```
                        //
                        // ROM
                        // RAM:0000-RAM:07ff
                        //

                      ↗ PORTA                                  XREF[7]:    RESET:00ea(R),
                                                                           ProcessData:014d(R),
                                                                           ProcessData:0157(R),
                                                                           caseD_10:01b7(R),
                                                                           caseD_6c:0213(R),
                                                                           WaitForData:0268(R),
                                                                           WaitForData:0297(R)
        0000 00            db           0h                                     Port A is READ (Input) ONLY

                      ↗ PORTB                                  XREF[4]:    FUN_023c:023e(W),
                                                                           WaitForData:0260(W),
                                                                           FUN_05d2:05ec(W),
                                                                           FUN_05fc:05fc(W)
        0001 ff           db           FFh

                        Port C on P3 has only low 4 bits available. Bit 4-7 is always…
                      ↗ PORTC                                  XREF[15]:   RESET:00e8(RW),
                                                                           ProcessData:014b(RW),
                                                                           FUN_023c:023c(RW),
                                                                           FUN_023c:0240(RW),
                                                                           WaitForData:0276(RW),
                                                                           WaitForData:0278(RW),
                                                                           WaitForData:027a(RW),
                                                                           WaitForData:0299(RW),
                                                                           WaitForData:029b(RW),
                                                                           FUN_05d2:05ee(RW),
                                                                           FUN_05d2:05f0(RW),
                                                                           FUN_05fc:05fe(RW),
                                                                           FUN_05fc:0600(RW),
                                                                           FUN_05fc:0602(RW),
                                                                           FUN_05fc:0604(RW)
        0002 ff           db           FFh

                        Not_Used
        0003 ff           db           FFh

                        DATA DIRECTION REGISTER (DDR)

                        * Write Only; reads as all 1s
                        * 1 = Output;, 0= Input. Cleared to 0 by Reset.
                      ↗ DDRA                                   XREF[1]:    RESET:00de(W)
        0004 ff           db           FFh

                      ↗ DDRB                                   XREF[1]:    RESET:00d8(W)
        0005 ff           db           FFh

                        Port C on P3 has only low 4 bits available. DDR Bit 4-7 is al…
                      ↗ DDRC                                   XREF[1]:    RESET:00da(W)
        0006 ff           db           FFh
        0007 ff           db           FFh

                        Timer_Data_Reg                         XREF[3]:    RESET:0100(W),
                                                                           ProcessData:017b(R),
                                                                           WaitForData:0264(W)
        0008 ff           db           FFh

                        Timer_Control_Reg                      XREF[1]:    RESET:00e2(W)
        0009 ff           db           FFh

                        NOT_USED_0x0A
        000a ff           db           FFh

                      ↗ Programming_Control_Reg
        000b ff           db           FFh
        000c ff           ??           FFh
        000d ff           ??           FFh
        000e ff           ??           FFh
        000f ff           ??           FFh

                        0x010 - 0x7F : RAM (112 bytes). Stack (31 bytes maximum growi…
                        DAT_0010                               XREF[1]:    FUN_011f:012b(RW)
        0010 ff           ??           FFh

                        DAT_0011                               XREF[3]:    FUN_011f:012f(RW),
                                                                           FUN_011f:013d(W),
                                                                           ProcessData:018b(W)
        0011 ff           ??           FFh
```

```
                    DAT_0012                          XREF[8]:   RESET:00fe(W), FUN_011f:011f(R),
                                                                 FUN_011f:0125(W),
                                                                 ProcessData:014f(R),
                                                                 ProcessData:0160(R),
                                                                 ProcessData:016c(R),
                                                                 ProcessData:0175(R),
                                                                 caseD_34:01db(R)
        0012 ff              ??        FFh

                    DAT_0013                          XREF[2]:   FUN_011f:0129(W),
                                                                 ProcessData:0153(RW)
        0013 ff              ??        FFh

                    DAT_0014                          XREF[25]:  RESET:00e6(W), RESET:00ed(RW),
                                                                 RESET:00f1(RW), RESET:00f3(R),
                                                                 FUN_011f:0133(RW),
                                                                 ProcessData:0145(RW),
                                                                 ProcessData:0149(RW),
                                                                 ProcessData:0171(R),
                                                                 ProcessData:0173(W),
                                                                 ProcessData:0181(RW),
                                                                 ProcessData:0185(RW),
                                                                 ProcessData:018f(R),
                                                                 FUN_01c0:01c6(R),
                                                                 caseD_2a:01d1(R),
                                                                 caseD_5e:0208(R),
                                                                 caseD_5e:020b(RW),
                                                                 caseD_5e:020f(RW),
                                                                 caseD_6c:0222(R),
                                                                 caseD_6c:0225(RW),
                                                                 FUN_0238:0238(R), [more]
        0014 ff              ??        FFh

                    DAT_0015                          XREF[5]:   FUN_011f:0123(W),
                                                                 ProcessData:0159(R),
                                                                 ProcessData:0177(W),
                                                                 caseD_5e:0205(R),
                                                                 caseD_6c:021f(R)
        0015 ff              ??        FFh

                    DAT_0016                          XREF[2]:   ProcessData:0168(W),
                                                                 ProcessData:0195(R)
        0016 ff              ??        FFh

                    DAT_0017                          XREF[2]:   ProcessData:015b(W),
                                                                 ProcessData:015d(R)
        0017 ff              ??        FFh

                    DAT_0018                          XREF[4]:   RESET:00fc(W),
                                                                 WaitForData:02e0(R),
                                                                 WaitForData:02e4(W),
                                                                 WaitForData:0327(R)
        0018 ff              ??        FFh

                    DAT_0019                          XREF[11]:  FUN_011f:0135(R),
                                                                 WaitForData:02de(R),
                                                                 WaitForData:02ef(W),
                                                                 WaitForData:033f(RW),
                                                                 WaitForData:034b(RW),
                                                                 WaitForData:03b0(RW),
                                                                 WaitForData:03b2(R),
                                                                 FUN_03cf:03eb(RW),
                                                                 FUN_03f4:03f9(R),
                                                                 FUN_041d:041f(W),
                                                                 FUN_041d:0507(RW)
        0019 ff              ??        FFh

                    DAT_001a                          XREF[4]:   WaitForData:0274(W),
                                                                 WaitForData:02c0(RW),
                                                                 WaitForData:02c2(R),
                                                                 WaitForData:02ca(W)
        001a ff              ??        FFh
```

```
                        DAT_001b                               XREF[21]:   WaitForData:02f5(W),
                                                                           WaitForData:0316(W),
                                                                           FUN_041d:0436(R),
                                                                           FUN_041d:043e(R),
                                                                           FUN_041d:0446(R),
                                                                           FUN_041d:044e(R),
                                                                           FUN_041d:0473(W),
                                                                           FUN_041d:0496(R),
                                                                           FUN_041d:049e(R),
                                                                           FUN_041d:04b6(W),
                                                                           FUN_041d:04bf(R),
                                                                           FUN_041d:04ce(R),
                                                                           FUN_041d:056e(W),
                                                                           FUN_057c:057c(R),
                                                                           FUN_057c:058a(R),
                                                                           FUN_0597:05a2(R),
                                                                           FUN_0597:05bb(R),
                                                                           FUN_0623:0626(W),
                                                                           FUN_0623:0628(RW),
                                                                           FUN_0623:062f(R), [more]
        001b ff            ??         FFh

                        DAT_001c                               XREF[11]:   WaitForData:02fa(W),
                                                                           WaitForData:0320(W),
                                                                           FUN_041d:042e(R),
                                                                           FUN_041d:0456(R),
                                                                           FUN_041d:045e(R),
                                                                           FUN_041d:0466(R),
                                                                           FUN_041d:0478(W),
                                                                           FUN_041d:048e(R),
                                                                           FUN_041d:04a6(R),
                                                                           FUN_041d:04bb(W),
                                                                           FUN_0641:064c(R)
        001c ff            ??         FFh

                        DAT_001d                               XREF[9]:    WaitForData:02ff(W),
                                                                           WaitForData:030a(R),
                                                                           FUN_0641:0645(W),
                                                                           FUN_0641:065c(W),
                                                                           FUN_0641:065e(R),
                                                                           FUN_0641:067f(RW),
                                                                           FUN_0641:0681(R),
                                                                           FUN_0641:0689(W),
                                                                           FUN_0641:068d(R)
        001d ff            ??         FFh

                        DAT_001e                               XREF[9]:    caseD_a4:024d(W),
                                                                           caseD_a4:0259(RW),
                                                                           WaitForData:027e(W),
                                                                           WaitForData:028a(RW),
                                                                           FUN_03cf:03d3(W),
                                                                           FUN_03cf:03d9(RW),
                                                                           FUN_041d:0423(W),
                                                                           FUN_041d:047a(RW),
                                                                           FUN_041d:0481(R)
        001e ff            ??         FFh

                        DAT_001f                               XREF[20]:   WaitForData:030c(W),
                                                                           WaitForData:0311(R),
                                                                           WaitForData:0369(W),
                                                                           WaitForData:036d(R),
                                                                           FUN_03cf:03cf(W),
                                                                           FUN_03cf:03de(R),
                                                                           FUN_041d:042a(W),
                                                                           FUN_041d:046e(R),
                                                                           FUN_041d:04e9(W),
                                                                           FUN_041d:04f3(R),
                                                                           FUN_041d:050c(R),
                                                                           FUN_041d:0516(R),
                                                                           FUN_041d:0528(R),
                                                                           FUN_041d:0533(R),
                                                                           FUN_041d:053d(R),
                                                                           FUN_041d:054c(R),
                                                                           FUN_041d:0556(R),
                                                                           FUN_0623:0624(W),
                                                                           FUN_0641:0641(W),
                                                                           FUN_0641:068b(R)
        001f ff            ??         FFh
```

```
                    DAT_0020                          XREF[6]:   ProcessData:0142(R),
                                                                 caseD_2a:01d4(R),
                                                                 WaitForData:029d(W),
                                                                 WaitForData:02a5(R),
                                                                 WaitForData:02ae(R),
                                                                 WaitForData:02b7(R)
       0020 ff              ??         FFh

                    DAT_0021                          XREF[4]:   WaitForData:029f(RW),
                                                                 WaitForData:02a8(RW),
                                                                 WaitForData:02ac(RW),
                                                                 WaitForData:02cd(R)
       0021 ff              ??         FFh

                    DAT_0022                          XREF[4]:   WaitForData:02a1(RW),
                                                                 WaitForData:02b1(RW),
                                                                 WaitForData:02b5(RW),
                                                                 WaitForData:02d1(R)
       0022 ff              ??         FFh

                    DAT_0023                          XREF[4]:   WaitForData:02a3(RW),
                                                                 WaitForData:02ba(RW),
                                                                 WaitForData:02be(RW),
                                                                 WaitForData:02d5(R)
       0023 ff              ??         FFh

                    DAT_0024                          XREF[6]:   FUN_03cf:03d7(W),
                                                                 FUN_0597:0597(RW),
                                                                 FUN_0597:0599(R),
                                                                 FUN_0597:05b0(RW),
                                                                 FUN_0597:05b2(R),
                                                                 FUN_05c8:05cf(W)
       0024 ff              ??         FFh

                    DAT_0025                          XREF[5]:   WaitForData:030f(W),
                                                                 WaitForData:035d(R),
                                                                 WaitForData:0393(R),
                                                                 WaitForData:03b5(R),
                                                                 FUN_03f4:03fe(R)
       0025 ff          undefined1 FFh

                    DAT_0026                          XREF[3]:   WaitForData:030f(W),
                                                                 WaitForData:0393(R),
                                                                 FUN_03f4:03fe(R)
       0026 ff          undefined1 FFh

                    DAT_0027                          XREF[3]:   WaitForData:032c(R),
                                                                 WaitForData:034d(R),
                                                                 WaitForData:0386(R)
       0027 ff          undefined1 FFh

                    DAT_0028                          XREF[2]:   WaitForData:032c(R),
                                                                 WaitForData:034d(R)
       0028 ff          undefined1 FFh

                    DAT_0029                          XREF[1]:   WaitForData:0395(W)
       0029 ff          undefined1 FFh

                    DAT_002a                          XREF[2]:   WaitForData:035f(R),
                                                                 WaitForData:0395(W)
       002a ff          undefined1 FFh

                    DAT_002b                          XREF[3]:   WaitForData:032e(W),
                                                                 WaitForData:034f(R),
                                                                 WaitForData:035f(R)
       002b ff          undefined1 FFh

