

Altera DE2 Board Pin Table

Signal Name	FPGA Pin No.	Description
SW[0]	PIN_N25	Toggle Switch[0]
SW[1]	PIN_N26	Toggle Switch[1]
SW[2]	PIN_P25	Toggle Switch[2]
SW[3]	PIN_AE14	Toggle Switch[3]
SW[4]	PIN_AF14	Toggle Switch[4]
SW[5]	PIN_AD13	Toggle Switch[5]
SW[6]	PIN_AC13	Toggle Switch[6]
SW[7]	PIN_C13	Toggle Switch[7]
SW[8]	PIN_B13	Toggle Switch[8]
SW[9]	PIN_A13	Toggle Switch[9]
SW[10]	PIN_N1	Toggle Switch[10]
SW[11]	PIN_P1	Toggle Switch[11]
SW[12]	PIN_P2	Toggle Switch[12]
SW[13]	PIN_T7	Toggle Switch[13]
SW[14]	PIN_U3	Toggle Switch[14]
SW[15]	PIN_U4	Toggle Switch[15]
SW[16]	PIN_V1	Toggle Switch[16]
SW[17]	PIN_V2	Toggle Switch[17]
Signal Name	FPGA Pin No.	Description
DRAM_ADDR[0]	PIN_T6	SDRAM Address[0]
DRAM_ADDR[1]	PIN_V4	SDRAM Address[1]
DRAM_ADDR[2]	PIN_V3	SDRAM Address[2]
DRAM_ADDR[3]	PIN_W2	SDRAM Address[3]
DRAM_ADDR[4]	PIN_W1	SDRAM Address[4]
DRAM_ADDR[5]	PIN_U6	SDRAM Address[5]
DRAM_ADDR[6]	PIN_U7	SDRAM Address[6]
DRAM_ADDR[7]	PIN_U5	SDRAM Address[7]
DRAM_ADDR[8]	PIN_W4	SDRAM Address[8]
DRAM_ADDR[9]	PIN_W3	SDRAM Address[9]
DRAM_ADDR[10]	PIN_Y1	SDRAM Address[10]
DRAM_ADDR[11]	PIN_V5	SDRAM Address[11]
DRAM_DQ[0]	PIN_V6	SDRAM Data[0]
DRAM_DQ[1]	PIN_AA2	SDRAM Data[1]
DRAM_DQ[2]	PIN_AA1	SDRAM Data[2]
DRAM_DQ[3]	PIN_Y3	SDRAM Data[3]
DRAM_DQ[4]	PIN_Y4	SDRAM Data[4]
DRAM_DQ[5]	PIN_R8	SDRAM Data[5]
DRAM_DQ[6]	PIN_T8	SDRAM Data[6]
DRAM_DQ[7]	PIN_V7	SDRAM Data[7]
DRAM_DQ[8]	PIN_W6	SDRAM Data[8]
DRAM_DQ[9]	PIN_AB2	SDRAM Data[9]
DRAM_DQ[10]	PIN_AB1	SDRAM Data[10]
DRAM_DQ[11]	PIN_AA4	SDRAM Data[11]
DRAM_DQ[12]	PIN_AA3	SDRAM Data[12]
DRAM_DQ[13]	PIN_AC2	SDRAM Data[13]
DRAM_DQ[14]	PIN_AC1	SDRAM Data[14]
DRAM_DQ[15]	PIN_AA5	SDRAM Data[15]
DRAM_BA_0	PIN_AE2	SDRAM Bank Address[0]
DRAM_BA_1	PIN_AE3	SDRAM Bank Address[1]
DRAM_LDQM	PIN_AD2	SDRAM Low-byte Data Mask
DRAM_UDQM	PIN_Y5	SDRAM High-byte Data Mask
DRAM_RAS_N	PIN_AB4	SDRAM Row Address Strobe
DRAM_CAS_N	PIN_AB3	SDRAM Column Address Strobe
DRAM_CKE	PIN_AA6	SDRAM Clock Enable
DRAM_CLK	PIN_AA7	SDRAM Clock
DRAM_WE_N	PIN_AD3	SDRAM Write Enable
DRAM_CS_N	PIN_AC3	SDRAM Chip Select
