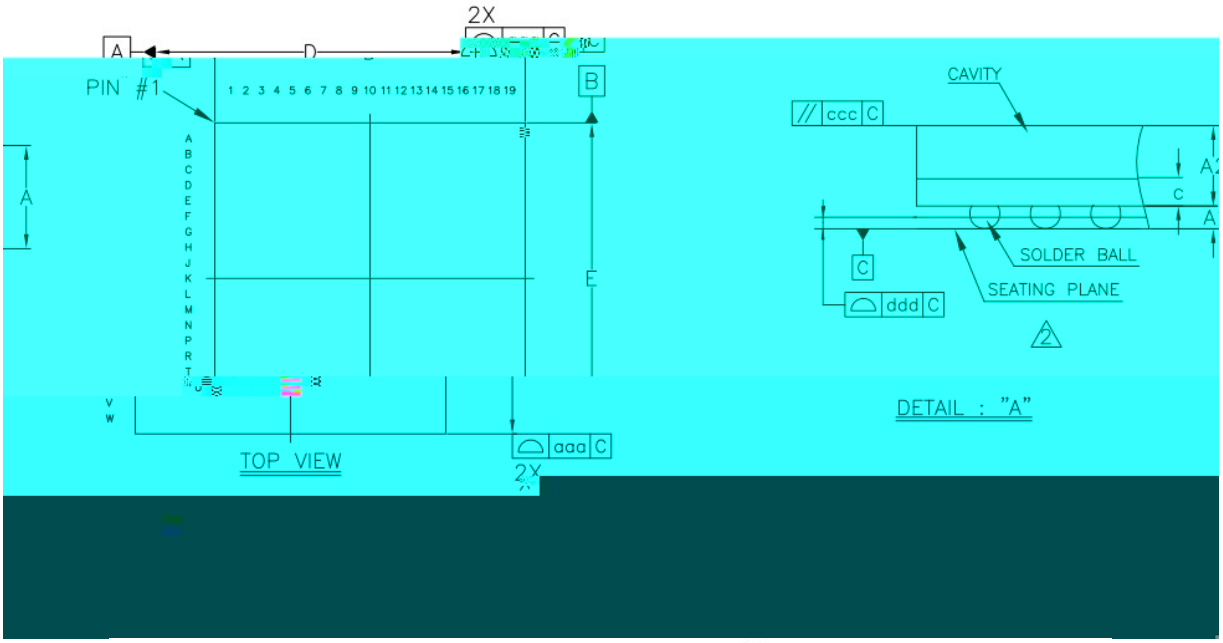
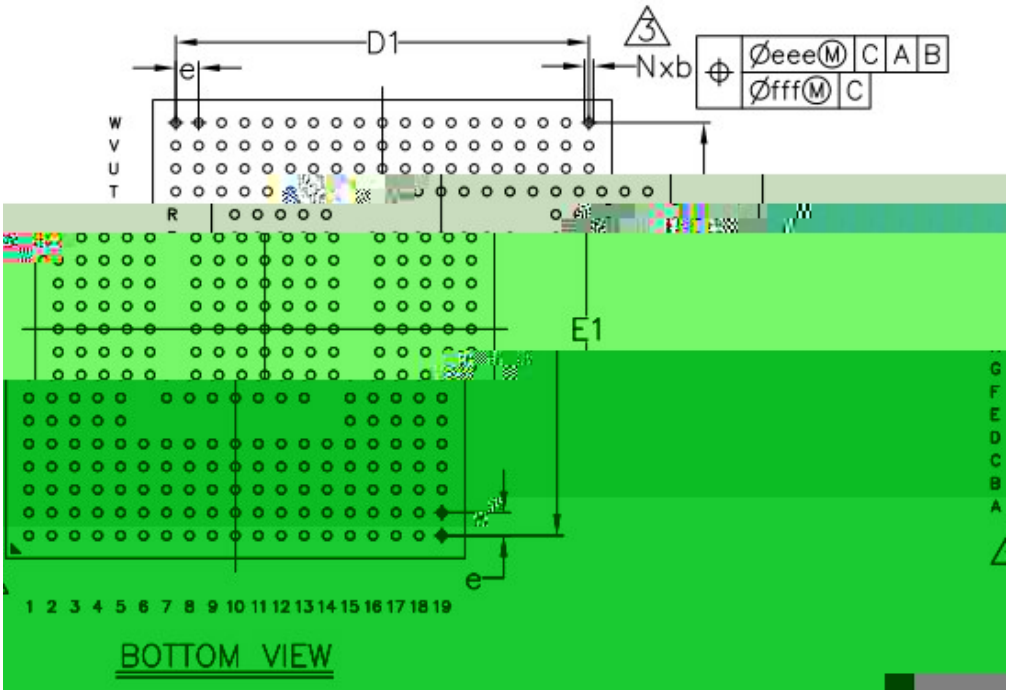