                    DAT_002c                          XREF[2]:   WaitForData:032e(W),
                                                                 WaitForData:034f(R)
       002c ff          undefined1 FFh

                    DAT_002d                          XREF[1]:   WaitForData:02f3(R)
       002d ff          undefined1 FFh

                    DAT_002e                          XREF[2]:   WaitForData:02cf(W),
                                                                 WaitForData:02f8(R)
       002e ff          undefined1 FFh

                    DAT_002f                          XREF[1]:   WaitForData:0314(R)
       002f ff          undefined1 FFh

                    DAT_0030                          XREF[1]:   WaitForData:031e(R)
       0030 ff          undefined1 FFh
       0031 ff              ??         FFh
```

```
0032 ff              ??          FFh
0033 ff              ??          FFh


        DAT_0034                              XREF[1]:    WaitForData:02cf(W)
0034 ff          undefined1 FFh


        DAT_0035                              XREF[8]:    FUN_041d:04eb(R),
                                                          FUN_041d:04f5(R),
                                                          FUN_041d:050e(R),
                                                          FUN_041d:0518(R),
                                                          FUN_041d:0535(R),
                                                          FUN_041d:053f(R),
                                                          FUN_041d:054e(R),
                                                          FUN_041d:0558(R)
0035 ff          undefined1 FFh


        DAT_0036                              XREF[1]:    WaitForData:02d3(W)
0036 ff          undefined1 FFh


        DAT_0037                              XREF[1]:    FUN_041d:054e(R)
0037 ff          undefined1 FFh


        DAT_0038                              XREF[3]:    FUN_041d:04db(R),
                                                          FUN_041d:04fd(R),
                                                          FUN_041d:0520(R)
0038 ff              ??          FFh
0039 ff              ??          FFh


        DAT_003a                              XREF[3]:    WaitForData:0341(R),
                                                          WaitForData:0356(R),
                                                          WaitForData:039d(R)
003a ff              ??          FFh
003b ff              ??          FFh


        DAT_003c                              XREF[2]:    WaitForData:02d3(W),
                                                          FUN_041d:0502(R)
003c ff          undefined1 FFh


        DAT_003d                              XREF[1]:    FUN_041d:056c(R)
003d ff          undefined1 FFh


        DAT_003e                              XREF[2]:    WaitForData:02d7(W),
                                                          FUN_041d:056c(R)
003e ff          undefined1 FFh
003f ff              ??          FFh
0040 ff              ??          FFh
0041 ff              ??          FFh
0042 ff              ??          FFh
0043 ff              ??          FFh


        DAT_0044                              XREF[1]:    WaitForData:02d7(W)
0044 ff          undefined1 FFh


        DAT_0045                              XREF[4]:    RESET:00fa(W),
                                                          WaitForData:033d(W),
                                                          WaitForData:03a4(W),
                                                          WaitForData:03ab(R)
0045 ff              ??          FFh


        DAT_0046                              XREF[6]:    FUN_0690:0698(W),
                                                          FUN_0690:06a2(W),
                                                          FUN_0690:06a8(W),
                                                          FUN_06b0:06b0(W),
                                                          FUN_06b0:06b4(RW),
                                                          FUN_06b0:06b6(R)
0046 ff              ??          FFh


        DAT_0047                              XREF[7]:    WaitForData:02eb(W),
                                                          WaitForData:0339(W),
                                                          WaitForData:0370(R),
                                                          WaitForData:0378(W),
                                                          WaitForData:037f(RW),
                                                          FUN_0690:0696(R),
                                                          FUN_0690:06a6(R)
0047 ff              ??          FFh


        DAT_0048                              XREF[3]:    FUN_05d2:05d4(R),
                                                          FUN_05d2:05f2(RW),
                                                          FUN_06b0:06b2(W)
0048 ff              ??          FFh


        DAT_0049                              XREF[2]:    FUN_05d2:05d2(W),
                                                          FUN_05d2:05ea(R)
0049 ff              ??          FFh
004a ff              ??          FFh
```

```
004b ff              ??        FFh


        DAT_004c                                          XREF[3]:    caseD_a4:0251(W),
                                                                      WaitForData:027c(R),
                                                                      WaitForData:0290(W)

004c ff              ??        FFh
004d ff              ??        FFh
004e ff              ??        FFh
004f ff              ??        FFh
0050 ff              ??        FFh
0051 ff              ??        FFh
0052 ff              ??        FFh
0053 ff              ??        FFh
0054 ff              ??        FFh
0055 ff              ??        FFh
0056 ff              ??        FFh
0057 ff              ??        FFh
0058 ff              ??        FFh
0059 ff              ??        FFh
005a ff              ??        FFh
005b ff              ??        FFh
005c ff              ??        FFh
005d ff              ??        FFh
005e ff              ??        FFh
005f ff              ??        FFh
0060 ff              ??        FFh
0061 ff              ??        FFh
0062 ff              ??        FFh
0063 ff              ??        FFh
0064 ff              ??        FFh
0065 ff              ??        FFh
0066 ff              ??        FFh
0067 ff              ??        FFh
0068 ff              ??        FFh
0069 ff              ??        FFh
006a ff              ??        FFh
006b ff              ??        FFh
006c ff              ??        FFh
006d ff              ??        FFh
006e ff              ??        FFh
006f ff              ??        FFh
0070 ff              ??        FFh
0071 ff              ??        FFh
0072 ff              ??        FFh
0073 ff              ??        FFh
0074 ff              ??        FFh
0075 ff              ??        FFh
0076 ff              ??        FFh
0077 ff              ??        FFh
0078 ff              ??        FFh
0079 ff              ??        FFh
007a ff              ??        FFh
007b ff              ??        FFh
007c ff              ??        FFh
007d ff              ??        FFh
007e ff              ??        FFh
007f ff              ??        FFh                                    STACK START (Growing down max 31...


        DAT_0080                                          XREF[1]:    ProcessData:0194(R)
0080 01              undefined1 01h
0081 01              ??        01h
0082 02              ??        02h
0083 00              ??        00h
0084 10              ??        10h
0085 05              ??        05h
0086 20              ??        20h
0087 06              ??        06h
0088 05              ??        05h
0089 07              ??        07h
008a ff              ??        FFh


        DAT_008b                                          XREF[1]:    ProcessData:0194(R)
008b 01              undefined1 01h


        DAT_008c                                          XREF[1]:    ProcessData:01a2(R)
008c 01              undefined1 01h


        DAT_008d                                          XREF[1]:    ProcessData:0194(R)
008d 02              undefined1 02h
008e 02              ??        02h
008f 04              ??        04h
0090 03              ??        03h
0091 08              ??        08h
0092 04              ??        04h
0093 10              ??        10h
```

```
0094 05              ??        05h
0095 20              ??        20h
0096 06              ??        06h
0097 ff              ??        FFh
0098 4f              char      'O'
0099 4e              char      'N'
009a 20              char      ' '
009b 22              char      '"'
009c 4f              char      'O'
009d 46              char      'F'
009e 46              char      'F'
009f 22              char      '"'
00a0 44              char      'D'
00a1 41              char      'A'
00a2 59              char      'Y'
00a3 3a              char      ':'
00a4 22              char      '"'
00a5 20              char      ' '
00a6 20              char      ' '
00a7 54              char      'T'
00a8 49              char      'I'
00a9 4d              char      'M'
00aa 45              char      'E'
00ab 3a              char      ':'
00ac 22              char      '"'
00ad 20              char      ' '
00ae 20              char      ' '
00af 20              char      ' '
00b0 55              char      'U'
00b1 54              char      'T'
00b2 43              char      'C'
00b3 3a              char      ':'
00b4 22              char      '"'
00b5 41              char      'A'
00b6 44              char      'D'
00b7 44              char      'D'
00b8 52              char      'R'
00b9 45              char      'E'
00ba 53              char      'S'
00bb 53              char      'S'
00bc 3a              char      ':'
00bd 22              char      '"'
00be 50              char      'P'
00bf 20              char      ' '
00c0 43              char      'C'
00c1 4f              char      'O'
00c2 55              char      'U'
00c3 4e              char      'N'
00c4 54              char      'T'
00c5 3a              char      ':'
00c6 22              char      '"'
00c7 59              char      'Y'
00c8 45              char      'E'
00c9 41              char      'A'
00ca 52              char      'R'
00cb 3a              char      ':'
00cc 22              char      '"'
00cd 20              char      ' '
00ce 20              char      ' '
00cf 4d              char      'M'
00d0 4f              char      'O'
00d1 4e              char      'N'
00d2 54              char      'T'
00d3 48              char      'H'
00d4 3a              char      ':'
00d5 22              char      '"'


            *************************************************************
            *                      FUNCTION                            *
            *************************************************************
            undefined RESET()
undefined         A:1              <RETURN>
            RESET                                    XREF[4]:    07f8(*), 07fa(*), 07fc(*),
                                                                07fe(*)
00d6 a6 ff           LDA       #0xff
00d8 b7 05           STA       DDRB                            = FFh
00da b7 06           STA       DDRC                            = FFh
00dc a6 00           LDA       #0x0
00de b7 04           STA       DDRA                            = FFh
00e0 a6 78           LDA       #0x78
00e2 b7 09           STA       Timer_Control_Reg               = FFh
00e4 a6 60           LDA       #0x60
00e6 b7 14           STA       DAT_0014                        = FFh
00e8 12 02           BSET      0x1,PORTC                       = FFh
00ea 06 00 04        BRSET     0x3,PORTA,LAB_00f1
```

```
00ed 1f 14          BCLR     0x7,DAT_0014                              = FFh
00ef 20 02          BRA      LAB_00f3


                    LAB_00f1                          XREF[1]:     00ea(j)
00f1 1e 14          BSET     0x7,DAT_0014                              = FFh


                    LAB_00f3                          XREF[1]:     00ef(j)
00f3 b6 14          LDA      DAT_0014                                  = FFh
00f5 cd 02 3c       JSR      FUN_023c                                  undefined FUN_023c()
00f8 a6 00          LDA      #0x0
00fa b7 45          STA      DAT_0045                                  = FFh
00fc b7 18          STA      DAT_0018                                  = FFh
00fe b7 12          STA      DAT_0012                                  = FFh
0100 b7 08          STA      Timer_Data_Reg                            = FFh
0102 cd 02 4b       JSR      switchD_01a4::caseD_a4                    undefined caseD_a4()
0105 a6 38          LDA      #0x38
0107 cd 05 fc       JSR      FUN_05fc                                  undefined FUN_05fc()
010a a6 0c          LDA      #0xc
010c cd 05 fc       JSR      FUN_05fc                                  undefined FUN_05fc()
010f a6 06          LDA      #0x6
0111 cd 05 fc       JSR      FUN_05fc                                  undefined FUN_05fc()
0114 cd 06 18       JSR      FUN_0618                                  undefined FUN_0618()


                    LAB_0117                          XREF[1]:     0119(j)
0117 2f 02          BIH      LAB_011b
0119 20 fc          BRA      LAB_0117


                    LAB_011b                          XREF[2]:     0117(j), 011d(j)
011b 2e 02          BIL      FUN_011f
011d 20 fc          BRA      LAB_011b


           *****************************************************************
           *                       FUNCTION                               *
           *****************************************************************
           undefined FUN_011f()
undefined    A:1            <RETURN>
                    FUN_011f                          XREF[2]:     RESET:011b(j), FUN_01c0:01ce(c)
011f b6 12          LDA      DAT_0012                                  = FFh
0121 a4 c0          AND      #0xc0
0123 b7 15          STA      DAT_0015                                  = FFh


                    LAB_0125                          XREF[1]:     ProcessData:0151(j)
0125 b7 12          STA      DAT_0012                                  = FFh
0127 a6 05          LDA      #0x5
0129 b7 13          STA      DAT_0013                                  = FFh


                    LAB_012b                          XREF[2]:     ProcessData:0155(j),
                                                                   ProcessData:0179(j)
012b 3a 10          DEC      DAT_0010                                  = FFh
012d 26 10          BNE      LAB_013f
012f 3a 11          DEC      DAT_0011                                  = FFh
0131 26 0c          BNE      LAB_013f
0133 19 14          BCLR     0x4,DAT_0014                              = FFh
0135 0a 19 07       BRSET    0x5,DAT_0019,LAB_013f                     = FFh
0138 cd 06 18       JSR      FUN_0618                                  undefined FUN_0618()
013b a6 06          LDA      #0x6
013d b7 11          STA      DAT_0011                                  = FFh


                    LAB_013f                          XREF[3]:     012d(j), 0131(j), 0135(j)
013f cc 02 5e       JMP      WaitForData                               undefined WaitForData()
                    -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


           *****************************************************************
           *                       FUNCTION                               *
           *****************************************************************
           undefined ProcessData()
undefined    A:1            <RETURN>
                    ProcessData                       XREF[2]:     WaitForData:0292(c),
                                                                   FUN_041d:0579(c)
0142 06 20 04       BRSET    0x3,DAT_0020,LAB_0149                     = FFh
0145 1f 14          BCLR     0x7,DAT_0014                              = FFh
0147 20 02          BRA      LAB_014b


                    LAB_0149                          XREF[1]:     0142(j)
0149 1e 14          BSET     0x7,DAT_0014                              = FFh


                    LAB_014b                          XREF[1]:     0147(j)
014b 13 02          BCLR     0x1,PORTC                                 = FFh
014d b6 00          LDA      PORTA
014f b1 12          CMP      DAT_0012                                  = FFh
0151 26 d2          BNE      LAB_0125
0153 3a 13          DEC      DAT_0013                                  = FFh
0155 26 d4          BNE      LAB_012b
0157 b6 00          LDA      PORTA
0159 b8 15          EOR      DAT_0015                                  = FFh
```

```
015b b7 17         STA         DAT_0017                              = FFh
015d 0c 17 0c      BRSET       0x6,DAT_0017,LAB_016c                 = FFh
0160 b6 12         LDA         DAT_0012                              = FFh
0162 a4 3f         AND         #0x3f
0164 a1 00         CMP         #0x0
0166 27 0d         BEQ         LAB_0175
0168 b7 16         STA         DAT_0016                              = FFh
016a 20 1d         BRA         LAB_0189


                   LAB_016c                            XREF[1]:     015d(j)
016c 0c 12 0c      BRSET       0x6,DAT_0012,LAB_017b                 = FFh
016f a6 60         LDA         #0x60
0171 ba 14         ORA         DAT_0014                              = FFh
0173 b7 14         STA         DAT_0014                              = FFh


                   LAB_0175                            XREF[3]:     0166(j), 0183(j), 0187(j)
0175 b6 12         LDA         DAT_0012                              = FFh
0177 b7 15         STA         DAT_0015                              = FFh
0179 20 b0         BRA         LAB_012b


                   LAB_017b                            XREF[1]:     016c(j)
017b b6 08         LDA         Timer_Data_Reg                        = FFh
017d a1 00         CMP         #0x0
017f 26 04         BNE         LAB_0185
0181 1a 14         BSET        0x5,DAT_0014                          = FFh
0183 20 f0         BRA         LAB_0175


                   LAB_0185                            XREF[1]:     017f(j)
0185 1b 14         BCLR        0x5,DAT_0014                          = FFh
0187 20 ec         BRA         LAB_0175


                   LAB_0189                            XREF[1]:     016a(j)
0189 a6 50         LDA         #0x50
018b b7 11         STA         DAT_0011                              = FFh
018d ae 80         LDX         #0x80
018f 09 14 02      BRCLR       0x4,DAT_0014,LAB_0194                 = FFh
0192 ae 8b         LDX         #0x8b


                   LAB_0194                            XREF[2]:     018f(j), 019f(j)
0194 f6            LDA         X=>DAT_008b                           = 01h
                                                                     = 02h
0195 b1 16         CMP         DAT_0016                              = FFh
0197 27 08         BEQ         LAB_01a1
0199 a1 ff         CMP         #0xff
019b 27 31         BEQ         LAB_01ce
019d 5c            INCX
019e 5c            INCX
019f 20 f3         BRA         LAB_0194


                   LAB_01a1                            XREF[1]:     0197(j)
01a1 5c            INCX
01a2 fe            LDX         X=>DAT_008c                           = 01h
01a3 58            ASLX


                   switchD_01a4::switchD
01a4 dc 01 a7      JMP         0x1a7,X


                   switchD_01a4::caseD_0                XREF[1]:     01a4(j)
01a7 20 32         BRA         switchD_01a4::caseD_34                undefined caseD_34()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_2                XREF[1]:     01a4(j)
01a9 20 26         BRA         switchD_01a4::caseD_2a                undefined caseD_2a()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_4                XREF[1]:     01a4(j)
01ab 20 40         BRA         switchD_01a4::caseD_46                undefined caseD_46()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_6                XREF[1]:     01a4(j)
01ad 20 4e         BRA         switchD_01a4::caseD_56                undefined caseD_56()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_8                XREF[1]:     01a4(j)
01af 20 50         BRA         switchD_01a4::caseD_5a                undefined caseD_5a()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_a                XREF[1]:     01a4(j)
01b1 20 52         BRA         switchD_01a4::caseD_5e                undefined caseD_5e()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   switchD_01a4::caseD_c                XREF[1]:     01a4(j)
01b3 20 5e         BRA         switchD_01a4::caseD_6c                undefined caseD_6c()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)
```