Signal Name	FPGA Pin No.	Description
FL_ADDR[0]	PIN_AC18	FLASH Address[0]
FL_ADDR[1]	PIN_AB18	FLASH Address[1]
FL_ADDR[2]	PIN_AE19	FLASH Address[2]
FL_ADDR[3]	PIN_AF19	FLASH Address[3]
FL_ADDR[4]	PIN_AE18	FLASH Address[4]

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FL_ADDR[5]	PIN_AF18	FLASH Address[5]
FL_ADDR[6]	PIN_Y16	FLASH Address[6]
FL_ADDR[7]	PIN_AA16	FLASH Address[7]
FL_ADDR[8]	PIN_AD17	FLASH Address[8]
FL_ADDR[9]	PIN_AC17	FLASH Address[9]
FL_ADDR[10]	PIN_AE17	FLASH Address[10]
FL_ADDR[11]	PIN_AF17	FLASH Address[11]
FL_ADDR[12]	PIN_W16	FLASH Address[12]
FL_ADDR[13]	PIN_W15	FLASH Address[13]
FL_ADDR[14]	PIN_AC16	FLASH Address[14]
FL_ADDR[15]	PIN_AD16	FLASH Address[15]
FL_ADDR[16]	PIN_AE16	FLASH Address[16]
FL_ADDR[17]	PIN_AC15	FLASH Address[17]
FL_ADDR[18]	PIN_AB15	FLASH Address[18]
FL_ADDR[19]	PIN_AA15	FLASH Address[19]
FL_ADDR[20]	PIN_Y15	FLASH Address[20]
FL_ADDR[21]	PIN_Y14	FLASH Address[21]
FL_DQ[0]	PIN_AD19	FLASH Data[0]
FL_DQ[1]	PIN_AC19	FLASH Data[1]
FL_DQ[2]	PIN_AF20	FLASH Data[2]
FL_DQ[3]	PIN_AE20	FLASH Data[3]
FL_DQ[4]	PIN_AB20	FLASH Data[4]
FL_DQ[5]	PIN_AC20	FLASH Data[5]
FL_DQ[6]	PIN_AF21	FLASH Data[6]
FL_DQ[7]	PIN_AE21	FLASH Data[7]
FL_CE_N	PIN_V17	FLASH Chip Enable
FL_OE_N	PIN_W17	FLASH Output Enable
FL_RST_N	PIN_AA18	FLASH Reset
FL_WE_N	PIN_AA17	FLASH Write Enable
Signal Name	FPGA Pin No.	Description
SRAM_ADDR[0]	PIN_AE4	SRAM Address[0]
SRAM_ADDR[1]	PIN_AF4	SRAM Address[1]
SRAM_ADDR[2]	PIN_AC5	SRAM Address[2]
SRAM_ADDR[3]	PIN_AC6	SRAM Address[3]
SRAM_ADDR[4]	PIN_AD4	SRAM Address[4]
SRAM_ADDR[5]	PIN_AD5	SRAM Address[5]
SRAM_ADDR[6]	PIN_AE5	SRAM Address[6]
SRAM_ADDR[7]	PIN_AF5	SRAM Address[7]
SRAM_ADDR[8]	PIN_AD6	SRAM Address[8]
SRAM_ADDR[9]	PIN_AD7	SRAM Address[9]
SRAM_ADDR[10]	PIN_V10	SRAM Address[10]
SRAM_ADDR[11]	PIN_V9	SRAM Address[11]
SRAM_ADDR[12]	PIN_AC7	SRAM Address[12]
SRAM_ADDR[13]	PIN_W8	SRAM Address[13]
SRAM_ADDR[14]	PIN_W10	SRAM Address[14]
SRAM_ADDR[15]	PIN_Y10	SRAM Address[15]
SRAM_ADDR[16]	PIN_AB8	SRAM Address[16]
SRAM_ADDR[17]	PIN_AC8	SRAM Address[17]
SRAM_DQ[0]	PIN_AD8	SRAM Data[0]
