VME
DSY_OUT
DSY_IN
CLK_CNTL

STAT7A_STAT P15 a1
STAT7A_STAT P15 b1
STAT7A_ACPT P15 c1
STAT7A_ACPT P15 d1
STAT7A_BX0 P15 a2
STAT7A_BX0 P15 b2
STAT7A_RST P15 c2
STAT7A_RST P15 d2
STAT7A_CLK P15 a3
STAT7A_CLK P15 b3
STAT7A_SLTID

DSY11_TACK J15 21a
DSY11_BG0 J15 4b
DSY11_BG1 J15 6b
DSY11_BG2 J15 8b
DSY11_BG3 J15 10b

J15 3d
R31 475
U11 74FCT2541CT
net5
DSY11_TACK DSY12_TACK
DSY11_BG0 DSY12_BG0
DSY11_BG1 DSY12_BG1
DSY11_BG2 DSY12_BG2
DSY11_BG3 DSY12_BG3
R32 475 plus5

DSY12_BG0 J15 5b
DSY12_TACK J15 22a
DSY12_BG1 J15 7b
DSY12_BG2 J15 9b
DSY12_BG3 J15 11b

A24 J15 4d
A25 J15 5d
A26 J15 6d
A27 J15 7d
A28 J15 8d
A29 J15 9d
A30 J15 10d
A31 J15 11d
D16 J15 14d
D17 J15 15d
D18 J15 16d
D19 J15 17d
D20 J15 18d
D21 J15 19d
D22 J15 20d
D23 J15 21d
D24 J15 23d
D25 J15 24d
D26 J15 25d
D27 J15 26d
D28 J15 27d
D29 J15 28d
D30 J15 29d
D31 J15 30d

D8 J15 1c
D9 J15 2c
D10 J15 3c
D11 J15 4c
D12 J15 5c
D13 J15 6c
D14 J15 7c
D15 J15 8c
SYSFAIL J15 10c
BERR J15 11c
SYSRESET J15 12c
LWORD J15 13c
AM5 J15 14c
A23 J15 15c
A22 J15 16c
A21 J15 17c
A20 J15 18c
A19 J15 19c
A18 J15 20c
A17 J15 21c
A16 J15 22c
A15 J15 23c
A14 J15 24c
A13 J15 25c
A12 J15 26c
A11 J15 27c
A10 J15 28c
A9 J15 29c
A8 J15 30c

BBSY J15 1b
BCLR J15 2b
ACFAIL J15 3b
BR0 J15 12b
BR1 J15 13b
BR2 J15 14b
BR3 J15 15b
AM0 J15 16b
AM1 J15 17b
AM2 J15 18b
AM3 J15 19b
SERCLK J15 21b
SERDAT J15 22b
IRQ7 J15 24b
IRQ6 J15 25b
IRQ5 J15 26b
IRQ4 J15 27b
IRQ3 J15 28b
IRQ2 J15 29b
IRQ1 J15 30b
SYSTDBY J15 31b

D0 J15 1a
D1 J15 2a
D2 J15 3a
D3 J15 4a
D4 J15 5a
D5 J15 6a
D6 J15 7a
D7 J15 8a
SYSCLK J15 10a
DS1 J15 12a
DS0 J15 13a
WRITE J15 14a
DTACK J15 16a
AS J15 18a
IACK J15 20a
AM4 J15 23a
A7 J15 24a
A6 J15 25a
A5 J15 26a
A4 J15 27a
A3 J15 28a
A2 J15 29a
A1 J15 30a

J15 2d
J15 12d
J15 22d
J15 31d
plus5
J15 1d
J15 13d
J15 32d

J15 9c
plus12
J15 31c
plus5
J15 32c

J15 20b
J15 23b
plus5
J15 32b

J15 9a
J15 11a
J15 15a
J15 17a
J15 19a
minus12
J15 31a
plus5
J15 32a

plus5 plus5 minus12 plus12
C93 .1uF
C94 .1uF
C99 .1uF
C101 .1uF

DIRECT
W
NW
SW
N
S
SE
NE
E
ELEC

E2_E0 P15 a9
E2_E0 P15 b9
E2_E1 P15 c9
E2_E1 P15 d9
E2_E2 P15 a10
E2_E2 P15 b10
E2_E3 P15 c10
E2_E3 P15 d10
E2_E4 P15 a11
E2_E4 P15 b11
E2_E5 P15 c11
E2_E5 P15 d11
E2_E6 P15 a12
E2_E6 P15 b12
E2_E7 P15 c12
E2_E7 P15 d12

NE2_E0 P15 a13
NE2_E0 P15 b13
NE2_E1 P15 c13
NE2_E1 P15 d13
NE2_E2 P15 a14
NE2_E2 P15 b14
NE2_E3 P15 c14
NE2_E3 P15 d14