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                      switchD_01a4::caseD_e                      XREF[1]:    01a4(j)
          01b5 20 20      BRA       switchD_01a4::caseD_30


                      **************************************************************
                      *                           FUNCTION                        *
                      **************************************************************
                      undefined caseD_10()
            undefined     A:1           <RETURN>
                      switchD_01a4::caseD_10                     XREF[4]:    ProcessData:01a4(j), 01bd(j),
                                                                            FUN_01c0:01cb(c),
                                                                            caseD_46:01f2(c)
          01b7 b6 00      LDA       PORTA


                      switchD_01a4::caseD_12                     XREF[1]:    ProcessData:01a4(j)
          01b9 a4 3f      AND       #0x3f


                      switchD_01a4::caseD_14                     XREF[1]:    ProcessData:01a4(j)
          01bb a1 00      CMP       #0x0


                      switchD_01a4::caseD_16                     XREF[1]:    ProcessData:01a4(j)
          01bd 26 f8      BNE       switchD_01a4::caseD_10


                      switchD_01a4::caseD_18                     XREF[1]:    ProcessData:01a4(j)
          01bf 81        RTS


                      **************************************************************
                      *                           FUNCTION                        *
                      **************************************************************
                      undefined FUN_01c0()
            undefined     A:1           <RETURN>
                      caseD_1a (01c0+1)                         XREF[4,1]:  caseD_2a:01d9(c),
                      FUN_01c0                                              caseD_34:01eb(c),
                                                                            caseD_56:01ff(c),
                                                                            caseD_5a:0203(c),
                                                                            ProcessData:01a4(j)
          01c0 cd 02 38   JSR       FUN_0238                                undefined FUN_0238()


                      caseD_1e (01c3+2)                         XREF[1,1]:  ProcessData:01a4(j),
                      switchD_01a4::caseD_1c                                 ProcessData:01a4(j)
          01c3 cd 02 38   JSR       FUN_0238                                undefined FUN_0238()


                      caseD_20 (01c6+1)                         XREF[11,1]: caseD_2a:01d4(j),
                      LAB_01c6                                              caseD_34:01db(j),
                                                                            caseD_46:01fb(j),
                                                                            caseD_5e:0205(j),
                                                                            caseD_5e:020d(j),
                                                                            caseD_5e:0211(j),
                                                                            caseD_6c:021f(j),
                                                                            caseD_6c:0227(j),
                                                                            caseD_6c:022b(j),
                                                                            caseD_6c:0232(j),
                                                                            caseD_6c:0236(j),
                                                                            ProcessData:01a4(j)
          01c6 b6 14      LDA       DAT_0014                                = FFh
                      caseD_22 (01c8+1)                         XREF[0,1]:  ProcessData:01a4(j)
          01c8 cd 02 3c   JSR       FUN_023c                                undefined FUN_023c()


                      caseD_26 (01cb+2)                         XREF[1,1]:  ProcessData:01a4(j),
                      switchD_01a4::caseD_24                                 ProcessData:01a4(j)
          01cb cd 01 b7   JSR       switchD_01a4::caseD_10                   undefined caseD_10()


                      caseD_28 (01ce+1)                         XREF[1,1]:  ProcessData:019b(j),
                      LAB_01ce                                              ProcessData:01a4(j)
          01ce cc 01 1f   JMP       FUN_011f                                undefined FUN_011f()
                      -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                      **************************************************************
                      *                           FUNCTION                        *
                      **************************************************************
                      undefined caseD_2a()
            undefined     A:1           <RETURN>
                      caseD_2c (01d1+2)                         XREF[2,1]:  ProcessData:01a4(j),
                      switchD_01a4::caseD_2a                                 ProcessData:01a9(c),
                                                                            ProcessData:01a4(j)
          01d1 08 14 03   BRSET     0x4,DAT_0014,switchD_01a4::caseD_30      = FFh
                      caseD_2e (01d4+1)                         XREF[0,1]:  ProcessData:01a4(j)
          01d4 06 20 ef   BRSET     0x3,DAT_0020,LAB_01c6                    = FFh


                      switchD_01a4::caseD_30                     XREF[3]:    ProcessData:01a4(j),
                                                                            ProcessData:01b5(j), 01d1(j)
          01d7 a6 01      LDA       #0x1
```

```
                    switchD_01a4::caseD_32                    XREF[1]:    ProcessData:01a4(j)
      01d9 20 e5        BRA        FUN_01c0                                undefined FUN_01c0()
                    -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                    *************************************************************
                    *                          FUNCTION                         *
                    *************************************************************
                    undefined caseD_34()
       undefined       A:1            <RETURN>
                    caseD_36 (01db+2)                         XREF[2,1]:   ProcessData:01a4(j),
                    switchD_01a4::caseD_34                                 ProcessData:01a7(c),
                                                                           ProcessData:01a4(j)
      01db 0e 12 e8    BRSET      0x7,DAT_0012,LAB_01c6                    = FFh
                    caseD_38 (01de+1)                         XREF[0,1]:   ProcessData:01a4(j)
      01de a6 02       LDA        #0x2
                    caseD_3a (01e0+1)                         XREF[0,1]:   ProcessData:01a4(j)
      01e0 cd 02 38    JSR        FUN_0238                                undefined FUN_0238()

                    caseD_3e (01e3+2)                         XREF[1,1]:   ProcessData:01a4(j),
                    switchD_01a4::caseD_3c                                 ProcessData:01a4(j)
      01e3 cd 02 38    JSR        FUN_0238                                undefined FUN_0238()
                    caseD_40 (01e6+1)                         XREF[0,1]:   ProcessData:01a4(j)
      01e6 cd 02 4b    JSR        switchD_01a4::caseD_a4                   undefined caseD_a4()

                    switchD_01a4::caseD_42                     XREF[1]:    ProcessData:01a4(j)
      01e9 a6 04       LDA        #0x4

                    switchD_01a4::caseD_44                     XREF[1]:    ProcessData:01a4(j)
      01eb 20 d3       BRA        FUN_01c0                                undefined FUN_01c0()
                    -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                    *************************************************************
                    *                          FUNCTION                         *
                    *************************************************************
                    undefined caseD_46()
       undefined       A:1            <RETURN>
                    switchD_01a4::caseD_46                     XREF[2]:    ProcessData:01a4(j),
                                                                           ProcessData:01ab(c)
      01ed a6 02       LDA        #0x2

                    caseD_4a (01ef+2)                         XREF[1,1]:   ProcessData:01a4(j),
                    switchD_01a4::caseD_48                                 ProcessData:01a4(j)
      01ef cd 02 38    JSR        FUN_0238                                undefined FUN_0238()
                    caseD_4c (01f2+1)                         XREF[0,1]:   ProcessData:01a4(j)
      01f2 cd 01 b7    JSR        switchD_01a4::caseD_10                   undefined caseD_10()

                    caseD_50 (01f5+2)                         XREF[1,1]:   ProcessData:01a4(j),
                    switchD_01a4::caseD_4e                                 ProcessData:01a4(j)
      01f5 cd 02 38    JSR        FUN_0238                                undefined FUN_0238()
                    caseD_52 (01f8+1)                         XREF[0,1]:   ProcessData:01a4(j)
      01f8 cd 02 4b    JSR        switchD_01a4::caseD_a4                   undefined caseD_a4()

                    switchD_01a4::caseD_54                     XREF[1]:    ProcessData:01a4(j)
      01fb 20 c9       BRA        LAB_01c6


