VME
DSY_OUT
DSY_IN
CLK_CNTL

STATE8_STAT P12 a1
STATE8_STAT P12 b1
STATE8_ACPT P12 c1
STATE8_ACPT P12 d1
STATE8_BX0 P12 a2
STATE8_BX0 P12 b2
STATE8_RST P12 c2
STATE8_RST P12 d2
STATE8_CLK P12 a3
STATE8_CLK P12 b3
STATE8_SLTID

DSY8_TACK J12 21a
DSY8_BG0 J12 4b
DSY8_BG1 J12 6b
DSY8_BG2 J12 8b
DSY8_BG3 J12 10b

J12 3d
R28 475
U10 74FCT2541CT
net4
DSY8_TACK DSY9_TACK
DSY8_BG0 DSY9_BG0
DSY8_BG1 DSY9_BG1
DSY8_BG2 DSY9_BG2
DSY8_BG3 DSY9_BG3
R30 475 plus5

DSY9_BG0 J12 5b
DSY9_TACK J12 22a
DSY9_BG1 J12 7b
DSY9_BG2 J12 9b
DSY9_BG3 J12 11b

A24 J12 4d
A25 J12 5d
A26 J12 6d
A27 J12 7d
A28 J12 8d
A29 J12 9d
A30 J12 10d
A31 J12 11d
D16 J12 14d
D17 J12 15d
D18 J12 16d
D19 J12 17d
D20 J12 18d
D21 J12 19d
D22 J12 20d
D23 J12 21d
D24 J12 23d
D25 J12 24d
D26 J12 25d
D27 J12 26d
D28 J12 27d
D29 J12 28d
D30 J12 29d
D31 J12 30d

D8 J12 1c
D9 J12 2c
D10 J12 3c
D11 J12 4c
D12 J12 5c
D13 J12 6c
D14 J12 7c
D15 J12 8c
SYSFAIL J12 10c
BERR J12 11c
SYSRESET J12 12c
LWORD J12 13c
AM5 J12 14c
A23 J12 15c
A22 J12 16c
A21 J12 17c
A20 J12 18c
A19 J12 19c
A18 J12 20c
A17 J12 21c
A16 J12 22c
A15 J12 23c
A14 J12 24c
A13 J12 25c
A12 J12 26c
A11 J12 27c
A10 J12 28c
A9 J12 29c
A8 J12 30c

BBSY J12 1b
BCLR J12 2b
ACFAIL J12 3b
BR0 J12 12b
BR1 J12 13b
BR2 J12 14b
BR3 J12 15b
AM0 J12 16b
AM1 J12 17b
AM2 J12 18b
AM3 J12 19b
SERCLK J12 21b
SERDAT J12 22b
IRQ7 J12 24b
IRQ6 J12 25b
IRQ5 J12 26b
IRQ4 J12 27b
IRQ3 J12 28b
IRQ2 J12 29b
IRQ1 J12 30b
SYSIDBY J12 31b

D0 J12 1a
D1 J12 2a
D2 J12 3a
D3 J12 4a
D4 J12 5a
D5 J12 6a
D6 J12 7a
D7 J12 8a
SYSCLK J12 10a
DS1 J12 12a
DS0 J12 13a
WRITE J12 14a
DTACK J12 16a
AS J12 18a
IACK J12 20a
AM4 J12 23a
A7 J12 24a
A6 J12 25a
A5 J12 26a
A4 J12 27a
A3 J12 28a
A2 J12 29a
A1 J12 30a

J12 2d
J12 12d
J12 22d
J12 31d
plus5
J12 1d
J12 13d
J12 32d

J12 9c
plus12
J12 31c
plus5
J12 32c

J12 20b
J12 23b
plus5
J12 32b

J12 9a
J12 11a
J12 15a
J12 17a
J12 19a
minus12
J12 31a
plus5
J12 32a

plus5 plus5 minus12 plus12
C68 .1uF
C70 .1uF
C75 .1uF
C77 .1uF

DIRECT
W
NW
SW
N
S
SE
NE
E
ELEC

E1_E0 P12 a9
E1_E0 P12 b9
E1_E1 P12 c9
E1_E1 P12 d9
E1_E2 P12 a10
E1_E2 P12 b10
E1_E3 P12 c10
E1_E3 P12 d10
E1_E4 P12 a11
E1_E4 P12 b11
E1_E5 P12 c11
E1_E5 P12 d11
E1_E6 P12 a12
E1_E6 P12 b12
E1_E7 P12 c12
E1_E7 P12 d12