SRAM_DQ[1]	PIN_AE6	SRAM Data[1]
SRAM_DQ[2]	PIN_AF6	SRAM Data[2]
SRAM_DQ[3]	PIN_AA9	SRAM Data[3]
SRAM_DQ[4]	PIN_AA10	SRAM Data[4]
SRAM_DQ[5]	PIN_AB10	SRAM Data[5]
SRAM_DQ[6]	PIN_AA11	SRAM Data[6]
SRAM_DQ[7]	PIN_Y11	SRAM Data[7]
SRAM_DQ[8]	PIN_AE7	SRAM Data[8]
SRAM_DQ[9]	PIN_AF7	SRAM Data[9]
SRAM_DQ[10]	PIN_AE8	SRAM Data[10]
SRAM_DQ[11]	PIN_AF8	SRAM Data[11]
SRAM_DQ[12]	PIN_W11	SRAM Data[12]
SRAM_DQ[13]	PIN_W12	SRAM Data[13]
SRAM_DQ[14]	PIN_AC9	SRAM Data[14]
SRAM_DQ[15]	PIN_AC10	SRAM Data[15]

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SRAM_WE_N	PIN_AE10	SRAM Write Enable
SRAM_OE_N	PIN_AD10	SRAM Output Enable
SRAM_UB_N	PIN_AF9	SRAM High-byte Data Mask
SRAM_LB_N	PIN_AE9	SRAM Low-byte Data Mask
SRAM_CE_N	PIN_AC11	SRAM Chip Enable
Signal Name	FPGA Pin No.	Description
OTG_ADDR[0]	PIN_K7	ISP1362 Address[0]
OTG_ADDR[1]	PIN_F2	ISP1362 Address[1]
OTG_DATA[0]	PIN_F4	ISP1362 Data[0]
OTG_DATA[1]	PIN_D2	ISP1362 Data[1]
OTG_DATA[2]	PIN_D1	ISP1362 Data[2]
OTG_DATA[3]	PIN_F7	ISP1362 Data[3]
OTG_DATA[4]	PIN_J5	ISP1362 Data[4]
OTG_DATA[5]	PIN_J8	ISP1362 Data[5]
OTG_DATA[6]	PIN_J7	ISP1362 Data[6]
OTG_DATA[7]	PIN_H6	ISP1362 Data[7]
OTG_DATA[8]	PIN_E2	ISP1362 Data[8]
OTG_DATA[9]	PIN_E1	ISP1362 Data[9]
OTG_DATA[10]	PIN_K6	ISP1362 Data[10]
OTG_DATA[11]	PIN_K5	ISP1362 Data[11]
OTG_DATA[12]	PIN_G4	ISP1362 Data[12]
OTG_DATA[13]	PIN_G3	ISP1362 Data[13]
OTG_DATA[14]	PIN_J6	ISP1362 Data[14]
OTG_DATA[15]	PIN_K8	ISP1362 Data[15]
OTG_CS_N	PIN_F1	ISP1362 Chip Select
OTG_RD_N	PIN_G2	ISP1362 Read
OTG_WR_N	PIN_G1	ISP1362 Write
OTG_RST_N	PIN_G5	ISP1362 Reset
OTG_INT0	PIN_B3	ISP1362 Interrupt 0
OTG_INT1	PIN_C3	ISP1362 Interrupt 1
OTG_DACK0_N	PIN_C2	ISP1362 DMA Acknowledge 0
OTG_DACK1_N	PIN_B2	ISP1362 DMA Acknowledge 1
OTG_DREQ0	PIN_F6	ISP1362 DMA Request 0
OTG_DREQ1	PIN_E5	ISP1362 DMA Request 1
OTG_FSPPEED	PIN_F3	USB Full Speed, 0 = Enable, Z = Disable
OTG_LSPPEED	PIN_G6	USB Low Speed, 0 = Enable, Z = Disable
Signal Name	FPGA Pin No.	Description
LCD_DATA[0]	PIN_J1	LCD Data[0]
LCD_DATA[1]	PIN_J2	LCD Data[1]
LCD_DATA[2]	PIN_H1	LCD Data[2]
LCD_DATA[3]	PIN_H2	LCD Data[3]