                    *************************************************************
                    *                          FUNCTION                         *
                    *************************************************************
                    undefined caseD_56()
       undefined       A:1            <RETURN>
                    switchD_01a4::caseD_56                     XREF[2]:    ProcessData:01a4(j),
                                                                           ProcessData:01ad(c)
      01fd a6 04       LDA        #0x4

                    switchD_01a4::caseD_58                     XREF[1]:    ProcessData:01a4(j)
      01ff 20 bf       BRA        FUN_01c0                                undefined FUN_01c0()
                    -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                    *************************************************************
                    *                          FUNCTION                         *
                    *************************************************************
                    undefined caseD_5a()
       undefined       A:1            <RETURN>
                    switchD_01a4::caseD_5a                     XREF[2]:    ProcessData:01a4(j),
                                                                           ProcessData:01af(c)
      0201 a6 08       LDA        #0x8

                    switchD_01a4::caseD_5c                     XREF[1]:    ProcessData:01a4(j)
      0203 20 bb       BRA        FUN_01c0                                undefined FUN_01c0()
                    -- Flow Override: CALL_RETURN (CALL_TERMINATOR)
```

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                        **************************************************************
                        *                       FUNCTION                            *
                        **************************************************************
                        undefined caseD_5e()
           undefined    A:1            <RETURN>
                        caseD_60 (0205+2)                          XREF[2,1]:  ProcessData:01a4(j),
                        switchD_01a4::caseD_5e                                  ProcessData:01b1(c),
                                                                               ProcessData:01a4(j)
      0205 0d 15 be        BRCLR      0x6,DAT_0015,LAB_01c6                       = FFh
                        caseD_62 (0208+1)                          XREF[0,1]:  ProcessData:01a4(j)
      0208 0a 14 04        BRSET      0x5,DAT_0014,switchD_01a4::caseD_68        = FFh

                        switchD_01a4::caseD_64                     XREF[1]:    ProcessData:01a4(j)
      020b 1a 14          BSET       0x5,DAT_0014                                = FFh

                        switchD_01a4::caseD_66                     XREF[1]:    ProcessData:01a4(j)
      020d 20 b7          BRA        LAB_01c6

                        switchD_01a4::caseD_68                     XREF[2]:    ProcessData:01a4(j), 0208(j)
      020f 1b 14          BCLR       0x5,DAT_0014                                = FFh

                        switchD_01a4::caseD_6a                     XREF[1]:    ProcessData:01a4(j)
      0211 20 b3          BRA        LAB_01c6


                        **************************************************************
                        *                       FUNCTION                            *
                        **************************************************************
                        undefined caseD_6c()
           undefined    A:1            <RETURN>
                        switchD_01a4::caseD_6c                     XREF[3]:    ProcessData:01a4(j),
                                                                               ProcessData:01b3(c), 021d(j)
      0213 b6 00          LDA        PORTA

                        switchD_01a4::caseD_6e                     XREF[1]:    ProcessData:01a4(j)
      0215 a4 3f          AND        #0x3f

                        switchD_01a4::caseD_70                     XREF[1]:    ProcessData:01a4(j)
      0217 a1 21          CMP        #0x21

                        switchD_01a4::caseD_72                     XREF[1]:    ProcessData:01a4(j)
      0219 27 12          BEQ        switchD_01a4::caseD_86

                        switchD_01a4::caseD_74                     XREF[1]:    ProcessData:01a4(j)
      021b a1 00          CMP        #0x0

                        switchD_01a4::caseD_76                     XREF[1]:    ProcessData:01a4(j)
      021d 26 f4          BNE        switchD_01a4::caseD_6c

                        caseD_7a (021f+2)                          XREF[1,1]:  ProcessData:01a4(j),
                        switchD_01a4::caseD_78                                  ProcessData:01a4(j)
      021f 0d 15 a4        BRCLR      0x6,DAT_0015,LAB_01c6                       = FFh
                        caseD_7c (0222+1)                          XREF[0,1]:  ProcessData:01a4(j)
      0222 0c 14 04        BRSET      0x6,DAT_0014,switchD_01a4::caseD_82        = FFh

                        switchD_01a4::caseD_7e                     XREF[1]:    ProcessData:01a4(j)
      0225 1c 14          BSET       0x6,DAT_0014                                = FFh

                        switchD_01a4::caseD_80                     XREF[1]:    ProcessData:01a4(j)
      0227 20 9d          BRA        LAB_01c6

                        switchD_01a4::caseD_82                     XREF[2]:    ProcessData:01a4(j), 0222(j)
      0229 1d 14          BCLR       0x6,DAT_0014                                = FFh

                        switchD_01a4::caseD_84                     XREF[1]:    ProcessData:01a4(j)
      022b 20 99          BRA        LAB_01c6

                        caseD_88 (022d+2)                          XREF[2,1]:  ProcessData:01a4(j), 0219(j),
                        switchD_01a4::caseD_86                                  ProcessData:01a4(j)
      022d 08 14 04        BRSET      0x4,DAT_0014,LAB_0234                       = FFh
                        caseD_8a (0230+1)                          XREF[0,1]:  ProcessData:01a4(j)
      0230 18 14          BSET       0x4,DAT_0014                                = FFh
                        caseD_8c (0232+1)                          XREF[0,1]:  ProcessData:01a4(j)
      0232 20 92          BRA        LAB_01c6

                        caseD_8e (0234+1)                          XREF[1,1]:  022d(j), ProcessData:01a4(j)
                        LAB_0234
      0234 19 14          BCLR       0x4,DAT_0014                                = FFh
                        caseD_90 (0236+1)                          XREF[0,1]:  ProcessData:01a4(j)
      0236 20 8e          BRA        LAB_01c6
```

```
                        **************************************************************
                        *                        FUNCTION                           *
                        **************************************************************
                        undefined FUN_0238()
        undefined         A:1            <RETURN>
                        caseD_92 (0238+1)                         XREF[6,1]:  FUN_01c0:01c0(c),
                        FUN_0238                                              FUN_01c0:01c3(c),
                                                                              caseD_34:01e0(c),
                                                                              caseD_34:01e3(c),
                                                                              caseD_46:01ef(c),
                                                                              caseD_46:01f5(c),
                                                                              ProcessData:01a4(j)
    0238 ba 14            ORA        DAT_0014                                    = FFh
                        caseD_94 (023a+1)                         XREF[0,1]:  ProcessData:01a4(j)
    023a a4 7f            AND        #0x7f


                        **************************************************************
                        *                        FUNCTION                           *
                        **************************************************************
                        undefined FUN_023c()
        undefined         A:1            <RETURN>
                        caseD_96 (023c+1)                         XREF[2,1]:  RESET:00f5(c), FUN_01c0:01c8(c),
                        FUN_023c                                              ProcessData:01a4(j)
    023c 11 02            BCLR       0x0,PORTC                                   = FFh
                        caseD_98 (023e+1)                         XREF[0,1]:  ProcessData:01a4(j)
    023e b7 01            STA        PORTB                                       = FFh
                        caseD_9a (0240+1)                         XREF[0,1]:  ProcessData:01a4(j)
    0240 10 02            BSET       0x0,PORTC                                   = FFh
                        caseD_9c (0242+1)                         XREF[0,1]:  ProcessData:01a4(j)
    0242 a6 20            LDA        #0x20


                        LAB_0244                                  XREF[2]:    0245(j), 0248(j)
    0244 5a               DECX


                        switchD_01a4::caseD_9e                    XREF[1]:    ProcessData:01a4(j)
    0245 26 fd            BNE        LAB_0244


                        switchD_01a4::caseD_a0                    XREF[1]:    ProcessData:01a4(j)
    0247 4a               DECA
                        caseD_a2 (0248+1)                         XREF[0,1]:  ProcessData:01a4(j)
    0248 26 fa            BNE        LAB_0244
    024a 81               RTS


                        **************************************************************
                        *                        FUNCTION                           *
                        **************************************************************
                        undefined caseD_a4()
        undefined         A:1            <RETURN>
                        switchD_01a4::caseD_a4                    XREF[4]:    RESET:0102(c),
                                                                              ProcessData:01a4(j),
                                                                              caseD_34:01e6(c),
                                                                              caseD_46:01f8(c)
    024b a6 06            LDA        #0x6


                        switchD_01a4::caseD_a6                    XREF[1]:    ProcessData:01a4(j)
    024d b7 1e            STA        DAT_001e                                    = FFh


                        switchD_01a4::caseD_a8                    XREF[1]:    ProcessData:01a4(j)
    024f a6 30            LDA        #0x30


                        switchD_01a4::caseD_aa                    XREF[1]:    ProcessData:01a4(j)
    0251 b7 4c            STA        DAT_004c                                    = FFh


                        switchD_01a4::caseD_ac                    XREF[4]:    ProcessData:01a4(j), 0254(j),
                                                                              0257(j), 025b(j)
    0253 5a               DECX
                        caseD_ae (0254+1)                         XREF[0,1]:  ProcessData:01a4(j)
    0254 26 fd            BNE        switchD_01a4::caseD_ac
    0256 4a               DECA


                        switchD_01a4::caseD_b0                    XREF[1]:    ProcessData:01a4(j)
    0257 26 fa            BNE        switchD_01a4::caseD_ac


                        switchD_01a4::caseD_b2                    XREF[1]:    ProcessData:01a4(j)
    0259 3a 1e            DEC        DAT_001e                                    = FFh


                        switchD_01a4::caseD_b4                    XREF[1]:    ProcessData:01a4(j)
    025b 26 f6            BNE        switchD_01a4::caseD_ac


                        switchD_01a4::caseD_b6                    XREF[1]:    ProcessData:01a4(j)
    025d 81               RTS
```

```
                    ****************************************************************
                    *                         FUNCTION                            *
                    ****************************************************************
                    undefined WaitForData()
       undefined     A:1            <RETURN>
                     caseD_b8 (025e+1)                         XREF[1,1]:  FUN_011f:013f(c),
                     WaitForData                                           ProcessData:01a4(j)
       025e b6 14      LDA          DAT_0014                               = FFh
                     caseD_ba (0260+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0260 b7 01      STA          PORTB                                  = FFh
                     caseD_bc (0262+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0262 a6 00      LDA          #0x0
                     caseD_be (0264+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0264 b7 08      STA          Timer_Data_Reg                        = FFh

                     caseD_c0 (0266+1)                         XREF[1,1]:  026e(j), ProcessData:01a4(j)
                     LAB_0266
       0266 2f 0a      BIH          LAB_0272
                     caseD_c2 (0268+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0268 b6 00      LDA          PORTA
                     caseD_c4 (026a+1)                         XREF[0,1]:  ProcessData:01a4(j)
       026a a4 3f      AND          #0x3f
                     caseD_c6 (026c+1)                         XREF[0,1]:  ProcessData:01a4(j)
       026c a1 00      CMP          #0x0
                     caseD_c8 (026e+1)                         XREF[0,1]:  ProcessData:01a4(j)
       026e 27 f6      BEQ          LAB_0266
                     caseD_ca (0270+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0270 20 20      BRA          LAB_0292

                     caseD_cc (0272+1)                         XREF[1,1]:  0266(j), ProcessData:01a4(j)
                     LAB_0272
       0272 a6 00      LDA          #0x0
                     caseD_ce (0274+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0274 b7 1a      STA          DAT_001a                               = FFh
                     caseD_d0 (0276+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0276 12 02      BSET         0x1,PORTC                              = FFh
                     caseD_d2 (0278+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0278 11 02      BCLR         0x0,PORTC                              = FFh
                     caseD_d4 (027a+1)                         XREF[0,1]:  ProcessData:01a4(j)
       027a 10 02      BSET         0x0,PORTC                              = FFh
                     caseD_d6 (027c+1)                         XREF[0,1]:  ProcessData:01a4(j)
       027c b6 4c      LDA          DAT_004c                               = FFh
                     caseD_d8 (027e+1)                         XREF[0,1]:  ProcessData:01a4(j)
       027e b7 1e      STA          DAT_001e                               = FFh
                     caseD_da (0280+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0280 a6 05      LDA          #0x5

                     caseD_dc (0282+1)                         XREF[3,1]:  0285(j), 0288(j), 028c(j),
                     LAB_0282                                              ProcessData:01a4(j)
       0282 2e 11      BIL          switchD_01a4::caseD_ee
       0284 5a         DECX

                     switchD_01a4::caseD_de                    XREF[1]:    ProcessData:01a4(j)
       0285 26 fb      BNE          LAB_0282

                     switchD_01a4::caseD_e0                    XREF[1]:    ProcessData:01a4(j)
       0287 4a         DECA
                     caseD_e2 (0288+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0288 26 f8      BNE          LAB_0282
                     caseD_e4 (028a+1)                         XREF[0,1]:  ProcessData:01a4(j)
       028a 3a 1e      DEC          DAT_001e                               = FFh
                     caseD_e6 (028c+1)                         XREF[0,1]:  ProcessData:01a4(j)
       028c 26 f4      BNE          LAB_0282
                     caseD_e8 (028e+1)                         XREF[0,1]:  ProcessData:01a4(j)
       028e a6 01      LDA          #0x1
                     caseD_ea (0290+1)                         XREF[0,1]:  ProcessData:01a4(j)
       0290 b7 4c      STA          DAT_004c                               = FFh

                     caseD_ec (0292+1)                         XREF[1,1]:  0270(j), ProcessData:01a4(j)
                     LAB_0292
       0292 cc 01 42     JMP          ProcessData                                 undefined ProcessData()
                     -- Flow Override: CALL_RETURN (CALL_TERMINATOR)

                     switchD_01a4::caseD_ee                    XREF[2]:    ProcessData:01a4(j), 0282(j)
       0295 ae 08      LDX          #0x8

                     switchD_01a4::caseD_f0                    XREF[3]:    ProcessData:01a4(j), 02c6(j),
                                                                           02dc(j)
       0297 b6 00      LDA          PORTA

                     switchD_01a4::caseD_f2                    XREF[1]:    ProcessData:01a4(j)
       0299 13 02      BCLR         0x1,PORTC                              = FFh
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```
                   switchD_01a4::caseD_f4                        XREF[1]:     ProcessData:01a4(j)
029b 12 02             BSET       0x1,PORTC                          = FFh


                   switchD_01a4::caseD_f6                        XREF[1]:     ProcessData:01a4(j)
029d b7 20             STA        DAT_0020                           = FFh


                   switchD_01a4::caseD_f8                        XREF[1]:     ProcessData:01a4(j)
029f 34 21             LSR        DAT_0021                           = FFh


                   switchD_01a4::caseD_fa                        XREF[1]:     ProcessData:01a4(j)
02a1 34 22             LSR        DAT_0022                           = FFh


                   switchD_01a4::caseD_fc                        XREF[1]:     ProcessData:01a4(j)
02a3 34 23             LSR        DAT_0023                           = FFh


                   switchD_01a4::caseD_fe                        XREF[1]:     ProcessData:01a4(j)
02a5 00 20 04          BRSET      0x0,DAT_0020,LAB_02ac              = FFh
02a8 1e 21             BSET       0x7,DAT_0021                       = FFh
02aa 20 02             BRA        LAB_02ae                           = FFh


                   LAB_02ac                                      XREF[1]:     02a5(j)
02ac 1f 21             BCLR       0x7,DAT_0021                       = FFh


                   LAB_02ae                                      XREF[1]:     02aa(j)
02ae 02 20 04          BRSET      0x1,DAT_0020,LAB_02b5             = FFh
02b1 1e 22             BSET       0x7,DAT_0022                       = FFh
02b3 20 02             BRA        LAB_02b7                           = FFh


                   LAB_02b5                                      XREF[1]:     02ae(j)
02b5 1f 22             BCLR       0x7,DAT_0022                       = FFh


                   LAB_02b7                                      XREF[1]:     02b3(j)
02b7 04 20 04          BRSET      0x2,DAT_0020,LAB_02be            = FFh
02ba 1e 23             BSET       0x7,DAT_0023                       = FFh
02bc 20 02             BRA        LAB_02c0                           = FFh


                   LAB_02be                                      XREF[1]:     02b7(j)
02be 1f 23             BCLR       0x7,DAT_0023                       = FFh


                   LAB_02c0                                      XREF[1]:     02bc(j)
02c0 3c 1a             INC        DAT_001a                           = FFh
02c2 b6 1a             LDA        DAT_001a                           = FFh
02c4 a1 08             CMP        #0x8
02c6 26 cf             BNE        switchD_01a4::caseD_f0
02c8 a6 00             LDA        #0x0
02ca b7 1a             STA        DAT_001a                           = FFh
02cc 5a                DECX
02cd b6 21             LDA        DAT_0021                           = FFh
02cf e7 2d             STA        0x2d,X=>DAT_0034                    = FFh
02d1 b6 22             LDA        DAT_0022                           = FFh
02d3 e7 35             STA        0x35,X=>DAT_003c                    = FFh
02d5 b6 23             LDA        DAT_0023                           = FFh
02d7 e7 3d             STA        0x3d,X=>DAT_0044                    = FFh
02d9 9f                TXA
02da a1 00             CMP        #0x0
02dc 26 b9             BNE        switchD_01a4::caseD_f0
02de b6 19             LDA        DAT_0019                           = FFh
02e0 b1 18             CMP        DAT_0018                           = FFh
02e2 27 09             BEQ        LAB_02ed
02e4 b7 18             STA        DAT_0018                           = FFh
02e6 cd 06 18          JSR        FUN_0618                        undefined FUN_0618()
02e9 a6 00             LDA        #0x0
02eb b7 47             STA        DAT_0047                           = FFh


                   LAB_02ed                                      XREF[1]:     02e2(j)
02ed a6 00             LDA        #0x0
02ef b7 19             STA        DAT_0019                           = FFh
02f1 ae 00             LDX        #0x0
02f3 e6 2d             LDA        DAT_002d,X                         = FFh
02f5 b7 1b             STA        DAT_001b                           = FFh
02f7 5c                INCX
02f8 e6 2d             LDA        0x2d,X=>DAT_002e                    = FFh
02fa b7 1c             STA        DAT_001c                           = FFh
02fc cd 06 41          JSR        FUN_0641                        undefined FUN_0641()
02ff b7 1d             STA        DAT_001d                           = FFh
0301 a1 00             CMP        #0x0
0303 26 03             BNE        LAB_0308
0305 cc 04 1d          JMP        FUN_041d                        undefined FUN_041d()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   LAB_0308                                      XREF[1]:     0303(j)
0308 ae 01             LDX        #0x1
030a b6 1d             LDA        DAT_001d                           = FFh
030c bf 1f             STX        DAT_001f                           = FFh
```

