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# Board Station BOM file
# date : Wednesday May 12, 2004; 16:02:13


  ITEM_NUMBER      COMPANY PART NO.        GEOMETRY      COUNT       DESCRIPTION
        REFERENCE

      1              PN-ASD_BGA         bga108_.8_sp      2     ASDBLR_BGA
     IC1 IC2
      2               PN-BAV99             sot23         16     BAV99
     D2 D4 D6 D8 D10

     D12 D14 D16 D18

     D20 D22 D24 D26

     D28 D30 D32
      3         PN-CSMD*10N-0603-X7R     so0603dec       18     CSMD10n_0603dec
     C21 C22 C23 C24

     C25 C26 C29 C31

     C34 C36 C37 C38

     C39 C40 C41 C42

     C52 U1
      4         PN-CSMD*1P8-0603-NP0       so0603         4     CSMD1p8_0603
     C17 C18 U2 U3
      5         PN-CSMD*U10-0603-X7R     so0603dec       20     CSMD100n_0603dec
     C43 C44 C45 C46

     C47 C48 C49 C50

     C51 C53 C54 C55

     C56 C57 C58 C59

     C60 C61 C62 C63
      6           PN-Connector1x1         conn1x1        16     EDGE_1x1p
     BIA BIA_2 EN1 EN2

     GND J7 J8 J10 J12

     J14 J15 J18 MA1

     MA2 MB1 MB2
      7           PN-Connector2x1         conn2x1         1     EDGE_2x1p
     J3
      8           PN-Connector2x50       FTSH_2x50        1     FTSH_2x50
     J1
      9                PN-M3              m3_hole         3     m3_hole
     S1 S2 S3
     10           PN-RSMD*10-0603          so0603         2     RSMD10E_0603
     R33 R34
     11           PN-RSMD*100-0603         so0603        10     RSMD100E_0603
     R81 R86 R89 R96

     R132 R133 R134
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R135 R136 R137
12 PN-RSMD*1E0-0603 so0603 12 RSMD1E0_0603
R75 R76 R77 R78

R79 R80 R84 R91

R92 R93 R94 R95
13 PN-RSMD*1K0-0603 so0603 6 RSMD1K0_0603
R39 R40 R41 R42

R99 U4
14 PN-RSMD*1K5-0402 so0402 16 RSMD1K5_0402
R101 R102 R104

R106 R108 R110

R112 R114 R117

R118 R120 R122

R124 R126 R128

R130
15 PN-RSMD*33-0603 so0603 16 RSMD33E_0603
R44 R46 R48 R50

R52 R54 R56 R58

R60 R62 R64 R66

R68 R70 R72 R74
16 PN-RSMD*33-1206_melf so1206 16 RSMD33E_1206_mel
f R2 R4 R6 R8 R10

R12 R14 R16 R18

R20 R22 R24 R26

R28 R30 R32
17 PN-RSMD*3K3-0603 so0603 2 RSMD3K3_0603
R37 R38
18 PN-RSMD*3K9-0402 so0402 16 RSMD3K9_0402
R100 R103 R105

R107 R109 R111

R113 R115 R116

R119 R121 R123

R125 R127 R129

R131
19 PN-RSMD*47-0603 so0603 2 RSMD47E_0603
R97 R98
20 PN-connector2x25 FSH_2x25 1 FSH_2x25
J2

REFERENCE	ITEM_NUMBER	COMPANY PART NO.	GEOMETRY	DESCRIPTION
BIA	6	PN-Connector1x1	conn1x1	EDGE_1x1p
BIA_2	6	PN-Connector1x1	conn1x1	EDGE_1x1p
C17	4	PN-CSMD*1P8-0603-NP0	so0603	CSMD1p8_0603
C18	4	PN-CSMD*1P8-0603-NP0	so0603	CSMD1p8_0603
C21	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C22	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C23	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C24	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C25	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C26	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C29	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C31	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C34	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C36	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C37	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C38	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C39	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C40	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C41	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C42	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD10n_0603dec
C43	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C44	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C45	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C46	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C47	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C48	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C49	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C50	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD100n_0603dec
C51	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1

00n_0603dec				
C52	3	PN-CSMD*10N-0603-X7R	so0603dec	CSMD1
0n_0603dec				
C53	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C54	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C55	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C56	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C57	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C58	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C59	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C60	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C61	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C62	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
C63	5	PN-CSMD*U10-0603-X7R	so0603dec	CSMD1
00n_0603dec				
D2	2	PN-BAV99	sot23	BAV99
D4	2	PN-BAV99	sot23	BAV99
D6	2	PN-BAV99	sot23	BAV99
D8	2	PN-BAV99	sot23	BAV99
D10	2	PN-BAV99	sot23	BAV99
D12	2	PN-BAV99	sot23	BAV99
D14	2	PN-BAV99	sot23	BAV99
D16	2	PN-BAV99	sot23	BAV99
D18	2	PN-BAV99	sot23	BAV99
D20	2	PN-BAV99	sot23	BAV99
D22	2	PN-BAV99	sot23	BAV99
D24	2	PN-BAV99	sot23	BAV99
D26	2	PN-BAV99	sot23	BAV99
D28	2	PN-BAV99	sot23	BAV99
D30	2	PN-BAV99	sot23	BAV99
D32	2	PN-BAV99	sot23	BAV99
EN1	6	PN-Connector1x1	conn1x1	EDGE_
1x1p				
EN2	6	PN-Connector1x1	conn1x1	EDGE_

