VME
DSY_OUT
DSY_IN
CLK_CNTL

STATEA_STAT
STATEA_STAT
STATEA_ACPT
STATEA_ACPT
STATEA_BX0
STATEA_BX0
STATEA_RST
STATEA_RST
STATEA_CLK
STATEA_CLK
STATEA_SLTID
P10 a1
P10 b1
P10 c1
P10 d1
P10 a2
P10 b2
P10 c2
P10 d2
P10 a3
P10 b3

DSY6_TACK
DSY6_BG0
DSY6_BG1
DSY6_BG2
DSY6_BG3
J10 21a
J10 4b
J10 6b
J10 8b
J10 10b

J10 3d
R23 475
U7 74FCT2541CT
net3
DSY6_TACK
DSY6_BG0
DSY6_BG1
DSY6_BG2
DSY6_BG3
DSY7_TACK
DSY7_BG0
DSY7_BG1
DSY7_BG2
DSY7_BG3
R24 475
plus5

DSY7_BG0
DSY7_TACK
DSY7_BG1
DSY7_BG2
DSY7_BG3
J10 5b
J10 22a
J10 7b
J10 9b
J10 11b

A24 A25 A26 A27 A28 A29 A30 A31
D16 D17 D18 D19 D20 D21 D22 D23
D24 D25 D26 D27 D28 D29 D30 D31
J10 4d J10 5d J10 6d J10 7d J10 8d J10 9d J10 10d J10 11d
J10 14d J10 15d J10 16d J10 17d J10 18d J10 19d J10 20d J10 21d
J10 23d J10 24d J10 25d J10 26d J10 27d J10 28d J10 29d J10 30d

D8 D9 D10 D11 D12 D13 D14 D15
SYSFAIL BERR SYSRESET LWORD AM5 A23 A22 A21 A20 A19 A18 A17 A16 A15 A14 A13 A12 A11 A10 A9 A8
J10 1c J10 2c J10 3c J10 4c J10 5c J10 6c J10 7c J10 8c
J10 10c J10 11c J10 12c J10 13c J10 14c J10 15c J10 16c J10 17c J10 18c J10 19c J10 20c J10 21c J10 22c J10 23c J10 24c J10 25c J10 26c J10 27c J10 28c J10 29c J10 30c

BBSY BCLR ACFAIL
BR0 BR1 BR2 BR3 AM0 AM1 AM2 AM3
SERCLK SERDAT
IRQ7 IRQ6 IRQ5 IRQ4 IRQ3 IRQ2 IRQ1 SYSIDBY
J10 1b J10 2b J10 3b
J10 12b J10 13b J10 14b J10 15b J10 16b J10 17b J10 18b J10 19b
J10 21b J10 22b
J10 24b J10 25b J10 26b J10 27b J10 28b J10 29b J10 30b J10 31b

D0 D1 D2 D3 D4 D5 D6 D7
SYSCLK
DS1 DS0 WRITE
DTACK
AS
IACK
AM4 A7 A6 A5 A4 A3 A2 A1
J10 1a J10 2a J10 3a J10 4a J10 5a J10 6a J10 7a J10 8a
J10 10a
J10 12a J10 13a J10 14a
J10 16a
J10 18a
J10 20a
J10 23a J10 24a J10 25a J10 26a J10 27a J10 28a J10 29a J10 30a

J10 2d J10 12d J10 22d J10 31d
plus5 J10 1d J10 13d J10 32d
J10 9c
plus12 J10 31c
plus5 J10 32c
J10 20b J10 23b J10 32b
plus5
J10 9a J10 11a J10 15a J10 17a J10 19a J10 31a J10 32a
minus12
plus5
plus5 plus5 C52 .1uF C54 .1uF
minus12 plus12 C59 .1uF C61 .1uF

DIRECT
W
NW
SW
N
S
SE
NE
E
ELEC

E0_E0 E0_E0 E0_E1 E0_E1 E0_E2 E0_E2 E0_E3 E0_E3 E0_E4 E0_E4 E0_E5 E0_E5 E0_E6 E0_E7 E0_E7
P10 a9 P10 b9 P10 c9 P10 d9 P10 a10 P10 b10 P10 c10 P10 d10 P10 a11 P10 b11 P10 c11 P10 d11 P10 a12 P10 b12 P10 c12 P10 d12

NE0_E0 NE0_E0 NE0_E1 NE0_E1 NE0_E2 NE0_E2 NE0_E3 NE0_E3
P10 a13 P10 b13 P10 c13 P10 d13 P10 a14 P10 b14 P10 c14 P10 d14

