RESET_VIT

SCAN_CNTRL CMP_PHS UP_DN ADDRS TDO

U156 SY100ELT23

RESETN_VIT RESETN_VIT TRSTN_VIT TRSTN_VIT

net995 net996

TRSTN RESETN

MEZZ5

RECV_MEZZ

A0 A1 A2 A3 A4 A5 A6 A7 IDLEA KCHA ERRA B0 B1 B2 B3 B4 B5 B6 B7 IDLEB KCHB ERRB

C0 C1 C2 C3 C4 C5 C6 C7 IDLEC KCHC ERRC D0 D1 D2 D3 D4 D5 D6 D7 IDLED KCHD ERRD

CHNL_A0 CHNL_A1 CHNL_A2 CHNL_A3 CHNL_A4 CHNL_A5 CHNL_A6 CHNL_A7 IDLEA KCHA ERRA CHNL_B0 CHNL_B1 CHNL_B2 CHNL_B3 CHNL_B4 CHNL_B5 CHNL_B6 CHNL_B7 IDLEB KCHB ERRB

CHNL_C0 CHNL_C1 CHNL_C2 CHNL_C3 CHNL_C4 CHNL_C5 CHNL_C6 CHNL_C7 IDLEC KCHC ERRC CHNL_D0 CHNL_D1 CHNL_D2 CHNL_D3 CHNL_D4 CHNL_D5 CHNL_D6 CHNL_D7 IDLED KCHD ERRD

U427

PHASE ASIC

TRSTN TMS TCK CMP_PHS UP_DN ADDRS7 ADDRS6 ADDRS5 ADDRS4 ADDRS3 ADDRS2 ADDRS1 ADDRS0 SEL_ADD TDO

ADRS_EBOT7 ADRS_EBOT6 ADRS_EBOT5 ADRS_EBOT4 ADRS_EBOT3 ADRS_EBOT2 ADRS_EBOT1 ADRS_EBOT0 ADRS_SEL_EXT ADRS_EBOTB

ADD_REF C249 .01uF ECL_VREF

DATA_ZR00 DATA_ZR01 DATA_ZR02 DATA_ZR03 DATA_ZR04 DATA_ZR05 DATA_ZR06 DATA_ZR07 DATA_ZR0B MAX0

DATA_ONE0 DATA_ONE1 DATA_ONE2 DATA_ONE3 DATA_ONE4 DATA_ONE5 DATA_ONE6 DATA_ONE7 DATA_ONEB MAX1 BX0

SYND0 SYND1 SYND2 SYND3 SYND4 ERR ENB_ODD ENB_ZERO ENB_LNK_ERR EN_EDC_ERR TEST_OUT

CLKA CLKB CLKC CLKD CLKN CLK RESET PCODE3 PCODE2 PCODE1 PCODE0 TDI

REFCLKP REFCLKN

U164 SY100EL90V+3.3

LINKCLK4 LINKCLK4 LINKCLK4 LINKCLK4

U155 SY100ELT23

R200 R201 R520 49.9 742-510

PHSH_CLK PHSH_CLK PHSH_RESET

PCODE5_3 PCODE5_2 PCODE5_1 PCODE5_0

VTT C463 .01uF

R460 R463 R438 R439 R440 R441 R442 R443 R444 R445 R446 R447 R448 R449 R450 R451 R452 R453 R454 R455 R456 R457 R458 R459 R461 R462 R464 R465 R466 R467 R468 R469 R470 R471 R472 R473 R474 R475 R476 R477 R478 R479