LCD_DATA[4]	PIN_J4	LCD Data[4]
LCD_DATA[5]	PIN_J3	LCD Data[5]
LCD_DATA[6]	PIN_H4	LCD Data[6]
LCD_DATA[7]	PIN_H3	LCD Data[7]
LCD_RW	PIN_K4	LCD Read/Write Select, 0 = Write, 1 = Read
LCD_EN	PIN_K3	LCD Enable
LCD_RS	PIN_K1	LCD Command/Data Select, 0 = Command, 1 = Data
LCD_ON	PIN_L4	LCD Power ON/OFF
LCD_BLON	PIN_K2	LCD Back Light ON/OFF
Signal Name	FPGA Pin No.	Description
SD_DAT	PIN_AD24	SD Card Data
SD_DAT3	PIN_AC23	SD Card Data 3
SD_CMD	PIN_Y21	SD Card Command Signal
SD_CLK	PIN_AD25	SD Card Clock
Signal Name	FPGA Pin No.	Description
TDI	PIN_B14	CPLD -> FPGA (Data in)
TCS	PIN_A14	CPLD -> FPGA (CS)
TCK	PIN_D14	CPLD -> FPGA (Clock)
TDO	PIN_F14	FPGA -> CPLD (Data out)
Signal Name	FPGA Pin No.	Description
IRDA_TXD	PIN_AE24	IRDA Transmitter
IRDA_RXD	PIN_AE25	IRDA Receiver
Signal Name	FPGA Pin No.	Description

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HEX0[0]	PIN_AF10	Seven Segment Digit 0[0]
HEX0[1]	PIN_AB12	Seven Segment Digit 0[1]
HEX0[2]	PIN_AC12	Seven Segment Digit 0[2]
HEX0[3]	PIN_AD11	Seven Segment Digit 0[3]
HEX0[4]	PIN_AE11	Seven Segment Digit 0[4]
HEX0[5]	PIN_V14	Seven Segment Digit 0[5]
HEX0[6]	PIN_V13	Seven Segment Digit 0[6]
HEX1[0]	PIN_V20	Seven Segment Digit 1[0]
HEX1[1]	PIN_V21	Seven Segment Digit 1[1]
HEX1[2]	PIN_W21	Seven Segment Digit 1[2]
HEX1[3]	PIN_Y22	Seven Segment Digit 1[3]
HEX1[4]	PIN_AA24	Seven Segment Digit 1[4]
HEX1[5]	PIN_AA23	Seven Segment Digit 1[5]
HEX1[6]	PIN_AB24	Seven Segment Digit 1[6]
HEX2[0]	PIN_AB23	Seven Segment Digit 2[0]
HEX2[1]	PIN_V22	Seven Segment Digit 2[1]
HEX2[2]	PIN_AC25	Seven Segment Digit 2[2]
HEX2[3]	PIN_AC26	Seven Segment Digit 2[3]
HEX2[4]	PIN_AB26	Seven Segment Digit 2[4]
HEX2[5]	PIN_AB25	Seven Segment Digit 2[5]
HEX2[6]	PIN_Y24	Seven Segment Digit 2[6]
HEX3[0]	PIN_Y23	Seven Segment Digit 3[0]
HEX3[1]	PIN_AA25	Seven Segment Digit 3[1]
HEX3[2]	PIN_AA26	Seven Segment Digit 3[2]
HEX3[3]	PIN_Y26	Seven Segment Digit 3[3]
HEX3[4]	PIN_Y25	Seven Segment Digit 3[4]
HEX3[5]	PIN_U22	Seven Segment Digit 3[5]
HEX3[6]	PIN_W24	Seven Segment Digit 3[6]
HEX4[0]	PIN_U9	Seven Segment Digit 4[0]