NE3_E0 P15 a15
NE3_E0 P15 b15
NE3_E1 P15 c15
NE3_E1 P15 d15
NE3_E2 P15 a16
NE3_E2 P15 b16
NE3_E3 P15 c16
NE3_E3 P15 d16

DRCT4_EG0 P15 a59
DRCT4_EG0 P15 b59
DRCT4_EG1 P15 c59
DRCT4_EG1 P15 d59
DRCT4_EG2 P15 a60
DRCT4_EG2 P15 b60
DRCT4_EG3 P15 c60
DRCT4_EG3 P15 d60
DRCT4_EG4 P15 a61
DRCT4_EG4 P15 b61
DRCT4_EG5 P15 c61
DRCT4_EG5 P15 d61
DRCT4_EG6 P15 a62
DRCT4_EG6 P15 b62
DRCT4_EG7 P15 c62
DRCT4_EG7 P15 d62
DRCT4_EH0 P15 a71
DRCT4_EH0 P15 b71
DRCT4_EH1 P15 c71
DRCT4_EH1 P15 d71
DRCT4_EH2 P15 a72
DRCT4_EH2 P15 b72
DRCT4_EH3 P15 c72
DRCT4_EH3 P15 d72
DRCT4_EH4 P15 a73
DRCT4_EH4 P15 b73
DRCT4_EH5 P15 c73
DRCT4_EH5 P15 d73
DRCT4_EH6 P15 a74
DRCT4_EH6 P15 b74
DRCT4_EH7 P15 c74
DRCT4_EH7 P15 d74

DRCT4_ED0 P15 a33
DRCT4_ED0 P15 b33
DRCT4_ED1 P15 c33
DRCT4_ED1 P15 d33
DRCT4_ED2 P15 a34
DRCT4_ED2 P15 b34
DRCT4_ED3 P15 c34
DRCT4_ED3 P15 d34
DRCT4_ED4 P15 a35
DRCT4_ED4 P15 b35
DRCT4_ED5 P15 c35
DRCT4_ED5 P15 d35
DRCT4_ED6 P15 a36
DRCT4_ED6 P15 b36
DRCT4_ED7 P15 c36
DRCT4_ED7 P15 d36
DRCT4_EE0 P15 a43
DRCT4_EE0 P15 b43
DRCT4_EE1 P15 c43
DRCT4_EE1 P15 d43
DRCT4_EE2 P15 a44
DRCT4_EE2 P15 b44
DRCT4_EE3 P15 c44
DRCT4_EE3 P15 d44
DRCT4_EE4 P15 a45
DRCT4_EE4 P15 b45
DRCT4_EE5 P15 c45
DRCT4_EE5 P15 d45
DRCT4_EE6 P15 a46
DRCT4_EE6 P15 b46
DRCT4_EE7 P15 c46
DRCT4_EE7 P15 d46
DRCT4_EF0 P15 a47
DRCT4_EF0 P15 b47
DRCT4_EF1 P15 c47
DRCT4_EF1 P15 d47
DRCT4_EF2 P15 a48
DRCT4_EF2 P15 b48
DRCT4_EF3 P15 c48
DRCT4_EF3 P15 d48
DRCT4_EF4 P15 a49
DRCT4_EF4 P15 b49
DRCT4_EF5 P15 c49
DRCT4_EF5 P15 d49
DRCT4_EF6 P15 a50
DRCT4_EF6 P15 b50
DRCT4_EF7 P15 c50
DRCT4_EF7 P15 d50

DRCT4_EA0 P15 a5
DRCT4_EA0 P15 b5
DRCT4_EA1 P15 c5
DRCT4_EA1 P15 d5
DRCT4_EA2 P15 a6
DRCT4_EA2 P15 b6
DRCT4_EA3 P15 c6
DRCT4_EA3 P15 d6
DRCT4_EA4 P15 a7
DRCT4_EA4 P15 b7
DRCT4_EA5 P15 c7
DRCT4_EA5 P15 d7
DRCT4_EA6 P15 b8
DRCT4_EA6 P15 a8
DRCT4_EA7 P15 c8
DRCT4_EA7 P15 d8
DRCT4_EB0 P15 a17
DRCT4_EB0 P15 b17
DRCT4_EB1 P15 c17
DRCT4_EB1 P15 d17
DRCT4_EB2 P15 a18
DRCT4_EB2 P15 b18
DRCT4_EB3 P15 c18
DRCT4_EB3 P15 d18
DRCT4_EB4 P15 a19
DRCT4_EB4 P15 b19
DRCT4_EB5 P15 c19
DRCT4_EB5 P15 d19
DRCT4_EB6 P15 a20
DRCT4_EB6 P15 b20
DRCT4_EB7 P15 c20
DRCT4_EB7 P15 d20
DRCT4_EC0 P15 a29
DRCT4_EC0 P15 b29
DRCT4_EC1 P15 c29
DRCT4_EC1 P15 d29
DRCT4_EC2 P15 a30
DRCT4_EC2 P15 b30
DRCT4_EC3 P15 c30
DRCT4_EC3 P15 d30
DRCT4_EC4 P15 a31
DRCT4_EC4 P15 b31
DRCT4_EC5 P15 c31
DRCT4_EC5 P15 d31
DRCT4_EC6 P15 a32
DRCT4_EC6 P15 b32
DRCT4_EC7 P15 c32
DRCT4_EC7 P15 d32

