VME
DSY_OUT
DSY_IN
CLK_CNTL

STAT2A_STAT P16 a1
STAT2A_STAT P16 b1
STAT2A_ACPT P16 c1
STAT2A_ACPT P16 d1
STAT2A_BX0 P16 a2
STAT2A_BX0 P16 b2
STAT2A_RST P16 c2
STAT2A_RST P16 d2
STAT2A_CLK P16 a3
STAT2A_CLK P16 b3
STAT2A_SLTID

DSY12_TACK J16 21a
DSY12_BG0 J16 4b
DSY12_BG1 J16 6b
DSY12_BG2 J16 8b
DSY12_BG3 J16 10b

J16 3d
R33 475
U13 74FCT2541CT
net12
DSY12_TACK DSY12_BG0 DSY12_BG1 DSY12_BG2 DSY12_BG3
DSY13_TACK DSY13_BG0 DSY13_BG1 DSY13_BG2 DSY13_BG3
R36 475 plus5

DSY13_BG0 J16 5b
DSY13_TACK J16 22a
DSY13_BG1 J16 7b
DSY13_BG2 J16 9b
DSY13_BG3 J16 11b

A24 J16 4d
A25 J16 5d
A26 J16 6d
A27 J16 7d
A28 J16 8d
A29 J16 9d
A30 J16 10d
A31 J16 11d
D16 J16 14d
D17 J16 15d
D18 J16 16d
D19 J16 17d
D20 J16 18d
D21 J16 19d
D22 J16 20d
D23 J16 21d
D24 J16 23d
D25 J16 24d
D26 J16 25d
D27 J16 26d
D28 J16 27d
D29 J16 28d
D30 J16 29d
D31 J16 30d

D8 J16 1c
D9 J16 2c
D10 J16 3c
D11 J16 4c
D12 J16 5c
D13 J16 6c
D14 J16 7c
D15 J16 8c
SYSFAIL J16 10c
BERR J16 11c
SYSRESET J16 12c
LWORD J16 13c
AM5 J16 14c
A23 J16 15c
A22 J16 16c
A21 J16 17c
A20 J16 18c
A19 J16 19c
A18 J16 20c
A17 J16 21c
A16 J16 22c
A15 J16 23c
A14 J16 24c
A13 J16 25c
A12 J16 26c
A11 J16 27c
A10 J16 28c
A9 J16 29c
A8 J16 30c

BBSY J16 1b
BCLR J16 2b
ACFAIL J16 3b
BR0 J16 12b
BR1 J16 13b
BR2 J16 14b
BR3 J16 15b
AM0 J16 16b
AM1 J16 17b
AM2 J16 18b
AM3 J16 19b
SERCLK J16 21b
SERDAT J16 22b
IRQ7 J16 24b
IRQ6 J16 25b
IRQ5 J16 26b
IRQ4 J16 27b
IRQ3 J16 28b
IRQ2 J16 29b
IRQ1 J16 30b
SYSTDBY J16 31b

D0 J16 1a
D1 J16 2a
D2 J16 3a
D3 J16 4a
D4 J16 5a
D5 J16 6a
D6 J16 7a
D7 J16 8a
SYSCLK J16 10a
DS1 J16 12a
DS0 J16 13a
WRITE J16 14a
DTACK J16 16a
AS J16 18a
IACK J16 20a
AM4 J16 23a
A7 J16 24a
A6 J16 25a
A5 J16 26a
A4 J16 27a
A3 J16 28a
A2 J16 29a
A1 J16 30a

J16 2d J16 12d J16 22d J16 31d
plus5 J16 1d J16 13d J16 32d
plus12 J16 9c J16 31c
plus5 J16 32c
plus5 J16 20b J16 23b J16 32b
minus12 J16 9a J16 11a J16 15a J16 17a J16 19a J16 31a
plus5 J16 32a

plus5 plus5 C100 .1uF C107 .1uF
minus12 plus12 C102 .1uF C109 .1uF

DIRECT
W
NW
SW
N
S
SE
NE
E
SUMOUT

W4_E0 P16 a9
W4_E0 P16 b9
W4_E1 P16 c9
W4_E1 P16 d9
W4_E2 P16 a10
W4_E2 P16 b10
W4_E3 P16 c10
W4_E3 P16 d10
W4_E4 P16 a11
W4_E4 P16 b11
W4_E5 P16 c11
W4_E5 P16 d11
W4_E6 P16 a12
W4_E6 P16 b12
W4_E7 P16 c12
W4_E7 P16 d12

NW4_E0 P16 a13
NW4_E0 P16 b13
NW4_E1 P16 c13
NW4_E1 P16 d13
NW4_E2 P16 a14
NW4_E2 P16 b14
NW4_E3 P16 c14
NW4_E3 P16 d14

SW4_E0 P16 a15
SW4_E0 P16 b15
SW4_E1 P16 c15
SW4_E1 P16 d15
SW4_E2 P16 a16
SW4_E2 P16 b16
SW4_E3 P16 c16
SW4_E3 P16 d16