HEX4[1]	PIN_U1	Seven Segment Digit 4[1]
HEX4[2]	PIN_U2	Seven Segment Digit 4[2]
HEX4[3]	PIN_T4	Seven Segment Digit 4[3]
HEX4[4]	PIN_R7	Seven Segment Digit 4[4]
HEX4[5]	PIN_R6	Seven Segment Digit 4[5]
HEX4[6]	PIN_T3	Seven Segment Digit 4[6]
HEX5[0]	PIN_T2	Seven Segment Digit 5[0]
HEX5[1]	PIN_P6	Seven Segment Digit 5[1]
HEX5[2]	PIN_P7	Seven Segment Digit 5[2]
HEX5[3]	PIN_T9	Seven Segment Digit 5[3]
HEX5[4]	PIN_R5	Seven Segment Digit 5[4]
HEX5[5]	PIN_R4	Seven Segment Digit 5[5]
HEX5[6]	PIN_R3	Seven Segment Digit 5[6]
HEX6[0]	PIN_R2	Seven Segment Digit 6[0]
HEX6[1]	PIN_P4	Seven Segment Digit 6[1]
HEX6[2]	PIN_P3	Seven Segment Digit 6[2]
HEX6[3]	PIN_M2	Seven Segment Digit 6[3]
HEX6[4]	PIN_M3	Seven Segment Digit 6[4]
HEX6[5]	PIN_M5	Seven Segment Digit 6[5]
HEX6[6]	PIN_M4	Seven Segment Digit 6[6]
HEX7[0]	PIN_L3	Seven Segment Digit 7[0]
HEX7[1]	PIN_L2	Seven Segment Digit 7[1]
HEX7[2]	PIN_L9	Seven Segment Digit 7[2]
HEX7[3]	PIN_L6	Seven Segment Digit 7[3]
HEX7[4]	PIN_L7	Seven Segment Digit 7[4]
HEX7[5]	PIN_P9	Seven Segment Digit 7[5]
HEX7[6]	PIN_N9	Seven Segment Digit 7[6]
Signal Name	FPGA Pin No.	Description
KEY[0]	PIN_G26	Pushbutton[0]
KEY[1]	PIN_N23	Pushbutton[1]
KEY[2]	PIN_P23	Pushbutton[2]
KEY[3]	PIN_W26	Pushbutton[3]
Signal Name	FPGA Pin No.	Description
LEDR[0]	PIN_AE23	LED Red[0]
LEDR[1]	PIN_AF23	LED Red[1]

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LEDR[2]	PIN_AB21	LED Red[2]
LEDR[3]	PIN_AC22	LED Red[3]
LEDR[4]	PIN_AD22	LED Red[4]
LEDR[5]	PIN_AD23	LED Red[5]
LEDR[6]	PIN_AD21	LED Red[6]
LEDR[7]	PIN_AC21	LED Red[7]
LEDR[8]	PIN_AA14	LED Red[8]
LEDR[9]	PIN_Y13	LED Red[9]
LEDR[10]	PIN_AA13	LED Red[10]
LEDR[11]	PIN_AC14	LED Red[11]
LEDR[12]	PIN_AD15	LED Red[12]
LEDR[13]	PIN_AE15	LED Red[13]
LEDR[14]	PIN_AF13	LED Red[14]
LEDR[15]	PIN_AE13	LED Red[15]
LEDR[16]	PIN_AE12	LED Red[16]
LEDR[17]	PIN_AD12	LED Red[17]
LEDG[0]	PIN_AE22	LED Green[0]
LEDG[1]	PIN_AF22	LED Green[1]
LEDG[2]	PIN_W19	LED Green[2]
LEDG[3]	PIN_V18	LED Green[3]
LEDG[4]	PIN_U18	LED Green[4]
LEDG[5]	PIN_U17	LED Green[5]
LEDG[6]	PIN_AA20	LED Green[6]