NSR0_E0 P15 a25
NSR0_E0 P15 b25
NSR0_E1 P15 c25
NSR0_E1 P15 d25
NSR0_E2 P15 a26
NSR0_E2 P15 b26
NSR0_E3 P15 c26
NSR0_E3 P15 d26
NSR0_E4 P15 a27
NSR0_E4 P15 b27
NSR0_E5 P15 c27
NSR0_E5 P15 d27
NSR0_E6 P15 a28
NSR0_E6 P15 b28
NSR0_E7 P15 c28
NSR0_E7 P15 d28
NSR1_E0 P15 a51
NSR1_E0 P15 b51
NSR1_E1 P15 c51
NSR1_E1 P15 d51
NSR1_E2 P15 a52
NSR1_E2 P15 b52
NSR1_E3 P15 c52
NSR1_E3 P15 d52
NSR1_E4 P15 a53
NSR1_E4 P15 b53
NSR1_E5 P15 c53
NSR1_E5 P15 d53
NSR1_E6 P15 a54
NSR1_E6 P15 b54
NSR1_E7 P15 c54
NSR1_E7 P15 d54

NHR0_E0 P15 a21
NHR0_E0 P15 b21
NHR0_E1 P15 c21
NHR0_E1 P15 d21
NHR0_E2 P15 a22
NHR0_E2 P15 b22
NHR0_E3 P15 c22
NHR0_E3 P15 d22
NHR0_E4 P15 a23
NHR0_E4 P15 b23
NHR0_E5 P15 c23
NHR0_E5 P15 d23
NHR0_E6 P15 a24
NHR0_E6 P15 b24
NHR0_E7 P15 c24
NHR0_E7 P15 d24
NHR1_E0 P15 a55
NHR1_E0 P15 b55
NHR1_E1 P15 c55
NHR1_E1 P15 d55
NHR1_E2 P15 a56
NHR1_E2 P15 b56
NHR1_E3 P15 c56
NHR1_E3 P15 d56
NHR1_E4 P15 a57
NHR1_E4 P15 b57
NHR1_E5 P15 c57
NHR1_E5 P15 d57
NHR1_E6 P15 a58
NHR1_E6 P15 b58
NHR1_E7 P15 c58
NHR1_E7 P15 d58

NE6_E0 P15 a63
NE6_E0 P15 b63
NE6_E1 P15 c63
NE6_E1 P15 d63
NE6_E2 P15 a64
NE6_E2 P15 b64
NE6_E3 P15 c64
NE6_E3 P15 d64

NW6_E0 P15 a65
NW6_E0 P15 b65
NW6_E1 P15 c65
NW6_E1 P15 d65
NW6_E2 P15 a66
NW6_E2 P15 b66
NW6_E3 P15 c66
NW6_E3 P15 d66

ELEC4_0 P15 a37
ELEC4_0 P15 b37
ELEC4_1 P15 c37
ELEC4_1 P15 d37
ELEC4_2 P15 a38
ELEC4_2 P15 b38
ELEC4_3 P15 c38
ELEC4_3 P15 d38
ELEC4_4 P15 a39
ELEC4_4 P15 b39
ELEC4_5 P15 c39
ELEC4_5 P15 d39

W6_E0 P15 a67
W6_E0 P15 b67
W6_E1 P15 c67
W6_E1 P15 d67
W6_E2 P15 a68
W6_E2 P15 b68
W6_E3 P15 c68
W6_E3 P15 d68
W6_E4 P15 a69
W6_E4 P15 b69
W6_E5 P15 c69
W6_E5 P15 d69
W6_E6 P15 a70
W6_E6 P15 b70
W6_E7 P15 c70
W6_E7 P15 d70

plus48 C96 .047uF
plus48 C103 .047uF
plus48 C98 .047uF
plus48 C105 .047uF

Changes	By	Date	Drawn JLL	Project CMS CAL TRIGGER PROCESSOR
			Date 29/4/96	PROCESSOR CRATE BACKPLANE
			CHK'D	BLOCK: EISO 4
			Scale	High Energy Physics
REV A	JLL	8/11/99	D0523	University of Wisconsin