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                          LAB_030e                                         XREF[1]:    0325(j)
         030e 54                    LSRX
         030f e7 25                 STA        DAT_0025,X                        = FFh
         0311 be 1f                 LDX        DAT_001f                          = FFh
         0313 5c                    INCX
         0314 e6 2d                 LDA        0x2d,X=>DAT_002f                   = FFh
         0316 b7 1b                 STA        DAT_001b                          = FFh
         0318 5c                    INCX
         0319 9f                    TXA
         031a a1 09                 CMP        #0x9
         031c 27 09                 BEQ        LAB_0327
         031e e6 2d                 LDA        0x2d,X=>DAT_0030                   = FFh
         0320 b7 1c                 STA        DAT_001c                          = FFh
         0322 cd 06 41              JSR        FUN_0641                          undefined FUN_0641()
         0325 20 e7                 BRA        LAB_030e

                          LAB_0327                                         XREF[1]:    031c(j)
         0327 0a 18 1f              BRSET      0x5,DAT_0018,LAB_0349             = FFh
         032a ae 03                 LDX        #0x3

                          LAB_032c                                         XREF[1]:    0335(j)
         032c e6 25                 LDA        0x25,X=>DAT_0028                   = FFh
         032e e7 29                 STA        0x29,X=>DAT_002c                   = FFh
         0330 a1 20                 CMP        #0x20
         0332 26 6e                 BNE        LAB_03a2
         0334 5a                    DECX
         0335 2a f5                 BPL        LAB_032c
         0337 a6 00                 LDA        #0x0
         0339 b7 47                 STA        DAT_0047                          = FFh
         033b a6 60                 LDA        #0x60
         033d b7 45                 STA        DAT_0045                          = FFh
         033f 1a 19                 BSET       0x5,DAT_0019                      = FFh
         0341 0e 3a 02              BRSET      0x7,DAT_003a,LAB_0346             = FFh
         0344 20 65                 BRA        LAB_03ab

                          LAB_0346                                         XREF[3]:    0341(j), 0356(j), 039d(j)
         0346 cc 04 d6              JMP        LAB_04d6

                          LAB_0349                                         XREF[1]:    0327(j)
         0349 ae 03                 LDX        #0x3
         034b 1a 19                 BSET       0x5,DAT_0019                      = FFh

                          LAB_034d                                         XREF[1]:    0354(j)
         034d e6 25                 LDA        0x25,X=>DAT_0028                   = FFh
         034f e1 29                 CMP        0x29,X=>DAT_002c                   = FFh
         0351 26 08                 BNE        LAB_035b
         0353 5a                    DECX
         0354 2a f7                 BPL        LAB_034d
         0356 0e 3a ed              BRSET      0x7,DAT_003a,LAB_0346             = FFh
         0359 20 50                 BRA        LAB_03ab

                          LAB_035b                                         XREF[1]:    0351(j)
         035b ae 01                 LDX        #0x1
         035d b6 25                 LDA        DAT_0025                          = FFh

                          LAB_035f                                         XREF[1]:    0367(j)
         035f e1 29                 CMP        0x29,X=>DAT_002a                   = FFh
         0361 27 06                 BEQ        LAB_0369
         0363 5c                    INCX
         0364 9f                    TXA
         0365 a1 04                 CMP        #0x4
         0367 26 f6                 BNE        LAB_035f

                          LAB_0369                                         XREF[1]:    0361(j)
         0369 bf 1f                 STX        DAT_001f                          = FFh
         036b a6 04                 LDA        #0x4
         036d b0 1f                 SUB        DAT_001f                          = FFh
         036f 97                    TAX

                          LAB_0370                                         XREF[1]:    038f(j)
         0370 b6 47                 LDA        DAT_0047                          = FFh
         0372 a1 28                 CMP        #0x28
         0374 26 04                 BNE        LAB_037a
         0376 a6 00                 LDA        #0x0
         0378 b7 47                 STA        DAT_0047                          = FFh

                          LAB_037a                                         XREF[1]:    0374(j)
         037a a6 18                 LDA        #0x18
         037c cd 05 fc              JSR        FUN_05fc                          undefined FUN_05fc()
         037f 3c 47                 INC        DAT_0047                          = FFh
         0381 a6 27                 LDA        #0x27
         0383 cd 06 90              JSR        FUN_0690                          undefined FUN_0690()
         0386 e6 25                 LDA        0x25,X=>DAT_0027                   = FFh
         0388 cd 05 d2              JSR        FUN_05d2                          undefined FUN_05d2()
```

```
038b 5c           INCX
038c 9f           TXA
038d a1 04        CMP       #0x4
038f 26 df        BNE       LAB_0370
0391 ae 00        LDX       #0x0


                  LAB_0393                              XREF[1]:     039b(j)
0393 e6 25        LDA       DAT_0025,X                    = FFh
0395 e7 29        STA       DAT_0029,X                    = FFh
0397 5c           INCX
0398 9f           TXA
0399 a1 04        CMP       #0x4
039b 26 f6        BNE       LAB_0393
039d 0e 3a a6     BRSET     0x7,DAT_003a,LAB_0346         = FFh
03a0 20 09        BRA       LAB_03ab


                  LAB_03a2                              XREF[1]:     0332(j)
03a2 a6 00        LDA       #0x0
03a4 b7 45        STA       DAT_0045                      = FFh
03a6 a6 40        LDA       #0x40
03a8 cd 06 90     JSR       FUN_0690                      undefined FUN_0690()


                  LAB_03ab                              XREF[3]:     0344(j), 0359(j), 03a0(j)
03ab b6 45        LDA       DAT_0045                      = FFh
03ad cd 06 90     JSR       FUN_0690                      undefined FUN_0690()
03b0 12 19        BSET      0x1,DAT_0019                  = FFh
03b2 0a 19 12     BRSET     0x5,DAT_0019,LAB_03c7         = FFh
03b5 b6 25        LDA       DAT_0025                      = FFh
03b7 a1 20        CMP       #0x20
03b9 27 07        BEQ       LAB_03c2
03bb ae b5        LDX       #0xb5
03bd cd 06 0c     JSR       FUN_060c                      undefined FUN_060c()
03c0 20 05        BRA       LAB_03c7


                  LAB_03c2                              XREF[1]:     03b9(j)
03c2 ae be        LDX       #0xbe
03c4 cd 06 0c     JSR       FUN_060c                      undefined FUN_060c()


                  LAB_03c7                              XREF[2]:     03b2(j), 03c0(j)
03c7 a6 35        LDA       #0x35
03c9 97           TAX
03ca cd 03 cf     JSR       FUN_03cf                      undefined FUN_03cf()
03cd 20 25        BRA       FUN_03f4                      undefined FUN_03f4()
                  -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                  ****************************************************************
                  *                     FUNCTION                     *
                  ****************************************************************
                  undefined FUN_03cf()
  undefined         A:1            <RETURN>
                  FUN_03cf                              XREF[2]:     WaitForData:03ca(c),
                                                                     FUN_03f4:0417(c)
03cf bf 1f        STX       DAT_001f                      = FFh
03d1 a6 09        LDA       #0x9
03d3 b7 1e        STA       DAT_001e                      = FFh
03d5 a6 01        LDA       #0x1
03d7 b7 24        STA       DAT_0024                      = FFh


                  LAB_03d9                              XREF[2]:     03ed(j), 03f2(j)
03d9 3a 1e        DEC       DAT_001e                      = FFh
03db 26 01        BNE       LAB_03de
03dd 81           RTS


                  LAB_03de                              XREF[1]:     03db(j)
03de be 1f        LDX       DAT_001f                      = FFh
03e0 f6           LDA       X
03e1 cd 06 23     JSR       FUN_0623                      undefined FUN_0623()
03e4 a1 ff        CMP       #0xff
03e6 26 07        BNE       LAB_03ef
03e8 cd 05 97     JSR       FUN_0597                      undefined FUN_0597()
03eb 14 19        BSET      0x2,DAT_0019                  = FFh
03ed 20 ea        BRA       LAB_03d9


                  LAB_03ef                              XREF[1]:     03e6(j)
03ef cd 05 d2     JSR       FUN_05d2                      undefined FUN_05d2()
03f2 20 e5        BRA       LAB_03d9