LEDG[7]	PIN_Y18	LED Green[7]
LEDG[8]	PIN_Y12	LED Green[8]
Signal Name	FPGA Pin No.	Description
CLOCK_27	PIN_D13	On Board 27 MHz
CLOCK_50	PIN_N2	On Board 50 MHz
EXT_CLOCK	PIN_P26	External Clock
Signal Name	FPGA Pin No.	Description
UART_RXD	PIN_C25	UART Receiver
UART_TXD	PIN_B25	UART Transmitter
Signal Name	FPGA Pin No.	Description
PS2_CLK	PIN_D26	PS2 Data
PS2_DAT	PIN_C24	PS2 Clock
Signal Name	FPGA Pin No.	Description
I2C_SCLK	PIN_A6	I2C Data
I2C_SDAT	PIN_B6	I2C Clock
Signal Name	FPGA Pin No.	Description
TD_DATA[0]	PIN_J9	TV Decoder Data[0]
TD_DATA[1]	PIN_E8	TV Decoder Data[1]
TD_DATA[2]	PIN_H8	TV Decoder Data[2]
TD_DATA[3]	PIN_H10	TV Decoder Data[3]
TD_DATA[4]	PIN_G9	TV Decoder Data[4]
TD_DATA[5]	PIN_F9	TV Decoder Data[5]
TD_DATA[6]	PIN_D7	TV Decoder Data[6]
TD_DATA[7]	PIN_C7	TV Decoder Data[7]
TD_HS	PIN_D5	TV Decoder H_SYNC
TD_VS	PIN_K9	TV Decoder V_SYNC
TD_RESET	PIN_C4	TV Decoder Reset
Signal Name	FPGA Pin No.	Description
VGA_R[0]	PIN_C8	VGA Red[0]
VGA_R[1]	PIN_F10	VGA Red[1]
VGA_R[2]	PIN_G10	VGA Red[2]
VGA_R[3]	PIN_D9	VGA Red[3]
VGA_R[4]	PIN_C9	VGA Red[4]
VGA_R[5]	PIN_A8	VGA Red[5]
VGA_R[6]	PIN_H11	VGA Red[6]
VGA_R[7]	PIN_H12	VGA Red[7]
VGA_R[8]	PIN_F11	VGA Red[8]
VGA_R[9]	PIN_E10	VGA Red[9]
VGA_G[0]	PIN_B9	VGA Green[0]
VGA_G[1]	PIN_A9	VGA Green[1]
VGA_G[2]	PIN_C10	VGA Green[2]

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VGA_G[3]	PIN_D10	VGA Green[3]
VGA_G[4]	PIN_B10	VGA Green[4]
VGA_G[5]	PIN_A10	VGA Green[5]
VGA_G[6]	PIN_G11	VGA Green[6]
VGA_G[7]	PIN_D11	VGA Green[7]
VGA_G[8]	PIN_E12	VGA Green[8]
VGA_G[9]	PIN_D12	VGA Green[9]
VGA_B[0]	PIN_J13	VGA Blue[0]
VGA_B[1]	PIN_J14	VGA Blue[1]
VGA_B[2]	PIN_F12	VGA Blue[2]
VGA_B[3]	PIN_G12	VGA Blue[3]
VGA_B[4]	PIN_J10	VGA Blue[4]
VGA_B[5]	PIN_J11	VGA Blue[5]
VGA_B[6]	PIN_C11	VGA Blue[6]
VGA_B[7]	PIN_B11	VGA Blue[7]
VGA_B[8]	PIN_C12	VGA Blue[8]
VGA_B[9]	PIN_B12	VGA Blue[9]
VGA_CLK	PIN_B8	VGA Clock
VGA_BLANK	PIN_D6	VGA BLANK
VGA_HS	PIN_A7	VGA H_SYNC
VGA_VS	PIN_D8	VGA V_SYNC
VGA_SYNC	PIN_B7	VGA SYNC
Signal Name	FPGA Pin No.	Description
AUD_ADCLRCK	PIN_C5	Audio CODEC ADC LR Clock