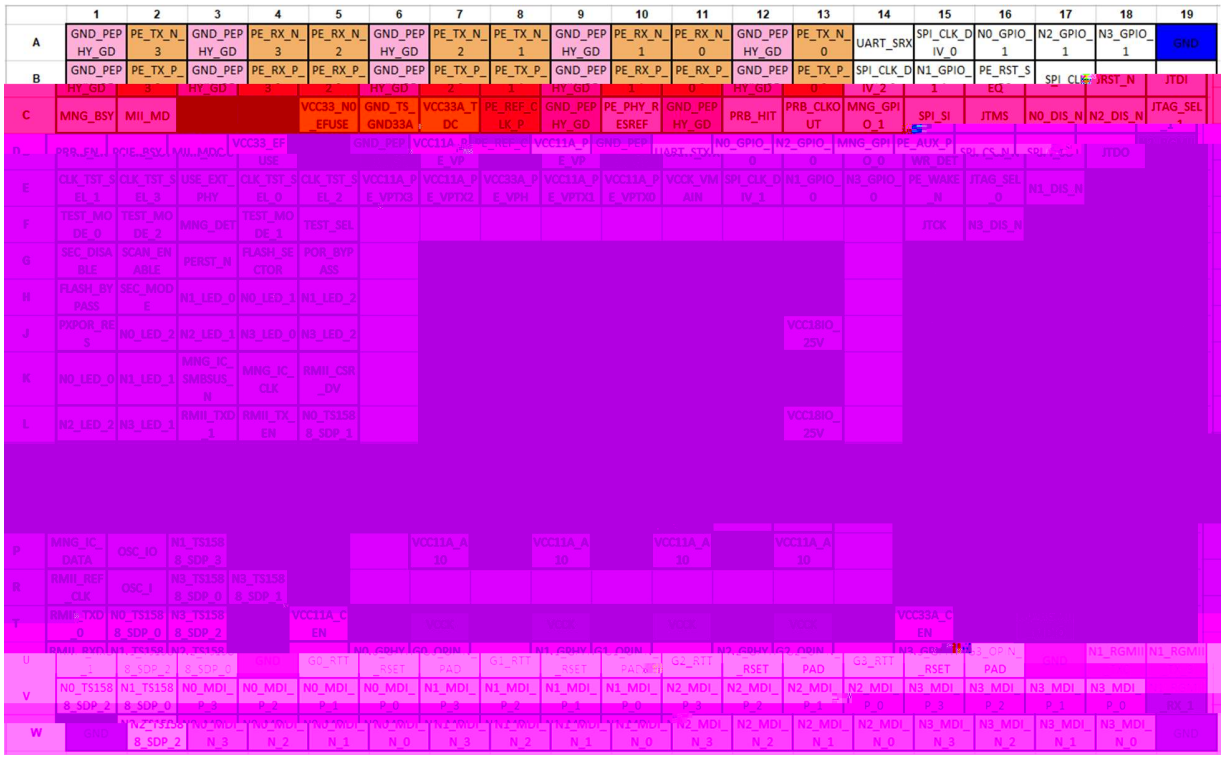