DRCT3_EG0 P12 a59
DRCT3_EG0 P12 b59
DRCT3_EG1 P12 c59
DRCT3_EG1 P12 d59
DRCT3_EG2 P12 a60
DRCT3_EG2 P12 b60
DRCT3_EG3 P12 c60
DRCT3_EG3 P12 d60
DRCT3_EG4 P12 a61
DRCT3_EG4 P12 b61
DRCT3_EG5 P12 c61
DRCT3_EG5 P12 d61
DRCT3_EG6 P12 a62
DRCT3_EG6 P12 b62
DRCT3_EG7 P12 c62
DRCT3_EG7 P12 d62
DRCT3_EH0 P12 a71
DRCT3_EH0 P12 b71
DRCT3_EH1 P12 c71
DRCT3_EH1 P12 d71
DRCT3_EH2 P12 a72
DRCT3_EH2 P12 b72
DRCT3_EH3 P12 c72
DRCT3_EH3 P12 d72
DRCT3_EH4 P12 a73
DRCT3_EH4 P12 b73
DRCT3_EH5 P12 c73
DRCT3_EH5 P12 d73
DRCT3_EH6 P12 a74
DRCT3_EH6 P12 b74
DRCT3_EH7 P12 c74
DRCT3_EH7 P12 d74

DRCT3_ED0 P12 a33
DRCT3_ED0 P12 b33
DRCT3_ED1 P12 c33
DRCT3_ED1 P12 d33
DRCT3_ED2 P12 a34
DRCT3_ED2 P12 b34
DRCT3_ED3 P12 c34
DRCT3_ED3 P12 d34
DRCT3_ED4 P12 a35
DRCT3_ED4 P12 b35
DRCT3_ED5 P12 c35
DRCT3_ED5 P12 d35
DRCT3_ED6 P12 a36
DRCT3_ED6 P12 b36
DRCT3_ED7 P12 c36
DRCT3_ED7 P12 d36
DRCT3_EE0 P12 a43
DRCT3_EE0 P12 b43
DRCT3_EE1 P12 c43
DRCT3_EE1 P12 d43
DRCT3_EE2 P12 a44
DRCT3_EE2 P12 b44
DRCT3_EE3 P12 c44
DRCT3_EE3 P12 d44
DRCT3_EE4 P12 a45
DRCT3_EE4 P12 b45
DRCT3_EE5 P12 c45
DRCT3_EE5 P12 d45
DRCT3_EE6 P12 a46
DRCT3_EE6 P12 b46
DRCT3_EE7 P12 c46
DRCT3_EE7 P12 d46
DRCT3_EF0 P12 a47
DRCT3_EF0 P12 b47
DRCT3_EF1 P12 c47
DRCT3_EF1 P12 d47
DRCT3_EF2 P12 a48
DRCT3_EF2 P12 b48
DRCT3_EF3 P12 c48
DRCT3_EF3 P12 d48
DRCT3_EF4 P12 a49
DRCT3_EF4 P12 b49
DRCT3_EF5 P12 c49
DRCT3_EF5 P12 d49
DRCT3_EF6 P12 a50
DRCT3_EF6 P12 b50
DRCT3_EF7 P12 c50
DRCT3_EF7 P12 d50

DRCT3_EA0 P12 a5
DRCT3_EA0 P12 b5
DRCT3_EA1 P12 c5
DRCT3_EA1 P12 d5
DRCT3_EA2 P12 a6
DRCT3_EA2 P12 b6
DRCT3_EA3 P12 c6
DRCT3_EA3 P12 d6
DRCT3_EA4 P12 a7
DRCT3_EA4 P12 b7
DRCT3_EA5 P12 c7
DRCT3_EA5 P12 d7
DRCT3_EA6 P12 b8
DRCT3_EA6 P12 a8
DRCT3_EA7 P12 c8
DRCT3_EA7 P12 d8
DRCT3_EB0 P12 a17
DRCT3_EB0 P12 b17
DRCT3_EB1 P12 c17
DRCT3_EB1 P12 d17
DRCT3_EB2 P12 a18
DRCT3_EB2 P12 b18
DRCT3_EB3 P12 c18
DRCT3_EB3 P12 d18
DRCT3_EB4 P12 a19
DRCT3_EB4 P12 b19
DRCT3_EB5 P12 c19
DRCT3_EB5 P12 d19
DRCT3_EB6 P12 a20
DRCT3_EB6 P12 b20
DRCT3_EB7 P12 c20
DRCT3_EB7 P12 d20
DRCT3_EC0 P12 a29
DRCT3_EC0 P12 b29
DRCT3_EC1 P12 c29
DRCT3_EC1 P12 d29
DRCT3_EC2 P12 a30
DRCT3_EC2 P12 b30
DRCT3_EC3 P12 c30
DRCT3_EC3 P12 d30
DRCT3_EC4 P12 a31
DRCT3_EC4 P12 b31
DRCT3_EC5 P12 c31
DRCT3_EC5 P12 d31
DRCT3_EC6 P12 a32
DRCT3_EC6 P12 b32
DRCT3_EC7 P12 c32
DRCT3_EC7 P12 d32