AUD_ADCDATA	PIN_B5	Audio CODEC ADC Data
AUD_DACLCK	PIN_C6	Audio CODEC DAC LR Clock
AUD_DACDATA	PIN_A4	Audio CODEC DAC Data
AUD_XCK	PIN_A5	Audio CODEC Chip Clock
AUD_BCLK	PIN_B4	Audio CODEC Bit-Stream Clock
Signal Name	FPGA Pin No.	Description
ENET_DATA[0]	PIN_D17	DM9000A DATA[0]
ENET_DATA[1]	PIN_C17	DM9000A DATA[1]
ENET_DATA[2]	PIN_B18	DM9000A DATA[2]
ENET_DATA[3]	PIN_A18	DM9000A DATA[3]
ENET_DATA[4]	PIN_B17	DM9000A DATA[4]
ENET_DATA[5]	PIN_A17	DM9000A DATA[5]
ENET_DATA[6]	PIN_B16	DM9000A DATA[6]
ENET_DATA[7]	PIN_B15	DM9000A DATA[7]
ENET_DATA[8]	PIN_B20	DM9000A DATA[8]
ENET_DATA[9]	PIN_A20	DM9000A DATA[9]
ENET_DATA[10]	PIN_C19	DM9000A DATA[10]
ENET_DATA[11]	PIN_D19	DM9000A DATA[11]
ENET_DATA[12]	PIN_B19	DM9000A DATA[12]
ENET_DATA[13]	PIN_A19	DM9000A DATA[13]
ENET_DATA[14]	PIN_E18	DM9000A DATA[14]
ENET_DATA[15]	PIN_D18	DM9000A DATA[15]
ENET_CLK	PIN_B24	DM9000A Clock 25 MHz
ENET_CMD	PIN_A21	DM9000A Command/Data Select, 0 = Command, 1 = Data
ENET_CS_N	PIN_A23	DM9000A Chip Select
ENET_INT	PIN_B21	DM9000A Interrupt
ENET_RD_N	PIN_A22	DM9000A Read
ENET_WR_N	PIN_B22	DM9000A Write
ENET_RST_N	PIN_B23	DM9000A Reset
Signal Name	FPGA Pin No.	Description
GPIO_0[0]	PIN_D25	GPIO Connection 0[0]
GPIO_0[1]	PIN_J22	GPIO Connection 0[1]
GPIO_0[2]	PIN_E26	GPIO Connection 0[2]
GPIO_0[3]	PIN_E25	GPIO Connection 0[3]
GPIO_0[4]	PIN_F24	GPIO Connection 0[4]
GPIO_0[5]	PIN_F23	GPIO Connection 0[5]
GPIO_0[6]	PIN_J21	GPIO Connection 0[6]
GPIO_0[7]	PIN_J20	GPIO Connection 0[7]
GPIO_0[8]	PIN_F25	GPIO Connection 0[8]
GPIO_0[9]	PIN_F26	GPIO Connection 0[9]

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GPIO_0[10]	PIN_N18	GPIO Connection 0[10]
GPIO_0[11]	PIN_P18	GPIO Connection 0[11]
GPIO_0[12]	PIN_G23	GPIO Connection 0[12]
GPIO_0[13]	PIN_G24	GPIO Connection 0[13]
GPIO_0[14]	PIN_K22	GPIO Connection 0[14]
GPIO_0[15]	PIN_G25	GPIO Connection 0[15]
GPIO_0[16]	PIN_H23	GPIO Connection 0[16]
GPIO_0[17]	PIN_H24	GPIO Connection 0[17]
GPIO_0[18]	PIN_J23	GPIO Connection 0[18]
GPIO_0[19]	PIN_J24	GPIO Connection 0[19]
GPIO_0[20]	PIN_H25	GPIO Connection 0[20]