2X
A
D
PIN #1
B
A
E
TOP VIEW
aaa C
2X
CAVITY
ccc C
A2
c
A
SOLDER BALL
SEATING PLANE
C
ddd C
2
DETAIL : "A"


D1
e
3
Nxb
Øeee M C A B
Øfff M C
E1
e
BOTTOM VIEW


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
A GND_PEHY_GD PE_TX_N_3 GND_PEHY_GD PE_RX_N_3 PE_RX_N_2 GND_PEHY_GD PE_TX_N_2 PE_TX_N_1 GND_PEHY_GD PE_RX_N_1 PE_RX_N_0 GND_PEHY_GD PE_TX_N_0 UART_SRX SPI_CLK_DIV_0 N0_GPIO_1 N2_GPIO_1 N3_GPIO_1 GND
B GND_PEHY_GD PE_TX_P_3 GND_PEHY_GD PE_RX_P_3 PE_RX_P_2 GND_PEHY_GD PE_TX_P_2 PE_TX_P_1 GND_PEHY_GD PE_RX_P_1 PE_RX_P_0 GND_PEHY_GD PE_TX_P_0 SPI_CLK_DIV_2 N1_GPIO_1 PE_RST_SEQ SPI_CLK JRST_N JTDI
C MNG_BSY MII_MD VCC33_N0_EFUSE GND_TS_GND33A VCC33A_TDC PE_REF_CLK_P GND_PEHY_GD PE_PHY_RESREF GND_PEHY_GD PRB_HIT PRB_CLKOUT MNG_GPIO_1 SPI_SI JTMS N0_DIS_N N2_DIS_N JTAG_SEL_1
D PRB_EN PCIE_RSV MII_MDC VCC33_EFUSE GND_PEHY VCC11A_PE_REF_C VCC11A_PE_VP GND_PEHY UART_STX N0_GPIO_0 N2_GPIO_0 MNG_GPIO_0 PE_AUX_PWR_DET SPI_CS_N SPI_CS JTDO
E CLK_TST_SEL_1 CLK_TST_SEL_3 USE_EXT_PHY CLK_TST_SEL_0 CLK_TST_SEL_2 VCC11A_PE_VPTX3 VCC11A_PE_VPTX2 VCC33A_PE_VPH VCC11A_PE_VPTX1 VCC11A_PE_VPTX0 VCCX_VMAIN SPI_CLK_DIV_1 N1_GPIO_0 N3_GPIO_0 PE_WAKEH JTAG_SEL_0 N1_DIS_N
F TEST_MODE_0 TEST_MODE_2 MNG_DET TEST_MODE_1 TEST_SEL JTCK N3_DIS_N
G SEC_DISABLE SCAN_ENABLE PERST_N FLASH_SECTOR POR_BYPASS
H FLASH_BYPASS SEC_MODE N1_LED_0 N0_LED_1 N1_LED_2
J PXPOR_RES N0_LED_2 N2_LED_1 N3_LED_0 N3_LED_2 VCC18IO_25V
K N0_LED_0 N1_LED_1 MNG_IC_SMBSUS_N MNG_IC_CLK RMII_CSR_DV
L N2_LED_2 N3_LED_1 RMII_TXD_1 RMII_TX_EN N0_TS1588_SDP_1 VCC18IO_25V
P MNG_IC_DATA OSC_IO N1_TS1588_SDP_3 VCC11A_A10 VCC11A_A10 VCC11A_A10 VCC11A_A10
R RMII_REF_CLK OSC_I N3_TS1588_SDP_0 N3_TS1588_SDP_1
T RMII_TXD_0 N0_TS1588_SDP_0 N3_TS1588_SDP_2 VCC11A_CEN VCC33A_CEN
U RMII_RXD_1 N1_TS1588_SDP_2 N2_TS1588_SDP_0 GND G0_RTT_RSET G0_PAD G1_RTT_RSET G1_PAD G2_RTT_RSET G2_PAD G3_RTT_RSET G3_PAD GND N1_RGMII N1_RGMII
V N0_TS1588_SDP_2 N1_TS1588_SDP_0 N0_MDI_P_3 N0_MDI_P_2 N0_MDI_P_1 N0_MDI_P_0 N1_MDI_P_3 N1_MDI_P_2 N1_MDI_P_1 N1_MDI_P_0 N2_MDI_P_3 N2_MDI_P_2 N2_MDI_P_1 N2_MDI_P_0 N3_MDI_P_3 N3_MDI_P_2 N3_MDI_P_1 N3_MDI_P_0 RX_1
W GND N2_TS1588_SDP_2 N0_MDI_N_3 N0_MDI_N_2 N0_MDI_N_1 N0_MDI_N_0 N1_MDI_N_3 N1_MDI_N_2 N1_MDI_N_1 N1_MDI_N_0 N2_MDI_N_3 N2_MDI_N_2 N2_MDI_N_1 N2_MDI_N_0 N3_MDI_N_3 N3_MDI_N_2 N3_MDI_N_1 N3_MDI_N_0 GND

Ω

	MNG	

	MNG	
	MNG	

	MNG	

	MNG	

3.1

3.2

3.3

3.4

3.4

3.5