DRCT4_EG0 P16 a59
DRCT4_EG0 P16 b59
DRCT4_EG1 P16 c59
DRCT4_EG1 P16 d59
DRCT4_EG2 P16 a60
DRCT4_EG2 P16 b60
DRCT4_EG3 P16 c60
DRCT4_EG3 P16 d60
DRCT4_EG4 P16 a61
DRCT4_EG4 P16 b61
DRCT4_EG5 P16 c61
DRCT4_EG5 P16 d61
DRCT4_EG6 P16 a62
DRCT4_EG6 P16 b62
DRCT4_EG7 P16 c62
DRCT4_EG7 P16 d62
DRCT4_EH0 P16 a71
DRCT4_EH0 P16 b71
DRCT4_EH1 P16 c71
DRCT4_EH1 P16 d71
DRCT4_EH2 P16 a72
DRCT4_EH2 P16 b72
DRCT4_EH3 P16 c72
DRCT4_EH3 P16 d72
DRCT4_EH4 P16 a73
DRCT4_EH4 P16 b73
DRCT4_EH5 P16 c73
DRCT4_EH5 P16 d73
DRCT4_EH6 P16 a74
DRCT4_EH6 P16 b74
DRCT4_EH7 P16 c74
DRCT4_EH7 P16 d74

DRCT4_ED0 P16 a33
DRCT4_ED0 P16 b33
DRCT4_ED1 P16 c33
DRCT4_ED1 P16 d33
DRCT4_ED2 P16 a34
DRCT4_ED2 P16 b34
DRCT4_ED3 P16 c34
DRCT4_ED3 P16 d34
DRCT4_ED4 P16 a35
DRCT4_ED4 P16 b35
DRCT4_ED5 P16 c35
DRCT4_ED5 P16 d35
DRCT4_ED6 P16 a36
DRCT4_ED6 P16 b36
DRCT4_ED7 P16 c36
DRCT4_ED7 P16 d36
DRCT4_EE0 P16 a43
DRCT4_EE0 P16 b43
DRCT4_EE1 P16 c43
DRCT4_EE1 P16 d43
DRCT4_EE2 P16 a44
DRCT4_EE2 P16 b44
DRCT4_EE3 P16 c44
DRCT4_EE3 P16 d44
DRCT4_EE4 P16 a45
DRCT4_EE4 P16 b45
DRCT4_EE5 P16 c45
DRCT4_EE5 P16 d45
DRCT4_EE6 P16 a46
DRCT4_EE6 P16 b46
DRCT4_EE7 P16 c46
DRCT4_EE7 P16 d46
DRCT4_EF0 P16 a47
DRCT4_EF0 P16 b47
DRCT4_EF1 P16 c47
DRCT4_EF1 P16 d47
DRCT4_EF2 P16 a48
DRCT4_EF2 P16 b48
DRCT4_EF3 P16 c48
DRCT4_EF3 P16 d48
DRCT4_EF4 P16 a49
DRCT4_EF4 P16 b49
DRCT4_EF5 P16 c49
DRCT4_EF5 P16 d49
DRCT4_EF6 P16 a50
DRCT4_EF6 P16 b50
DRCT4_EF7 P16 c50
DRCT4_EF7 P16 d50

DRCT4_EA0 P16 a5
DRCT4_EA0 P16 b5
DRCT4_EA1 P16 c5
DRCT4_EA1 P16 d5
DRCT4_EA2 P16 a6
DRCT4_EA2 P16 b6
DRCT4_EA3 P16 c6
DRCT4_EA3 P16 d6
DRCT4_EA4 P16 a7
DRCT4_EA4 P16 b7
DRCT4_EA5 P16 c7
DRCT4_EA5 P16 d7
DRCT4_EA6 P16 b8
DRCT4_EA6 P16 a8
DRCT4_EA7 P16 c8
DRCT4_EA7 P16 d8
DRCT4_EB0 P16 a17
DRCT4_EB0 P16 b17
DRCT4_EB1 P16 c17
DRCT4_EB1 P16 d17
DRCT4_EB2 P16 a18
DRCT4_EB2 P16 b18
DRCT4_EB3 P16 c18
DRCT4_EB3 P16 d18
DRCT4_EB4 P16 a19
DRCT4_EB4 P16 b19
DRCT4_EB5 P16 c19
DRCT4_EB5 P16 d19
DRCT4_EB6 P16 a20
DRCT4_EB6 P16 b20
DRCT4_EB7 P16 c20
DRCT4_EB7 P16 d20
DRCT4_EC0 P16 a29
DRCT4_EC0 P16 b29
DRCT4_EC1 P16 c29
DRCT4_EC1 P16 d29
DRCT4_EC2 P16 a30
DRCT4_EC2 P16 b30
DRCT4_EC3 P16 c30
DRCT4_EC3 P16 d30
DRCT4_EC4 P16 a31
DRCT4_EC4 P16 b31
DRCT4_EC5 P16 c31
DRCT4_EC5 P16 d31
DRCT4_EC6 P16 a32
DRCT4_EC6 P16 b32
DRCT4_EC7 P16 c32
DRCT4_EC7 P16 d32