GPIO_0[21]	PIN_H26	GPIO Connection 0[21]
GPIO_0[22]	PIN_H19	GPIO Connection 0[22]
GPIO_0[23]	PIN_K18	GPIO Connection 0[23]
GPIO_0[24]	PIN_K19	GPIO Connection 0[24]
GPIO_0[25]	PIN_K21	GPIO Connection 0[25]
GPIO_0[26]	PIN_K23	GPIO Connection 0[26]
GPIO_0[27]	PIN_K24	GPIO Connection 0[27]
GPIO_0[28]	PIN_L21	GPIO Connection 0[28]
GPIO_0[29]	PIN_L20	GPIO Connection 0[29]
GPIO_0[30]	PIN_J25	GPIO Connection 0[30]
GPIO_0[31]	PIN_J26	GPIO Connection 0[31]
GPIO_0[32]	PIN_L23	GPIO Connection 0[32]
GPIO_0[33]	PIN_L24	GPIO Connection 0[33]
GPIO_0[34]	PIN_L25	GPIO Connection 0[34]
GPIO_0[35]	PIN_L19	GPIO Connection 0[35]
GPIO_1[0]	PIN_K25	GPIO Connection 1[0]
GPIO_1[1]	PIN_K26	GPIO Connection 1[1]
GPIO_1[2]	PIN_M22	GPIO Connection 1[2]
GPIO_1[3]	PIN_M23	GPIO Connection 1[3]
GPIO_1[4]	PIN_M19	GPIO Connection 1[4]
GPIO_1[5]	PIN_M20	GPIO Connection 1[5]
GPIO_1[6]	PIN_N20	GPIO Connection 1[6]
GPIO_1[7]	PIN_M21	GPIO Connection 1[7]
GPIO_1[8]	PIN_M24	GPIO Connection 1[8]
GPIO_1[9]	PIN_M25	GPIO Connection 1[9]
GPIO_1[10]	PIN_N24	GPIO Connection 1[10]
GPIO_1[11]	PIN_P24	GPIO Connection 1[11]
GPIO_1[12]	PIN_R25	GPIO Connection 1[12]
GPIO_1[13]	PIN_R24	GPIO Connection 1[13]
GPIO_1[14]	PIN_R20	GPIO Connection 1[14]
GPIO_1[15]	PIN_T22	GPIO Connection 1[15]
GPIO_1[16]	PIN_T23	GPIO Connection 1[16]
GPIO_1[17]	PIN_T24	GPIO Connection 1[17]
GPIO_1[18]	PIN_T25	GPIO Connection 1[18]
GPIO_1[19]	PIN_T18	GPIO Connection 1[19]
GPIO_1[20]	PIN_T21	GPIO Connection 1[20]
GPIO_1[21]	PIN_T20	GPIO Connection 1[21]
GPIO_1[22]	PIN_U26	GPIO Connection 1[22]
GPIO_1[23]	PIN_U25	GPIO Connection 1[23]
GPIO_1[24]	PIN_U23	GPIO Connection 1[24]
GPIO_1[25]	PIN_U24	GPIO Connection 1[25]
GPIO_1[26]	PIN_R19	GPIO Connection 1[26]
GPIO_1[27]	PIN_T19	GPIO Connection 1[27]
GPIO_1[28]	PIN_U20	GPIO Connection 1[28]
GPIO_1[29]	PIN_U21	GPIO Connection 1[29]
GPIO_1[30]	PIN_V26	GPIO Connection 1[30]
GPIO_1[31]	PIN_V25	GPIO Connection 1[31]
GPIO_1[32]	PIN_V24	GPIO Connection 1[32]
GPIO_1[33]	PIN_V23	GPIO Connection 1[33]
GPIO_1[34]	PIN_W25	GPIO Connection 1[34]
GPIO_1[35]	PIN_W23	GPIO Connection 1[35]