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1x1p
        GND                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        IC1                 1             PN-ASD_BGA         bga108_.8_sp  ASDBL
R_BGA
        IC2                 1             PN-ASD_BGA         bga108_.8_sp  ASDBL
R_BGA
         J1                 8          PN-Connector2x50       FTSH_2x50    FTSH_
2x50
         J2                20          PN-connector2x25        FSH_2x25    FSH_2
x25
         J3                 7          PN-Connector2x1         conn2x1     EDGE_
2x1p
         J7                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
         J8                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        J10                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        J12                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        J14                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        J15                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        J18                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        MA1                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        MA2                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        MB1                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
        MB2                 6          PN-Connector1x1         conn1x1     EDGE_
1x1p
         R2                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
         R4                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
         R6                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
         R8                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R10                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R12                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R14                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R16                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R18                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R20                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R22                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R24                16       PN-RSMD*33-1206_melf        so1206     RSMD3
3E_1206_melf
        R26                16       PN-RSMD*33-1206_melf        so1206     RSMD3
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3E_1206_melf					
	R28	16	PN-RSMD*33-1206_melf	so1206	RSMD3
3E_1206_melf					
	R30	16	PN-RSMD*33-1206_melf	so1206	RSMD3
3E_1206_melf					
	R32	16	PN-RSMD*33-1206_melf	so1206	RSMD3
3E_1206_melf					
	R33	10	PN-RSMD*10-0603	so0603	RSMD1
0E_0603					
	R34	10	PN-RSMD*10-0603	so0603	RSMD1
0E_0603					
	R37	17	PN-RSMD*3K3-0603	so0603	RSMD3
K3_0603					
	R38	17	PN-RSMD*3K3-0603	so0603	RSMD3
K3_0603					
	R39	13	PN-RSMD*1K0-0603	so0603	RSMD1
K0_0603					
	R40	13	PN-RSMD*1K0-0603	so0603	RSMD1
K0_0603					
	R41	13	PN-RSMD*1K0-0603	so0603	RSMD1
K0_0603					
	R42	13	PN-RSMD*1K0-0603	so0603	RSMD1
K0_0603					
	R44	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R46	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R48	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R50	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R52	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R54	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R56	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R58	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R60	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R62	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R64	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R66	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R68	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R70	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R72	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R74	15	PN-RSMD*33-0603	so0603	RSMD3
3E_0603					
	R75	12	PN-RSMD*1E0-0603	so0603	RSMD1
E0_0603					
	R76	12	PN-RSMD*1E0-0603	so0603	RSMD1
E0_0603					
	R77	12	PN-RSMD*1E0-0603	so0603	RSMD1

E0_0603
R78 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R79 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R80 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R81 11 PN-RSMD*100-0603 so0603 RSMD1
00E_0603
R84 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R86 11 PN-RSMD*100-0603 so0603 RSMD1
00E_0603
R89 11 PN-RSMD*100-0603 so0603 RSMD1
00E_0603
R91 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R92 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R93 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R94 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R95 12 PN-RSMD*1E0-0603 so0603 RSMD1
E0_0603
R96 11 PN-RSMD*100-0603 so0603 RSMD1
00E_0603
R97 19 PN-RSMD*47-0603 so0603 RSMD4
7E_0603
R98 19 PN-RSMD*47-0603 so0603 RSMD4
7E_0603
R99 13 PN-RSMD*1K0-0603 so0603 RSMD1
K0_0603
R100 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R101 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R102 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R103 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R104 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R105 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R106 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R107 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R108 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R109 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R110 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R111 18 PN-RSMD*3K9-0402 so0402 RSMD3
K9_0402
R112 14 PN-RSMD*1K5-0402 so0402 RSMD1
K5_0402
R113 18 PN-RSMD*3K9-0402 so0402 RSMD3

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K9_0402
        R114                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R115                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R116                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R117                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R118                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R119                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R120                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R121                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R122                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R123                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R124                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R125                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R126                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R127                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R128                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R129                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R130                14          PN-RSMD*1K5-0402         so0402     RSMD1
K5_0402
        R131                18          PN-RSMD*3K9-0402         so0402     RSMD3
K9_0402
        R132                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
        R133                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
        R134                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
        R135                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
        R136                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
        R137                11          PN-RSMD*100-0603         so0603     RSMD1
00E_0603
         S1                  9               PN-M3              m3_hole     m3_ho
le
         S2                  9               PN-M3              m3_hole     m3_ho
le
         S3                  9               PN-M3              m3_hole     m3_ho
le
         U1                  3        PN-CSMD*10N-0603-X7R      so0603dec   CSMD1
0n_0603dec
         U2                  4        PN-CSMD*1P8-0603-NP0       so0603     CSMD1
p8_0603
         U3                  4        PN-CSMD*1P8-0603-NP0       so0603     CSMD1
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p8_0603
U4 13 PN-RSMD*1K0-0603 so0603 RSMD1
K0_0603