 85 E0 | STA E0 | FE8B 8A | TXA |
| FE15 FF | 000 | FE47 60 | RTS | FE8C 48 | PHA |
| FE16 FF | 000 | FE48 FF | 000 | FE8D 98 | TYA |
| FE17 FF | 000 | FE49 FF | 000 | FE8E 48 | PHA |
| FE18 FF | 000 | FE4A FF | 000 | FE8F A2 01 | LDX #01 |
| FE19 FF | 000 | FE4B A5 E2 | LDA E2 | FE91 A5 E4 | LDA E4 |
| FE1A FF | 000 | FE4D 4A | LSR | FE93 38 | SEC |
| FE1B FF | 000 | FE4E 4A | LSR | FE94 E5 E2 | SBC E2 |
| FE1C FF | 000 | FE4F 4A | LSR | FE96 B0 06 | BCS FE9E |
| FE1D FF | 000 | FE50 A8 | TAY | FE98 A2 FF | LDX #FF |
| FE1E FF | 000 | FE51 60 | RTS | FE9A 49 FF | EOR #FF |
| FE1F FF | 000 | FE52 01 02 | ORA (02,X) | FE9C 69 01 | ADC #01 |
| FE20 FF | 000 | FE54 04 | 000 | FE9E 85 F4 | STA F4 |
| FE21 FF | 000 | FE55 08 | PHP | FEA0 85 F8 | STA F8 |
| FE22 FF | 000 | FE56 10 20 | BPL FE78 | FEA2 4A | LSR |
| FE23 FF | 000 | FE58 40 | RTI | FEA3 69 00 | ADC #00 |
| FE24 FF | 000 | FE59 80 | 000 | FEA5 85 F7 | STA F7 |
| FE25 FF | 000 | FE5A 20 33 FE | JSR FE33 | FEA7 A0 01 | LDY #01 |
| FE26 FF | 000 | FE5D 20 4B FE | JSR FE4B | FEA9 A5 E5 | LDA E5 |

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| FEAB 38 | SEC | FEFB A5 E3 | LDA E3 | FF48 18 | CLC |
| FEAC E5 E3 | SBC E3 | FEFD C5 E5 | CMP E5 | FF49 65 E4 | ADC E4 |
| FEAE B0 06 | BCS FEB6 | FEFF D0 C5 | BNE FEC6 | FF4B 85 E2 | STA E2 |
| FEB0 A0 FF | LDY #FF | FF01 68 | PLA | FF4D EA | NOP |
| FEB2 49 FF | EOR #FF | FF02 A8 | TAY | FF4E EA | NOP |
| FEB4 69 01 | ADC #01 | FF03 68 | PLA | FF4F EA | NOP |
| FEB6 85 F6 | STA F6 | FF04 AA | TAX | FF50 EA | NOP |
| FEB8 C5 F4 | CMP F4 | FF05 60 | RTS | FF51 A5 F7 | LDA F7 |
| FEBA B0 02 | BCS FEBE | FF06 8A | TXA | FF53 18 | CLC |
| FEBC 85 F8 | STA F8 | FF07 48 | PHA | FF54 65 E5 | ADC E5 |
| FEBE 4A | LSR | FF08 98 | TYA | FF56 EA | NOP |
| FEBF 69 00 | ADC #00 | FF09 48 | PHA | FF57 EA | NOP |
| FEC1 85 F5 | STA F5 | FF0A A5 E2 | LDA E2 | FF58 EA | NOP |
| FEC3 18 | CLC | FF0C 85 E4 | STA E4 | FF59 EA | NOP |
| FEC4 90 2C | BCC FEF2 | FF0E A5 E3 | LDA E3 | FF5A 85 E3 | STA E3 |
| FEC6 A5 F5 | LDA F5 | FF10 85 E5 | STA E5 | FF5C 20 69 FE | JSR FE69 |
| FEC8 38 | SEC | FF12 A9 00 | LDA #00 | FF5F 88 | DEY |
| FEC9 E5 F8 | SBC F8 | FF14 85 F6 | STA F6 | FF60 D0 C2 | BNE FF24 |
| FECB 85 F5 | STA F5 | FF16 85 F7 | STA F7 | FF62 CA | DEX |
| FECD 90 03 | BCC FED2 | FF18 A9 7F | LDA #7F | FF63 D0 BF | BNE FF24 |
| FECF D0 0B | BNE FEDC | FF1A 85 F4 | STA F4 | FF65 A5 E4 | LDA E4 |
| FED1 18 | CLC | FF1C A5 F8 | LDA F8 | FF67 85 E2 | STA E2 |
| FED2 65 F6 | ADC F6 | FF1E 85 F5 | STA F5 | FF69 A5 E5 | LDA E5 |
| FED4 85 F5 | STA F5 | FF20 A2 04 | LDX #04 | FF6B 85 E3 | STA E3 |
| FED6 8A | TXA | FF22 A0 24 | LDY #24 | FF6D 68 | PLA |
| FED7 18 | CLC | FF24 A5 F7 | LDA F7 | FF6E A8 | TAY |