NE1_E0 NE1_E0 NE1_E1 NE1_E1 NE1_E2 NE1_E2 NE1_E3 NE1_E3
P10 a15 P10 b15 P10 c15 P10 d15 P10 a16 P10 b16 P10 c16 P10 d16

DRCT2_EG0 DRCT2_EG0 DRCT2_EG1 DRCT2_EG1 DRCT2_EG2 DRCT2_EG2 DRCT2_EG3 DRCT2_EG3 DRCT2_EG4 DRCT2_EG4 DRCT2_EG5 DRCT2_EG5 DRCT2_EG6 DRCT2_EG6 DRCT2_EG7 DRCT2_EG7
P10 a59 P10 b59 P10 c59 P10 d59 P10 a60 P10 b60 P10 c60 P10 d60 P10 a61 P10 b61 P10 c61 P10 d61 P10 a62 P10 b62 P10 c62 P10 d62

DRCT2_EH0 DRCT2_EH0 DRCT2_EH1 DRCT2_EH1 DRCT2_EH2 DRCT2_EH2 DRCT2_EH3 DRCT2_EH3 DRCT2_EH4 DRCT2_EH4 DRCT2_EH5 DRCT2_EH5 DRCT2_EH6 DRCT2_EH6 DRCT2_EH7 DRCT2_EH7
P10 a71 P10 b71 P10 c71 P10 d71 P10 a72 P10 b72 P10 c72 P10 d72 P10 a73 P10 b73 P10 c73 P10 d73 P10 a74 P10 b74 P10 c74 P10 d74

DRCT2_ED0 DRCT2_ED0 DRCT2_ED1 DRCT2_ED1 DRCT2_ED2 DRCT2_ED2 DRCT2_ED3 DRCT2_ED3 DRCT2_ED4 DRCT2_ED4 DRCT2_ED5 DRCT2_ED5 DRCT2_ED6 DRCT2_ED6 DRCT2_ED7 DRCT2_ED7
P10 a33 P10 b33 P10 c33 P10 d33 P10 a34 P10 b34 P10 c34 P10 d34 P10 a35 P10 b35 P10 c35 P10 d35 P10 a36 P10 b36 P10 c36 P10 d36

DRCT2_EE0 DRCT2_EE0 DRCT2_EE1 DRCT2_EE1 DRCT2_EE2 DRCT2_EE2 DRCT2_EE3 DRCT2_EE3 DRCT2_EE4 DRCT2_EE4 DRCT2_EE5 DRCT2_EE5 DRCT2_EE6 DRCT2_EE6 DRCT2_EE7 DRCT2_EE7
P10 a43 P10 b43 P10 c43 P10 d43 P10 a44 P10 b44 P10 c44 P10 d44 P10 a45 P10 b45 P10 c45 P10 d45 P10 a46 P10 b46 P10 c46 P10 d46

DRCT2_EF0 DRCT2_EF0 DRCT2_EF1 DRCT2_EF1 DRCT2_EF2 DRCT2_EF2 DRCT2_EF3 DRCT2_EF3 DRCT2_EF4 DRCT2_EF4 DRCT2_EF5 DRCT2_EF5 DRCT2_EF6 DRCT2_EF7 DRCT2_EF7
P10 a47 P10 b47 P10 c47 P10 d47 P10 a48 P10 b48 P10 c48 P10 d48 P10 a49 P10 b49 P10 c49 P10 d49 P10 a50 P10 b50 P10 c50 P10 d50

DRCT2_EA0 DRCT2_EA0 DRCT2_EA1 DRCT2_EA1 DRCT2_EA2 DRCT2_EA2 DRCT2_EA3 DRCT2_EA3 DRCT2_EA4 DRCT2_EA4 DRCT2_EA5 DRCT2_EA5 DRCT2_EA6 DRCT2_EA6 DRCT2_EA7 DRCT2_EA7
P10 a5 P10 b5 P10 c5 P10 d5 P10 a6 P10 b6 P10 c6 P10 d6 P10 a7 P10 b7 P10 c7 P10 d7 P10 a8 P10 b8 P10 c8 P10 d8

DRCT2_EB0 DRCT2_EB0 DRCT2_EB1 DRCT2_EB1 DRCT2_EB2 DRCT2_EB2 DRCT2_EB3 DRCT2_EB3 DRCT2_EB4 DRCT2_EB4 DRCT2_EB5 DRCT2_EB5 DRCT2_EB6 DRCT2_EB6 DRCT2_EB7 DRCT2_EB7
P10 a17 P10 b17 P10 c17 P10 d17 P10 a18 P10 b18 P10 c18 P10 d18 P10 a19 P10 b19 P10 c19 P10 d19 P10 a20 P10 b20 P10 c20 P10 d20