NHR0_E0 P16 a21
NHR0_E0 P16 b21
NHR0_E1 P16 c21
NHR0_E1 P16 d21
NHR0_E2 P16 a22
NHR0_E2 P16 b22
NHR0_E3 P16 c22
NHR0_E3 P16 d22
NHR0_E4 P16 a23
NHR0_E4 P16 b23
NHR0_E5 P16 c23
NHR0_E5 P16 d23
NHR0_E6 P16 a24
NHR0_E6 P16 b24
NHR0_E7 P16 c24
NHR0_E7 P16 d24
NHR1_E0 P16 a55
NHR1_E0 P16 b55
NHR1_E1 P16 c55
NHR1_E1 P16 d55
NHR1_E2 P16 a56
NHR1_E2 P16 b56
NHR1_E3 P16 c56
NHR1_E3 P16 d56
NHR1_E4 P16 a57
NHR1_E4 P16 b57
NHR1_E5 P16 c57
NHR1_E5 P16 d57
NHR1_E6 P16 a58
NHR1_E6 P16 b58
NHR1_E7 P16 c58
NHR1_E7 P16 d58

SHR0_E0 P16 a25
SHR0_E0 P16 b25
SHR0_E1 P16 c25
SHR0_E1 P16 d25
SHR0_E2 P16 a26
SHR0_E2 P16 b26
SHR0_E3 P16 c26
SHR0_E3 P16 d26
SHR0_E4 P16 a27
SHR0_E4 P16 b27
SHR0_E5 P16 c27
SHR0_E5 P16 d27
SHR0_E6 P16 a28
SHR0_E6 P16 b28
SHR0_E7 P16 c28
SHR0_E7 P16 d28
SHR1_E0 P16 a51
SHR1_E0 P16 b51
SHR1_E1 P16 c51
SHR1_E1 P16 d51
SHR1_E2 P16 a52
SHR1_E2 P16 b52
SHR1_E3 P16 c52
SHR1_E3 P16 d52
SHR1_E4 P16 a53
SHR1_E4 P16 b53
SHR1_E5 P16 c53
SHR1_E5 P16 d53
SHR1_E6 P16 a54
SHR1_E6 P16 b54
SHR1_E7 P16 c54
SHR1_E7 P16 d54

SE4_E0 P16 a63
SE4_E0 P16 b63
SE4_E1 P16 c63
SE4_E1 P16 d63
SE4_E2 P16 a64
SE4_E2 P16 b64
SE4_E3 P16 c64
SE4_E3 P16 d64

NE4_E0 P16 a65
NE4_E0 P16 b65
NE4_E1 P16 c65
NE4_E1 P16 d65
NE4_E2 P16 a66
NE4_E2 P16 b66
NE4_E3 P16 c66
NE4_E3 P16 d66

E4_E0 P16 a67
E4_E0 P16 b67
E4_E1 P16 c67
E4_E1 P16 d67
E4_E2 P16 a68
E4_E2 P16 b68
E4_E3 P16 c68
E4_E3 P16 d68
E4_E4 P16 a69
E4_E4 P16 b69
E4_E5 P16 c69
E4_E5 P16 d69
E4_E6 P16 a70
E4_E6 P16 b70
E4_E7 P16 c70
E4_E7 P16 d70

SUMIN4_0 P16 a37
SUMIN4_0 P16 b37
SUMIN4_1 P16 c37
SUMIN4_1 P16 d37
SUMIN4_2 P16 a38
SUMIN4_2 P16 b38
SUMIN4_3 P16 c38
SUMIN4_3 P16 d38
SUMIN4_4 P16 a39
SUMIN4_4 P16 b39
SUMIN4_5 P16 c39
SUMIN4_5 P16 d39
SUMIN4_6 P16 a40
SUMIN4_6 P16 b40
SUMIN4_7 P16 c40
SUMIN4_7 P16 d40
SUMIN4_8 P16 a41
SUMIN4_8 P16 b41
SUMIN4_9 P16 c41
SUMIN4_9 P16 d41
SUMIN4_10 P16 a42
SUMIN4_10 P16 b42
SUMIN4_11 P16 c42
SUMIN4_11 P16 d42

plus48 C104 .047uF
plus48 C111 .047uF
plus48 C106 .047uF
plus48 C113 .047uF

Changes	By	Date	Drawn JLL	Project CMS CAL TRIGGER PROCESSOR
			Date 29/4/96	PROCESSOR CRATE BACKPLANE
			CHK'D	BLOCK: RECV 4
			Scale	High Energy Physics
REV A	JLL	4/11/99	D0524	University of Wisconsin