                  ****************************************************************
                  *                     FUNCTION                     *
                  ****************************************************************
                  undefined FUN_03f4()
  undefined         A:1            <RETURN>
                  FUN_03f4                              XREF[1]:     WaitForData:03cd(c)
03f4 a6 40        LDA       #0x40
03f6 cd 06 90     JSR       FUN_0690                      undefined FUN_0690()
```

```
03f9 0a 19 19       BRSET     0x5,DAT_0019,LAB_0415                        = FFh
03fc ae 00          LDX       #0x0


                    LAB_03fe                              XREF[1]:     0407(j)
03fe e6 25          LDA       DAT_0025,X                                   = FFh
0400 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
0403 5c             INCX
0404 9f             TXA
0405 a1 04          CMP       #0x4
0407 26 f5          BNE       LAB_03fe
0409 a6 40          LDA       #0x40
040b ab 07          ADD       #0x7
040d cd 06 90       JSR       FUN_0690                        undefined FUN_0690()
0410 a6 3a          LDA       #0x3a
0412 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()


                    LAB_0415                              XREF[1]:     03f9(j)
0415 ae 3d          LDX       #0x3d
0417 cd 03 cf       JSR       FUN_03cf                        undefined FUN_03cf()
041a cc 05 79       JMP       LAB_0579


             *****************************************************************
             *                           FUNCTION                           *
             *****************************************************************
             undefined FUN_041d()
  undefined         A:1            <RETURN>
                    FUN_041d                              XREF[1]:     WaitForData:0305(c)
041d a6 01          LDA       #0x1
041f b7 19          STA       DAT_0019                                     = FFh
0421 a6 00          LDA       #0x0
0423 b7 1e          STA       DAT_001e                                     = FFh
0425 a6 00          LDA       #0x0
0427 cd 06 90       JSR       FUN_0690                        undefined FUN_0690()


                    LAB_042a                              XREF[1]:     0485(j)
042a bf 1f          STX       DAT_001f                                     = FFh
042c a6 5f          LDA       #0x5f
042e 03 1c 02       BRCLR     0x1,DAT_001c,LAB_0433                        = FFh
0431 a6 db          LDA       #0xdb


                    LAB_0433                              XREF[1]:     042e(j)
0433 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
0436 01 1b 02       BRCLR     0x0,DAT_001b,LAB_043b                        = FFh
0439 a6 db          LDA       #0xdb


                    LAB_043b                              XREF[1]:     0436(j)
043b cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
043e 05 1b 02       BRCLR     0x2,DAT_001b,LAB_0443                        = FFh
0441 a6 db          LDA       #0xdb


                    LAB_0443                              XREF[1]:     043e(j)
0443 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
0446 09 1b 02       BRCLR     0x4,DAT_001b,LAB_044b                        = FFh
0449 a6 db          LDA       #0xdb


                    LAB_044b                              XREF[1]:     0446(j)
044b cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
044e 0d 1b 02       BRCLR     0x6,DAT_001b,LAB_0453                        = FFh
0451 a6 db          LDA       #0xdb


                    LAB_0453                              XREF[1]:     044e(j)
0453 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
0456 0f 1c 02       BRCLR     0x7,DAT_001c,LAB_045b                        = FFh
0459 a6 db          LDA       #0xdb


                    LAB_045b                              XREF[1]:     0456(j)
045b cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
045e 0b 1c 02       BRCLR     0x5,DAT_001c,LAB_0463                        = FFh
0461 a6 db          LDA       #0xdb


                    LAB_0463                              XREF[1]:     045e(j)
0463 cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
0466 09 1c 02       BRCLR     0x4,DAT_001c,LAB_046b                        = FFh
0469 a6 db          LDA       #0xdb


                    LAB_046b                              XREF[1]:     0466(j)
046b cd 05 d2       JSR       FUN_05d2                        undefined FUN_05d2()
046e be 1f          LDX       DAT_001f                                     = FFh
0470 5c             INCX
0471 e6 2d          LDA       0x2d,X
0473 b7 1b          STA       DAT_001b                                     = FFh
0475 5c             INCX
0476 e6 2d          LDA       0x2d,X
0478 b7 1c          STA       DAT_001c                                     = FFh
047a 3c 1e          INC       DAT_001e                                     = FFh
```

```
047c a6 0c         LDA        #0xc
047e cd 06 90       JSR        FUN_0690                          undefined FUN_0690()
0481 b6 1e          LDA        DAT_001e                          = FFh
0483 a1 01          CMP        #0x1
0485 23 a3          BLS        LAB_042a
0487 a6 18          LDA        #0x18
0489 cd 06 90       JSR        FUN_0690                          undefined FUN_0690()
048c a6 5f          LDA        #0x5f
048e 01 1c 02       BRCLR      0x0,DAT_001c,LAB_0493             = FFh
0491 a6 30          LDA        #0x30


                    LAB_0493                         XREF[1]:     048e(j)
0493 cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
0496 03 1b 02       BRCLR      0x1,DAT_001b,LAB_049b             = FFh
0499 a6 31          LDA        #0x31


                    LAB_049b                         XREF[1]:     0496(j)
049b cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
049e 0f 1b 02       BRCLR      0x7,DAT_001b,LAB_04a3             = FFh
04a1 a6 32          LDA        #0x32


                    LAB_04a3                         XREF[1]:     049e(j)
04a3 cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
04a6 0d 1c 02       BRCLR      0x6,DAT_001c,LAB_04ab             = FFh
04a9 a6 33          LDA        #0x33


                    LAB_04ab                         XREF[1]:     04a6(j)
04ab cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
04ae a6 1f          LDA        #0x1f
04b0 cd 06 90       JSR        FUN_0690                          undefined FUN_0690()
04b3 5c             INCX
04b4 e6 2d          LDA        0x2d,X
04b6 b7 1b          STA        DAT_001b                          = FFh
04b8 5c             INCX
04b9 e6 2d          LDA        0x2d,X
04bb b7 1c          STA        DAT_001c                          = FFh
04bd ae 9c          LDX        #0x9c
04bf 0f 1b 02       BRCLR      0x7,DAT_001b,LAB_04c4             = FFh
04c2 ae 98          LDX        #0x98


                    LAB_04c4                         XREF[1]:     04bf(j)
04c4 cd 06 0c       JSR        FUN_060c                          undefined FUN_060c()
04c7 a6 24          LDA        #0x24
04c9 cd 06 90       JSR        FUN_0690                          undefined FUN_0690()
04cc ae 9c          LDX        #0x9c
04ce 09 1b 02       BRCLR      0x4,DAT_001b,LAB_04d3             = FFh
04d1 ae 98          LDX        #0x98


                    LAB_04d3                         XREF[1]:     04ce(j)
04d3 cd 06 0c       JSR        FUN_060c                          undefined FUN_060c()


                    LAB_04d6                         XREF[1]:     WaitForData:0346(j)
04d6 a6 40          LDA        #0x40
04d8 cd 06 90       JSR        FUN_0690                          undefined FUN_0690()
04db 0e 38 04       BRSET      0x7,DAT_0038,LAB_04e2             = FFh
04de ae c7          LDX        #0xc7
04e0 20 02          BRA        LAB_04e4


                    LAB_04e2                         XREF[1]:     04db(j)
04e2 ae a0          LDX        #0xa0


                    LAB_04e4                         XREF[1]:     04e0(j)
04e4 cd 06 0c       JSR        FUN_060c                          undefined FUN_060c()
04e7 ae 00          LDX        #0x0
04e9 bf 1f          STX        DAT_001f                          = FFh
04eb e6 35          LDA        DAT_0035,X                        = FFh
04ed cd 06 23       JSR        FUN_0623                          undefined FUN_0623()
04f0 cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
04f3 be 1f          LDX        DAT_001f                          = FFh
04f5 e6 35          LDA        DAT_0035,X                        = FFh
04f7 cd 06 23       JSR        FUN_0623                          undefined FUN_0623()
04fa cd 05 d2       JSR        FUN_05d2                          undefined FUN_05d2()
04fd 0f 38 0c       BRCLR      0x7,DAT_0038,LAB_050c             = FFh
0500 ae a5          LDX        #0xa5
0502 0e 3c 02       BRSET      0x7,DAT_003c,LAB_0507             = FFh
0505 ae ad          LDX        #0xad


                    LAB_0507                         XREF[1]:     0502(j)
0507 18 19          BSET       0x4,DAT_0019                      = FFh
0509 cd 06 0c       JSR        FUN_060c                          undefined FUN_060c()


                    LAB_050c                         XREF[1]:     04fd(j)
050c be 1f          LDX        DAT_001f                          = FFh
050e e6 35          LDA        DAT_0035,X                        = FFh
0510 cd 06 23       JSR        FUN_0623                          undefined FUN_0623()
```

```
0513 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0516 be 1f         LDX      DAT_001f                        = FFh
0518 e6 35         LDA      DAT_0035,X                      = FFh
051a cd 06 23      JSR      FUN_0623                        undefined FUN_0623()
051d cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0520 0e 38 0b      BRSET    0x7,DAT_0038,LAB_052e           = FFh
0523 ae cd         LDX      #0xcd
0525 cd 06 0c      JSR      FUN_060c                        undefined FUN_060c()
0528 be 1f         LDX      DAT_001f                        = FFh
052a 5c            INCX
052b 5c            INCX
052c 20 20         BRA      LAB_054e


                   LAB_052e                                 XREF[1]:    0520(j)
052e a6 3a         LDA      #0x3a
0530 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0533 be 1f         LDX      DAT_001f                        = FFh
0535 e6 35         LDA      DAT_0035,X                      = FFh
0537 cd 06 23      JSR      FUN_0623                        undefined FUN_0623()
053a cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
053d be 1f         LDX      DAT_001f                        = FFh
053f e6 35         LDA      DAT_0035,X                      = FFh
0541 cd 06 23      JSR      FUN_0623                        undefined FUN_0623()
0544 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0547 a6 3a         LDA      #0x3a
0549 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
054c be 1f         LDX      DAT_001f                        = FFh


                   LAB_054e                                 XREF[1]:    052c(j)
054e e6 35         LDA      0x35,X=>DAT_0037                = FFh
0550 cd 06 23      JSR      FUN_0623                        undefined FUN_0623()
0553 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0556 be 1f         LDX      DAT_001f                        = FFh
0558 e6 35         LDA      DAT_0035,X                      = FFh
055a cd 06 23      JSR      FUN_0623                        undefined FUN_0623()
055d cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0560 a6 57         LDA      #0x57
0562 cd 06 90      JSR      FUN_0690                        undefined FUN_0690()
0565 a6 20         LDA      #0x20
0567 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
056a ae 00         LDX      #0x0


                   LAB_056c                                 XREF[1]:    0577(j)
056c e6 3d         LDA      DAT_003d,X                      = FFh
056e b7 1b         STA      DAT_001b                        = FFh
0570 cd 05 7c      JSR      FUN_057c                        undefined FUN_057c()
0573 5c            INCX
0574 9f            TXA
0575 a1 08         CMP      #0x8
0577 25 f3         BCS      LAB_056c


                   LAB_0579                                 XREF[1]:    FUN_03f4:041a(j)
0579 cc 01 42      JMP      ProcessData                     undefined ProcessData()
                   -- Flow Override: CALL_RETURN (CALL_TERMINATOR)


                   *************************************************************
                   *                      FUNCTION                            *
                   *************************************************************
                   undefined FUN_057c()
 undefined         A:1             <RETURN>
                   FUN_057c                                 XREF[1]:    FUN_041d:0570(c)
057c 04 1b 07      BRSET    0x2,DAT_001b,LAB_0586           = FFh
057f a6 2e         LDA      #0x2e


                   LAB_0581                                 XREF[1]:    0588(j)
0581 cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0584 20 04         BRA      LAB_058a


                   LAB_0586                                 XREF[1]:    057c(j)
0586 a6 7c         LDA      #0x7c
0588 20 f7         BRA      LAB_0581


                   LAB_058a                                 XREF[1]:    0584(j)
058a 00 1b 06      BRSET    0x0,DAT_001b,LAB_0593           = FFh
058d a6 2e         LDA      #0x2e


                   LAB_058f                                 XREF[1]:    0595(j)
058f cd 05 d2      JSR      FUN_05d2                        undefined FUN_05d2()
0592 81            RTS


                   LAB_0593                                 XREF[1]:    058a(j)
0593 a6 7c         LDA      #0x7c
0595 20 f8         BRA      LAB_058f
```

```
                    ****************************************************************
                    *                         FUNCTION                            *
                    ****************************************************************
                    undefined FUN_0597()
      undefined         A:1            <RETURN>
                    FUN_0597                                  XREF[1]:    FUN_03cf:03e8(c)
   0597 3c 24           INC        DAT_0024                          = FFh
   0599 b6 24           LDA        DAT_0024                          = FFh
   059b a1 03           CMP        #0x3
   059d 26 03           BNE        LAB_05a2
   059f cd 05 c8        JSR        FUN_05c8                          undefined FUN_05c8()