DRCT2_EC0 DRCT2_EC0 DRCT2_EC1 DRCT2_EC1 DRCT2_EC2 DRCT2_EC2 DRCT2_EC3 DRCT2_EC3 DRCT2_EC4 DRCT2_EC4 DRCT2_EC5 DRCT2_EC5 DRCT2_EC6 DRCT2_EC7 DRCT2_EC7
P10 a29 P10 b29 P10 c29 P10 d29 P10 a30 P10 b30 P10 c30 P10 d30 P10 a31 P10 b31 P10 c31 P10 d31 P10 a32 P10 b32 P10 c32 P10 d32

N3R0_E0 N3R0_E0 N3R0_E1 N3R0_E1 N3R0_E2 N3R0_E2 N3R0_E3 N3R0_E3 N3R0_E4 N3R0_E4 N3R0_E5 N3R0_E5 N3R0_E6 N3R0_E6 N3R0_E7 N3R0_E7
P10 a25 P10 b25 P10 c25 P10 d25 P10 a26 P10 b26 P10 c26 P10 d26 P10 a27 P10 b27 P10 c27 P10 d27 P10 a28 P10 b28 P10 c28 P10 d28

N3R1_E0 N3R1_E0 N3R1_E1 N3R1_E1 N3R1_E2 N3R1_E2 N3R1_E3 N3R1_E3 N3R1_E4 N3R1_E4 N3R1_E5 N3R1_E5 N3R1_E6 N3R1_E6 N3R1_E7 N3R1_E7
P10 a51 P10 b51 P10 c51 P10 d51 P10 a52 P10 b52 P10 c52 P10 d52 P10 a53 P10 b53 P10 c53 P10 d53 P10 a54 P10 b54 P10 c54 P10 d54

N2R0_E0 N2R0_E0 N2R0_E1 N2R0_E1 N2R0_E2 N2R0_E2 N2R0_E3 N2R0_E3 N2R0_E4 N2R0_E4 N2R0_E5 N2R0_E5 N2R0_E6 N2R0_E6 N2R0_E7 N2R0_E7
P10 a21 P10 b21 P10 c21 P10 d21 P10 a22 P10 b22 P10 c22 P10 d22 P10 a23 P10 b23 P10 c23 P10 d23 P10 a24 P10 b24 P10 c24 P10 d24

N2R1_E0 N2R1_E0 N2R1_E1 N2R1_E1 N2R1_E2 N2R1_E2 N2R1_E3 N2R1_E3 N2R1_E4 N2R1_E4 N2R1_E5 N2R1_E5 N2R1_E6 N2R1_E6 N2R1_E7 N2R1_E7
P10 a55 P10 b55 P10 c55 P10 d55 P10 a56 P10 b56 P10 c56 P10 d56 P10 a57 P10 b57 P10 c57 P10 d57 P10 a58 P10 b58 P10 c58 P10 d58

NW5_E0 NW5_E0 NW5_E1 NW5_E1 NW5_E2 NW5_E2 NW5_E3 NW5_E3
P10 a63 P10 b63 P10 c63 P10 d63 P10 a64 P10 b64 P10 c64 P10 d64

NW4_E0 NW4_E0 NW4_E1 NW4_E1 NW4_E2 NW4_E2 NW4_E3 NW4_E3
P10 a65 P10 b65 P10 c65 P10 d65 P10 a66 P10 b66 P10 c66 P10 d66

W4_E0 W4_E0 W4_E1 W4_E1 W4_E2 W4_E2 W4_E3 W4_E3 W4_E4 W4_E4 W4_E5 W4_E5 W4_E6 W4_E6 W4_E7 W4_E7
P10 a67 P10 b67 P10 c67 P10 d67 P10 a68 P10 b68 P10 c68 P10 d68 P10 a69 P10 b69 P10 c69 P10 d69 P10 a70 P10 b70 P10 c70 P10 d70

ELEC2_0 ELEC2_0 ELEC2_1 ELEC2_1 ELEC2_2 ELEC2_2 ELEC2_3 ELEC2_3 ELEC2_4 ELEC2_4 ELEC2_5 ELEC2_5
P10 a37 P10 b37 P10 c37 P10 d37 P10 a38 P10 b38 P10 c38 P10 d38 P10 a39 P10 b39 P10 c39 P10 d39

plus48 C63 .047uF
plus48 C56 .047uF
plus48 C58 .047uF
plus48 C55 .047uF

Changes	By	Date	Drawn JLL	Project CMS CAL TRIGGER PROCESSOR
			Date 29/4/96	PROCESSOR CRATE BACKPLANE
			CHK'D	BLOCK: EISO 2
			Scale	High Energy Physics
REV A	JLL	8/11/99	D0523	University of Wisconsin