SE0_E0 P12 a13
SE0_E0 P12 b13
SE0_E1 P12 c13
SE0_E1 P12 d13
SE0_E2 P12 a14
SE0_E2 P12 b14
SE0_E3 P12 c14
SE0_E3 P12 d14

SE1_E0 P12 a15
SE1_E0 P12 b15
SE1_E1 P12 c15
SE1_E1 P12 d15
SE1_E2 P12 a16
SE1_E2 P12 b16
SE1_E3 P12 c16
SE1_E3 P12 d16

S2R0_E0 P12 a21
S2R0_E0 P12 b21
S2R0_E1 P12 c21
S2R0_E1 P12 d21
S2R0_E2 P12 a22
S2R0_E2 P12 b22
S2R0_E3 P12 c22
S2R0_E3 P12 d22
S2R0_E4 P12 a23
S2R0_E4 P12 b23
S2R0_E5 P12 c23
S2R0_E5 P12 d23
S2R0_E6 P12 a24
S2R0_E6 P12 b24
S2R0_E7 P12 c24
S2R0_E7 P12 d24
S2R1_E0 P12 a55
S2R1_E0 P12 b55
S2R1_E1 P12 c55
S2R1_E1 P12 d55
S2R1_E2 P12 a56
S2R1_E2 P12 b56
S2R1_E3 P12 c56
S2R1_E3 P12 d56
S2R1_E4 P12 a57
S2R1_E4 P12 b57
S2R1_E5 P12 c57
S2R1_E5 P12 d57
S2R1_E6 P12 a58
S2R1_E6 P12 b58
S2R1_E7 P12 c58
S2R1_E7 P12 d58

S3R0_E0 P12 a25
S3R0_E0 P12 b25
S3R0_E1 P12 c25
S3R0_E1 P12 d25
S3R0_E2 P12 a26
S3R0_E2 P12 b26
S3R0_E3 P12 c26
S3R0_E3 P12 d26
S3R0_E4 P12 a27
S3R0_E4 P12 b27
S3R0_E5 P12 c27
S3R0_E5 P12 d27
S3R0_E6 P12 a28
S3R0_E6 P12 b28
S3R0_E7 P12 c28
S3R0_E7 P12 d28
S3R1_E0 P12 a51
S3R1_E0 P12 b51
S3R1_E1 P12 c51
S3R1_E1 P12 d51
S3R1_E2 P12 a52
S3R1_E2 P12 b52
S3R1_E3 P12 c52
S3R1_E3 P12 d52
S3R1_E4 P12 a53
S3R1_E4 P12 b53
S3R1_E5 P12 c53
S3R1_E5 P12 d53
S3R1_E6 P12 a54
S3R1_E6 P12 b54
S3R1_E7 P12 c54
S3R1_E7 P12 d54

SW5_E0 P12 a63
SW5_E0 P12 b63
SW5_E1 P12 c63
SW5_E1 P12 d63
SW5_E2 P12 a64
SW5_E2 P12 b64
SW5_E3 P12 c64
SW5_E3 P12 d64
SW4_E0 P12 a65
SW4_E0 P12 b65
SW4_E1 P12 c65
SW4_E1 P12 d65
SW4_E2 P12 a66
SW4_E2 P12 b66
SW4_E3 P12 c66
SW4_E3 P12 d66

W5_E0 P12 a67
W5_E0 P12 b67
W5_E1 P12 c67
W5_E1 P12 d67
W5_E2 P12 a68
W5_E2 P12 b68
W5_E3 P12 c68
W5_E3 P12 d68
W5_E4 P12 a69
W5_E4 P12 b69
W5_E5 P12 c69
W5_E5 P12 d69
W5_E6 P12 a70
W5_E6 P12 b70
W5_E7 P12 c70
W5_E7 P12 d70

ELEC3_0 P12 a37
ELEC3_0 P12 b37
ELEC3_1 P12 c37
ELEC3_1 P12 d37
ELEC3_2 P12 a38
ELEC3_2 P12 b38
ELEC3_3 P12 c38
ELEC3_3 P12 d38
ELEC3_4 P12 a39
ELEC3_4 P12 b39
ELEC3_5 P12 c39
ELEC3_5 P12 d39

plus48 C72 .047uF
plus48 C79 .047uF
plus48 C74 .047uF
plus48 C81 .047uF

Changes	By	Date	Drawn JLL	Project CMS CAL TRIGGER PROCESSOR
			Date 29/4/96	PROCESSOR CRATE BACKPLANE
			CHK'D	BLOCK: EISO 3
			Scale	High Energy Physics
REV A	JLL	8/11/99	D0523	University of Wisconsin