                    LAB_05a2                                  XREF[1]:    059d(j)
   05a2 04 1b 07        BRSET      0x2,DAT_001b,LAB_05ac             = FFh
   05a5 a6 30           LDA        #0x30


                    LAB_05a7                                  XREF[1]:    05ae(j)
   05a7 cd 05 d2        JSR        FUN_05d2                          undefined FUN_05d2()
   05aa 20 04           BRA        LAB_05b0


                    LAB_05ac                                  XREF[1]:    05a2(j)
   05ac a6 31           LDA        #0x31
   05ae 20 f7           BRA        LAB_05a7


                    LAB_05b0                                  XREF[1]:    05aa(j)
   05b0 3c 24           INC        DAT_0024                          = FFh
   05b2 b6 24           LDA        DAT_0024                          = FFh
   05b4 a1 03           CMP        #0x3
   05b6 26 03           BNE        LAB_05bb
   05b8 cd 05 c8        JSR        FUN_05c8                          undefined FUN_05c8()


                    LAB_05bb                                  XREF[1]:    05b6(j)
   05bb 00 1b 06        BRSET      0x0,DAT_001b,LAB_05c4             = FFh
   05be a6 30           LDA        #0x30


                    LAB_05c0                                  XREF[1]:    05c6(j)
   05c0 cd 05 d2        JSR        FUN_05d2                          undefined FUN_05d2()
   05c3 81              RTS


                    LAB_05c4                                  XREF[1]:    05bb(j)
   05c4 a6 31           LDA        #0x31
   05c6 20 f8           BRA        LAB_05c0


                    ****************************************************************
                    *                         FUNCTION                            *
                    ****************************************************************
                    undefined FUN_05c8()
      undefined         A:1            <RETURN>
                    FUN_05c8                                  XREF[2]:    FUN_0597:059f(c),
                                                                          FUN_0597:05b8(c)
   05c8 a6 2e           LDA        #0x2e
   05ca cd 05 d2        JSR        FUN_05d2                          undefined FUN_05d2()
   05cd a6 00           LDA        #0x0
   05cf b7 24           STA        DAT_0024                          = FFh
   05d1 81              RTS


                    ****************************************************************
                    *                         FUNCTION                            *
                    ****************************************************************
                    undefined FUN_05d2()
      undefined         A:1            <RETURN>
                    FUN_05d2                                  XREF[33]:   WaitForData:0388(c),
                                                                          FUN_03f4:0400(c),
                                                                          FUN_03f4:0412(c),
                                                                          FUN_041d:0433(c),
                                                                          FUN_041d:043b(c),
                                                                          FUN_041d:0443(c),
                                                                          FUN_041d:044b(c),
                                                                          FUN_041d:0453(c),
                                                                          FUN_041d:045b(c),
                                                                          FUN_041d:0463(c),
                                                                          FUN_041d:046b(c),
                                                                          FUN_041d:0493(c),
                                                                          FUN_041d:049b(c),
                                                                          FUN_041d:04a3(c),
                                                                          FUN_041d:04ab(c),
                                                                          FUN_041d:04f0(c),
                                                                          FUN_041d:04fa(c),
                                                                          FUN_041d:0513(c),
                                                                          FUN_041d:051d(c),
                                                                          FUN_041d:0530(c), [more]
   05d2 b7 49           STA        DAT_0049                          = FFh
   05d4 b6 48           LDA        DAT_0048                          = FFh
   05d6 a1 28           CMP        #0x28
```

```
05d8 26 07        BNE       LAB_05e1
05da a6 00        LDA       #0x0
05dc cd 06 b0     JSR       FUN_06b0                              undefined FUN_06b0()
05df 20 09        BRA       LAB_05ea


                  LAB_05e1                          XREF[1]:    05d8(j)
05e1 a1 68        CMP       #0x68
05e3 26 05        BNE       LAB_05ea
05e5 a6 40        LDA       #0x40
05e7 cd 06 b0     JSR       FUN_06b0                              undefined FUN_06b0()


                  LAB_05ea                          XREF[2]:    05df(j), 05e3(j)
05ea b6 49        LDA       DAT_0049                                  = FFh
05ec b7 01        STA       PORTB                                     = FFh
05ee 16 02        BSET      0x3,PORTC                                 = FFh
05f0 17 02        BCLR      0x3,PORTC                                 = FFh
05f2 3c 48        INC       DAT_0048                                  = FFh
05f4 a6 05        LDA       #0x5


                  LAB_05f6                          XREF[1]:    05f7(j)
05f6 4a           DECA
05f7 26 fd        BNE       LAB_05f6
05f9 a6 5f        LDA       #0x5f
05fb 81           RTS


        *************************************************************
        *                         FUNCTION                         *
        *************************************************************
                  undefined FUN_05fc()
    undefined     A:1             <RETURN>
                  FUN_05fc                          XREF[6]:    RESET:0107(c), RESET:010c(c),
                                                                RESET:0111(c),
                                                                WaitForData:037c(c),
                                                                FUN_0618:061a(c),
                                                                FUN_06b0:06b8(c)
05fc b7 01        STA       PORTB                                     = FFh
05fe 15 02        BCLR      0x2,PORTC                                 = FFh
0600 16 02        BSET      0x3,PORTC                                 = FFh
0602 17 02        BCLR      0x3,PORTC                                 = FFh
0604 14 02        BSET      0x2,PORTC                                 = FFh
0606 a6 05        LDA       #0x5


                  LAB_0608                          XREF[1]:    0609(j)
0608 4a           DECA
0609 26 fd        BNE       LAB_0608
060b 81           RTS


        *************************************************************
        *                         FUNCTION                         *
        *************************************************************
                  undefined FUN_060c()
    undefined     A:1             <RETURN>
                  FUN_060c                          XREF[8]:    WaitForData:03bd(c),
                                                                WaitForData:03c4(c),
                                                                FUN_041d:04c4(c),
                                                                FUN_041d:04d3(c),
                                                                FUN_041d:04e4(c),
                                                                FUN_041d:0509(c),
                                                                FUN_041d:0525(c), 0615(j)
060c f6           LDA       X
060d a1 22        CMP       #0x22
060f 27 06        BEQ       LAB_0617
0611 cd 05 d2     JSR       FUN_05d2                              undefined FUN_05d2()
0614 5c           INCX
0615 20 f5        BRA       FUN_060c


                  LAB_0617                          XREF[1]:    060f(j)
0617 81           RTS


        *************************************************************
        *                         FUNCTION                         *
        *************************************************************
                  undefined FUN_0618()
    undefined     A:1             <RETURN>
                  FUN_0618                          XREF[3]:    RESET:0114(c), FUN_011f:0138(c),
                                                                WaitForData:02e6(c)
0618 a6 01        LDA       #0x1
061a cd 05 fc     JSR       FUN_05fc                              undefined FUN_05fc()
061d a6 b4        LDA       #0xb4


                  LAB_061f                          XREF[1]:    0620(j)
061f 4a           DECA
0620 26 fd        BNE       LAB_061f
0622 81           RTS
```

```
                    **************************************************************
                    *                       FUNCTION                          *
                    **************************************************************
                    undefined FUN_0623()
        undefined       A:1              <RETURN>
                    FUN_0623                                    XREF[9]:     FUN_03cf:03e1(c),
                                                                             FUN_041d:04ed(c),
                                                                             FUN_041d:04f7(c),
                                                                             FUN_041d:0510(c),
                                                                             FUN_041d:051a(c),
                                                                             FUN_041d:0537(c),
                                                                             FUN_041d:0541(c),
                                                                             FUN_041d:0550(c),
                                                                             FUN_041d:055a(c)
     0623 5c            INCX
     0624 bf 1f         STX         DAT_001f                          = FFh
     0626 b7 1b         STA         DAT_001b                          = FFh
     0628 1f 1b         BCLR        0x7,DAT_001b                      = FFh
     062a ae 00         LDX         #0x0

                    LAB_062c                                    XREF[1]:     0637(j)
     062c d6 07 59      LDA         DAT_0759,X                        = 77h
     062f b1 1b         CMP         DAT_001b                          = FFh
     0631 27 09         BEQ         LAB_063c
     0633 5c            INCX
     0634 5c            INCX
     0635 a1 ff         CMP         #0xff
     0637 26 f3         BNE         LAB_062c
     0639 a6 20         LDA         #0x20
     063b 81            RTS

                    LAB_063c                                    XREF[1]:     0631(j)
     063c 5c            INCX
     063d d6 07 59      LDA         0x759,X=>DAT_075a                 = 20h
     0640 81            RTS

                    **************************************************************
                    *                       FUNCTION                          *
                    **************************************************************
                    undefined FUN_0641()
        undefined       A:1              <RETURN>
                    FUN_0641                                    XREF[2]:     WaitForData:02fc(c),
                                                                             WaitForData:0322(c)
     0641 bf 1f         STX         DAT_001f                          = FFh
     0643 a6 00         LDA         #0x0
     0645 b7 1d         STA         DAT_001d                          = FFh
     0647 ae 00         LDX         #0x0

                    LAB_0649                                    XREF[1]:     0654(j)
     0649 d6 06 bc      LDA         DAT_06bc,X                        = 08h
                                                                      = 0Eh
     064c b1 1c         CMP         DAT_001c                          = FFh
     064e 27 08         BEQ         LAB_0658
     0650 5c            INCX
     0651 5c            INCX
     0652 a1 fe         CMP         #0xfe
     0654 26 f3         BNE         LAB_0649
     0656 20 23         BRA         LAB_067b

                    LAB_0658                                    XREF[1]:     064e(j)
     0658 5c            INCX
     0659 d6 06 bc      LDA         0x6bc,X=>DAT_06bd                 = 80h
     065c b7 1d         STA         DAT_001d                          = FFh
     065e 0e 1d 1e      BRSET       0x7,DAT_001d,LAB_067f             = FFh
     0661 97            TAX

                    LAB_0662                                    XREF[1]:     0679(j)
     0662 d6 06 fd      LDA         0x6fd,X=>DAT_077d                 = 4Eh
                                                                      = 80h
     0665 a1 ff         CMP         #0xff
     0667 26 0a         BNE         LAB_0673
     0669 5c            INCX
     066a d6 06 fd      LDA         0x6fd,X=>DAT_077e                 = 09h
     066d a1 ff         CMP         #0xff
     066f 27 0a         BEQ         LAB_067b
     0671 20 13         BRA         LAB_0686

                    LAB_0673                                    XREF[1]:     0667(j)
     0673 b1 1b         CMP         DAT_001b                          = FFh
     0675 27 0e         BEQ         LAB_0685
     0677 5c            INCX
     0678 5c            INCX
     0679 20 e7         BRA         LAB_0662
```

```
                    LAB_067b                              XREF[2]:    0656(j), 066f(j)
    067b a6 20          LDA        #0x20
    067d 20 0c          BRA        LAB_068b


                    LAB_067f                              XREF[1]:    065e(j)
    067f 1f 1d          BCLR       0x7,DAT_001d                   = FFh
    0681 b6 1d          LDA        DAT_001d                       = FFh
    0683 20 06          BRA        LAB_068b


                    LAB_0685                              XREF[1]:    0675(j)
    0685 5c             INCX


                    LAB_0686                              XREF[1]:    0671(j)
    0686 d6 06 fd       LDA        0x6fd,X=>DAT_077e              = 09h
    0689 b7 1d          STA        DAT_001d                       = FFh


                    LAB_068b                              XREF[2]:    067d(j), 0683(j)
    068b be 1f          LDX        DAT_001f                       = FFh
    068d b1 1d          CMP        DAT_001d                       = FFh
    068f 81             RTS


                    ****************************************************************
                    *                        FUNCTION                              *
                    ****************************************************************
                    undefined FUN_0690()
    undefined         A:1            <RETURN>
                    FUN_0690                              XREF[12]:   WaitForData:0383(c),
                                                                      WaitForData:03a8(c),
                                                                      WaitForData:03ad(c),
                                                                      FUN_03f4:03f6(c),
                                                                      FUN_03f4:040d(c),
                                                                      FUN_041d:0427(c),
                                                                      FUN_041d:047e(c),
                                                                      FUN_041d:0489(c),
                                                                      FUN_041d:04b0(c),
                                                                      FUN_041d:04c9(c),
                                                                      FUN_041d:04d8(c),
                                                                      FUN_041d:0562(c)
    0690 a1 28          CMP        #0x28
    0692 2b 12          BMI        LAB_06a6
    0694 a0 40          SUB        #0x40
    0696 bb 47          ADD        DAT_0047                       = FFh
    0698 b7 46          STA        DAT_0046                       = FFh
    069a a1 28          CMP        #0x28
    069c 2b 02          BMI        LAB_06a0
    069e a0 28          SUB        #0x28