| FED8 65 E2 | ADC E2 | FF26 0A | ASL | FF6F 68 | PLA |
| FEDA 85 E2 | STA E2 | FF27 90 03 | BCC FF2C | FF70 AA | TAX |
| FEDC A5 F7 | LDA F7 | FF29 E6 F5 | INC F5 | FF71 60 | RTS |
| FEDE 38 | SEC | FF2B 18 | CLC | FF72 48 | PHA |
| FEDF E5 F8 | SBC F8 | FF2C E5 F4 | SBC F4 | FF73 8A | TXA |
| FEE1 85 F7 | STA F7 | FF2E 49 FF | EOR #FF | FF74 48 | PHA |
| FEE3 90 03 | BCC FEE8 | FF30 85 F4 | STA F4 | FF75 98 | TYA |
| FEE5 D0 0B | BNE FEF2 | FF32 90 02 | BCC FF36 | FF76 48 | PHA |
| FEE7 18 | CLC | FF34 C6 F5 | DEC F5 | FF77 D8 | CLD |
| FEE8 65 F4 | ADC F4 | FF36 A5 F5 | LDA F5 | FF78 BA | TSX |
| FEEA 85 F7 | STA F7 | FF38 0A | ASL | FF79 BD 04 01 | LDA 0104,X |
| FEED 98 | TYA | FF39 90 03 | BCC FF3E | FF7C 29 10 | AND #10 |
| FEED 18 | CLC | FF3B C6 F7 | DEC F7 | FF7E D0 06 | BNE FF86 |
| EEEE 65 E3 | ADC E3 | FF3D 18 | CLC | FF80 6C 1E 02 | JMP (021E) |
| FEF0 85 E3 | STA E3 | FF3E 65 F6 | ADC F6 | FF83 6C 20 02 | JMP (0220) |
| FEF2 20 69 FE | JSR FE69 | FF40 85 F6 | STA F6 | FF86 6C 22 02 | JMP (0222) |
| FEF5 A5 E2 | LDA E2 | FF42 90 02 | BCC FF46 | FF89 78 | SEI |
| FEF7 C5 E4 | CMP E4 | FF44 E6 F7 | INC F7 | FF8A D8 | CLD |
| FEF9 D0 CB | BNE FEC6 | FF46 A5 F5 | LDA F5 | FF8B A2 FF | LDX #FF |

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| FF8D 9A | TXS | FFE8 6C FE 00 | JMP (00FE) |
| FF8E A2 0F | LDX #0F | FFEB 6C 14 02 | JMP (0214) |
| FF90 BD 8C E6 | LDA E68C,X | FFEE 6C 16 02 | JMP (0216) |
| FF93 95 E0 | STA EO,X | FFF1 6C 18 02 | JMP (0218) |
| FF95 CA | DEX | FFF4 6C 1A 02 | JMP (021A) |
| FF96 10 F8 | BPL FF90 | FFF7 6C 1C 02 | JMP (021C) |
| FF98 20 B0 EE | JSR EEB0 | FFFA 83 | @@@ |
| FF9B A9 0C | LDA #0C | FFFB FF | @@@ |
| FF9D 20 F1 FF | JSR FFF1 | FFFC 89 | @@@ |
| FFA0 EA | NOP | FFFD FF | @@@ |
| FFA1 EA | NOP | FFFE 72 | @@@ |
| FFA2 EA | NOP | FFFF FF | @@@ |
| FFA3 A0 84 | LDY #84 | | |
| FFA5 A9 E6 | LDA #E6 | | |
| FFA7 20 3B E6 | JSR E63B | | |
| FFAA 20 57 E6 | JSR E657 | | |
| FFAD A2 00 | LDX #00 | | |
| FFAF 20 33 E6 | JSR E633 | | |
| FFB2 E8 | INX | | |
| FFB3 C9 0D | CMP #0D | | |
| FFB5 F0 EC | BEQ FFA3 | | |
| FFB7 A0 FF | LDY #FF | | |
| FFB9 C8 | INY | | |
| FFBA B9 00 E7 | LDA E700,Y | | |
| FFBD C9 FF | CMP #FF | | |
| FFBF F0 17 | BEQ FFD8 | | |
| FFC1 DD 7F 02 | CMP 027F,X | | |
| FFC4 D0 F3 | BNE FFB9 | | |
| FFC6 98 | TYA | | |
| FFC7 0A | ASL | | |
| FFC8 A8 | TAY | | |
| FFC9 B9 C8 E6 | LDA E6C8,Y | | |
| FFCC 85 F6 | STA F6 | | |
| FFCE B9 C9 E6 | LDA E6C9,Y | | |
| FFD1 85 F7 | STA F7 | | |
| FFD3 20 0B E9 | JSR E90B | | |
| FFD6 90 CB | BCC FFA3 | | |
| FFD8 20 F4 E4 | JSR E4F4 | | |
| FFDB 20 F6 E7 | JSR E7F6 | | |
| FFDE A9 3F | LDA #3F | | |
| FFE0 20 F1 FF | JSR FFF1 | | |
| FFE3 38 | SEC | | |
| FFE4 B0 BD | BCS FFA3 | | |
| FFE6 FF | @@@ | | |
| FFE7 FF | @@@ | | |