                    LAB_06a0                              XREF[1]:    069c(j)
    06a0 ab 40          ADD        #0x40
    06a2 b7 46          STA        DAT_0046                       = FFh
    06a4 20 0c          BRA        LAB_06b2


                    LAB_06a6                              XREF[1]:    0692(j)
    06a6 bb 47          ADD        DAT_0047                       = FFh
    06a8 b7 46          STA        DAT_0046                       = FFh
    06aa a1 28          CMP        #0x28
    06ac 2b 04          BMI        LAB_06b2
    06ae a0 28          SUB        #0x28


                    ****************************************************************
                    *                        FUNCTION                              *
                    ****************************************************************
                    undefined FUN_06b0()
    undefined         A:1            <RETURN>
                    FUN_06b0                              XREF[2]:    FUN_05d2:05dc(c),
                                                                      FUN_05d2:05e7(c)
    06b0 b7 46          STA        DAT_0046                       = FFh


                    LAB_06b2                              XREF[2]:    FUN_0690:06a4(j),
                                                                      FUN_0690:06ac(j)
    06b2 b7 48          STA        DAT_0048                       = FFh
    06b4 1e 46          BSET       0x7,DAT_0046                   = FFh
    06b6 b6 46          LDA        DAT_0046                       = FFh
    06b8 cd 05 fc       JSR        FUN_05fc                       undefined FUN_05fc()
    06bb 81             RTS


                    DAT_06bc                              XREF[1]:    FUN_0641:0649(R)
    06bc 08             undefined1 08h


                    DAT_06bd                              XREF[1]:    FUN_0641:0659(R)
    06bd 80             undefined1 80h


                    DAT_06be                              XREF[1]:    FUN_0641:0649(R)
    06be 0e             undefined1 0Eh
```

```
06bf 80              ??        80h
06c0 0f              ??        0Fh
06c1 80              ??        80h
06c2 8f              ??        8Fh
06c3 80              ??        80h
06c4 ef              ??        EFh
06c5 80              ??        80h
06c6 ff              ??        FFh
06c7 80              ??        80h
06c8 00              ??        00h
06c9 00              ??        00h
06ca d5              ??        D5h
06cb 54              ??        54h    T
06cc d4              ??        D4h
06cd 4c              ??        4Ch    L
06ce 22              ??        22h    "
06cf 2c              ??        2Ch    ,
06d0 40              ??        40h    @
06d1 cc              ??        CCh
06d2 63              ??        63h    c
06d3 cd              ??        CDh
06d4 1c              ??        1Ch
06d5 1e              ??        1Eh
06d6 1d              ??        1Dh
06d7 26              ??        26h    &
06d8 41              ??        41h    A
06d9 46              ??        46h    F
06da 0d              ??        0Dh
06db 16              ??        16h
06dc 03              ??        03h
06dd b1              ??        B1h
06de 05              ??        05h
06df 08              ??        08h
06e0 09              ??        09h
06e1 b4              ??        B4h
06e2 0c              ??        0Ch
06e3 10              ??        10h
06e4 02              ??        02h
06e5 af              ??        AFh
06e6 16              ??        16h
06e7 da              ??        DAh
06e8 54              ??        54h    T
06e9 32              ??        32h    2
06ea 55              ??        55h    U
06eb 38              ??        38h    8
06ec 61              ??        61h    a
06ed ce              ??        CEh
06ee 80              ??        80h
06ef ad              ??        ADh
06f0 42              ??        42h    B
06f1 d6              ??        D6h
06f2 88              ??        88h
06f3 ab              ??        ABh
06f4 95              ??        95h
06f5 c0              ??        C0h
06f6 aa              ??        AAh
06f7 aa              ??        AAh
06f8 c1              ??        C1h
06f9 c8              ??        C8h
06fa c2              ??        C2h
06fb cb              ??        CBh
06fc fe              ??        FEh
06fd 00              ??        00h
06fe 20              ??        20h
06ff 20              ??        20h
0700 2e              ??        2Eh    .
0701 80              ??        80h
0702 2c              ??        2Ch    ,
0703 ff              ??        FFh
0704 ff              ??        FFh
0705 02              ??        02h
0706 37              ??        37h    7
0707 0b              ??        0Bh
0708 33              ??        33h    3
0709 19              ??        19h
070a 32              ??        32h    2
070b ff              ??        FFh
070c ff              ??        FFh
070d 0b              ??        0Bh
070e 35              ??        35h    5
070f 1b              ??        1Bh
0710 36              ??        36h    6
0711 ff              ??        FFh
0712 ff              ??        FFh
0713 0b              ??        0Bh
```

```
0714 39              ??        39h    9
0715 1a              ??        1Ah
0716 30              ??        30h    0
0717 1b              ??        1Bh
0718 38              ??        38h    8
0719 ff              ??        FFh
071a ff              ??        FFh
071b 10              ??        10h
071c 54              ??        54h    T
071d 38              ??        38h    8
071e 49              ??        49h    I
071f b0              ??        B0h
0720 4a              ??        4Ah    J
0721 ff              ??        FFh
0722 ff              ??        FFh
0723 3a              ??        3Ah    :
0724 44              ??        44h    D
0725 3b              ??        3Bh    ;
0726 42              ??        42h    B
0727 ff              ??        FFh
0728 ff              ??        FFh
0729 10              ??        10h
072a 59              ??        59h    Y
072b 44              ??        44h    D
072c 58              ??        58h    X
072d ff              ??        FFh
072e ff              ??        FFh
072f a8              ??        A8h
0730 43              ??        43h    C
0731 ab              ??        ABh
0732 47              ??        47h    G
0733 ff              ??        FFh
0734 ff              ??        FFh
0735 11              ??        11h
0736 3f              ??        3Fh    ?
0737 aa              ??        AAh
0738 4f              ??        4Fh    O
0739 ae              ??        AEh
073a 51              ??        51h    Q
073b ff              ??        FFh
073c ff              ??        FFh
073d ff              ??        FFh
073e ff              ??        FFh
073f ff              ??        FFh
0740 ff              ??        FFh
0741 ff              ??        FFh
0742 ff              ??        FFh
0743 aa              ??        AAh
0744 55              ??        55h    U
0745 c6              ??        C6h
0746 57              ??        57h    W
0747 ff              ??        FFh
0748 ff              ??        FFh
0749 2b              ??        2Bh    +
074a 53              ??        53h    S
074b 80              ??        80h
074c 46              ??        46h    F
074d a8              ??        A8h
074e 45              ??        45h    E
074f ff              ??        FFh
0750 ff              ??        FFh
0751 81              ??        81h
0752 50              ??        50h    P
0753 83              ??        83h
0754 41              ??        41h    A
0755 85              ??        85h
0756 52              ??        52h    R
0757 ff              ??        FFh
0758 ff              ??        FFh


                 DAT_0759                              XREF[1]:    FUN_0623:062c(R)
0759 00              undefined1 00h

                 DAT_075a                              XREF[1]:    FUN_0623:063d(R)
075a 20              undefined1 20h

                 DAT_075b                              XREF[1]:    FUN_0623:062c(R)
075b 77              undefined1 77h
075c 30              ??        30h    0
075d 11              ??        11h
075e 31              ??        31h    1
075f 6b              ??        6Bh    k
0760 32              ??        32h    2
0761 3b              ??        3Bh    ;
0762 33              ??        33h    3
```

```
0763 1d            ??         1Dh
0764 34            ??         34h     4
0765 3e            ??         3Eh     >
0766 35            ??         35h     5
0767 7e            ??         7Eh     ~
0768 36            ??         36h     6
0769 13            ??         13h
076a 37            ??         37h     7
076b 7f            ??         7Fh
076c 38            ??         38h     8
076d 3f            ??         3Fh     ?
076e 39            ??         39h     9
076f 50            ??         50h     P
0770 ff            ??         FFh
0771 51            ??         51h     Q
0772 ff            ??         FFh
0773 54            ??         54h     T
0774 ff            ??         FFh
0775 55            ??         55h     U
0776 ff            ??         FFh
0777 4f            ??         4Fh     O
0778 20            ??         20h
0779 66            ??         66h     f
077a 20            ??         20h
077b ff            ??         FFh
077c cf            ??         CFh


                   DAT_077d                                XREF[1]:    FUN_0641:0662(R)
077d 4e               undefined1 4Eh


                   DAT_077e                                XREF[2]:    FUN_0641:066a(R),
                                                                       FUN_0641:0686(R)
077e 09               undefined1 09h


                   DAT_077f                                XREF[1]:    FUN_0641:0662(R)
077f 80               undefined1 80h
0780 00            ??         00h
0781 c5            ??         C5h
0782 00            ??         00h
0783 00            ??         00h


                   MOR - Mask Option Register
                   Located at 0x784 on Px
                   MOR
0784 20            ??         20h
                   bootstrap ROM at 0x785-0x7f7
0785 ff            ??         FFh
0786 ff            ??         FFh
0787 ff            ??         FFh
0788 ff            ??         FFh
0789 ff            ??         FFh
078a ff            ??         FFh
078b ff            ??         FFh
078c ff            ??         FFh
078d ff            ??         FFh
078e ff            ??         FFh
078f ff            ??         FFh
0790 ff            ??         FFh
0791 ff            ??         FFh
0792 ff            ??         FFh
0793 ff            ??         FFh
0794 ff            ??         FFh
0795 ff            ??         FFh
0796 ff            ??         FFh
0797 ff            ??         FFh
0798 ff            ??         FFh
0799 ff            ??         FFh
079a ff            ??         FFh
079b ff            ??         FFh
079c ff            ??         FFh
079d ff            ??         FFh
079e ff            ??         FFh
079f ff            ??         FFh
07a0 ff            ??         FFh
07a1 ff            ??         FFh
07a2 ff            ??         FFh
07a3 ff            ??         FFh
07a4 ff            ??         FFh
07a5 ff            ??         FFh
07a6 ff            ??         FFh
07a7 ff            ??         FFh
07a8 ff            ??         FFh
07a9 ff            ??         FFh
07aa ff            ??         FFh
07ab ff            ??         FFh
```

```
07ac ff          ??        FFh
07ad ff          ??        FFh
07ae ff          ??        FFh
07af ff          ??        FFh
07b0 ff          ??        FFh
07b1 ff          ??        FFh
07b2 ff          ??        FFh
07b3 ff          ??        FFh
07b4 ff          ??        FFh
07b5 ff          ??        FFh
07b6 ff          ??        FFh
07b7 ff          ??        FFh
07b8 ff          ??        FFh
07b9 ff          ??        FFh
07ba ff          ??        FFh
07bb ff          ??        FFh
07bc ff          ??        FFh
07bd ff          ??        FFh
07be ff          ??        FFh
07bf ff          ??        FFh
07c0 ff          ??        FFh
07c1 ff          ??        FFh
07c2 ff          ??        FFh
07c3 ff          ??        FFh
07c4 ff          ??        FFh
07c5 ff          ??        FFh
07c6 ff          ??        FFh
07c7 ff          ??        FFh
07c8 ff          ??        FFh
07c9 ff          ??        FFh
07ca ff          ??        FFh
07cb ff          ??        FFh
07cc ff          ??        FFh
07cd ff          ??        FFh
07ce ff          ??        FFh
07cf ff          ??        FFh
07d0 ff          ??        FFh
07d1 ff          ??        FFh
07d2 ff          ??        FFh
07d3 ff          ??        FFh
07d4 ff          ??        FFh
07d5 ff          ??        FFh
07d6 ff          ??        FFh
07d7 ff          ??        FFh
07d8 ff          ??        FFh
07d9 ff          ??        FFh
07da ff          ??        FFh
07db ff          ??        FFh
07dc ff          ??        FFh
07dd ff          ??        FFh
07de ff          ??        FFh
07df ff          ??        FFh
07e0 ff          ??        FFh
07e1 ff          ??        FFh
07e2 ff          ??        FFh
07e3 ff          ??        FFh
07e4 ff          ??        FFh
07e5 ff          ??        FFh
07e6 ff          ??        FFh
07e7 ff          ??        FFh
07e8 ff          ??        FFh
07e9 ff          ??        FFh
07ea ff          ??        FFh
07eb ff          ??        FFh
07ec ff          ??        FFh
07ed ff          ??        FFh
07ee ff          ??        FFh
07ef ff          ??        FFh
07f0 ff          ??        FFh
07f1 ff          ??        FFh
07f2 ff          ??        FFh
07f3 ff          ??        FFh
07f4 ff          ??        FFh
07f5 ff          ??        FFh
07f6 ff          ??        FFh
07f7 ff          ??        FFh
07f8 00 d6       addr      RESET                    Timer Interrupt Vector
07fa 00 d6       addr      RESET                    External Interrupt Vector
07fc 00 d6       addr      RESET                    SWI Vector
07fe 00 d6       addr      RESET                    Reset vector
```