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U6
XC6SLX25-FT256

ADC

AD_DOUT[5] IO_L43N_GCLK22_IRDY2_M3CASN_3
AD_DIN_H4 IO_L44P_GCLK21_M3A5_3
AD_CS_F6 IO_L55P_M3A13_3
AD_SCLKG6 IO_L51P_M3A10_3

DIP Switch

SW4_L5 IO_L45N_M3ODT_3
SW3_L4 IO_L45P_M3A3_3
SW2_L3 IO_L36P_M3DQ8_3
SW1_L1 IO_L36N_M3DQ9_3

micro SD Card

SD_CLK_L12 IO_L53P_1
SD_CD/DAT3_K12 IO_L42P_GCLK7_M1UDM_1
SD_DAT0_M10 IO_L16N_VREF_2
SD_DAT1_L10 IO_L16P_2
SD_DAT2_J11 IO_L40P_GCLK11_M1A5_1
SD_CMD_K11 IO_L42N_GCLK6_TRDY1_M1LDM_1

LEDs

LED1_P11 IO_L13N_D10_2
LED2_N9 IO_L14P_D11_2
LED4_M9 IO_L29P_GCLK3_2
LED3_P9 IO_L14N_D12_2
LED8_T8 IO_L13N_GCLK2_USERSCCLK_2
LED5_N8 IO_L29N_GCLK2_2
LED7_P8 IO_L30P_GCLK1_D13_2
LED6_P7 IO_L31P_GCLK3_D14_2

POWER & GROUND

GND_A1	GND@19	3V3_D2	VCCO_3@3	1V2_G7	VCCINT@5
GND_T1	GND@22	3V3_N2	VCCO_3@4	1V2_H8	VCCINT@1
GND_G2	GND@18	3V3_B4	VCCO_3@5	1V2_K8	VCCINT@4
GND_L2	GND@20	3V3_G4	VCCO_3@2	1V2_G9	VCCINT@3
GND_P3	GND@24	3V3_K4	VCCO_3@1	1V2_J9	VCCINT@8
GND_J5	GND@12	3V3_E5	VCCO_2@3	1V2_H10	VCCINT@6
GND_R6	GND@16	3V3_H6	VCCAUX@1	1V2_K10	VCCINT@7
GND_B7	GND@13	3V3_L6	VCCAUX@7		
GND_H7	GND@5	3V3_N10	VCCAUX@8		
GND_K7	GND@3	3V3_D7	VCCO_0@5		
GND_J8	GND@15	3V3_N7	VCCO_2@1		
GND_M8	GND@9	3V3_F8	VCCAUX@5		
GND_E9	GND@25	3V3_B9	VCCO_2@4		
GND_H9	GND@11	3V3_L9	VCCO_0@1		
GND_R9	GND@23	3V3_D10	VCCAUX@4		
GND_K9	GND@17	3V3_G10	VCCO_0@3		
GND_B10	GND@6	3V3_J10	VCCAUX@3		
GND_H12	GND@8	3V3_F11	VCCO_2@2		
GND_D13	GND@7	3V3_B13	VCCAUX@2		
GND_N13	GND@26	3V3_G13	VCCO_0@4		
GND_G15	GND@21	3V3_D15	VCCO_1@2		
GND_L15	GND@2	3V3_K13	VCCO_1@1		
GND_A16	GND@10	3V3_R13	VCCO_1@6		
GND_T16	GND@4	3V3_D15	VCCO_1@4		
		3V3_J15	VCCO_1@5		
		3V3_N15	VCCO_1@3		

CONFIG

REBOOT_T2 PROGRAM_B_2
FPGA-INIT#_R3 IO_L65P_INIT_B_2
FPGA-DONE_T11 DONE_2
3V3_N11 IO_L1N_M0_CMPMISO_2
GND_C4 IO_L13P_M1_2
GND_P14 IO_L1P_RSWAPEN_0
GND_P14 SUSPEND

JTAG

TCK_C14 TCK
TMS_A15 TMS
TDI_C12 TDI
TDO_E14 TDO

FLASH

FLASH-CS#_T3 IO_L65N_CSO_B_2
FPGA-CCLK_R11 IO_L1P_CCLK_2
FPGA-MOSI_T10 IO_L3N_MOSI_CSI_B_MISO0_2
FPGA-MISO_P10 IO_L3P_D0_DIN_MISO_MISO1_2

GPIOs

PORTA0_E7	IO_L36P_GCLK15_0	PORTB0_E11	IO_L64N_SCP4_0	PORTC0_J13	IO_L41P_GCLK9_IRDY1_M1RASN_1
PORTA1_C5	IO_L38N_VREF_0	PORTB1_D14	IO_L31P_A19_M1CKE_1	PORTC1_J12	IO_L40N_GCLK10_M1A6_1
PORTA2_D8	IO_L38P_0	PORTB2_D12	IO_L66N_SCP0_0	PORTC2_K14	IO_L41N_GCLK8_M1CASN_1
PORTA3_E8	IO_L36N_GCLK14_0	PORTB3_E12	IO_L11N_A24_VREF_1	PORTC3_L14	IO_L47P_FWE_B_M1DQ0_1
PORTA4_D9	IO_L40N_0	PORTB4_E13	IO_L1P_A25_1	PORTC4_L13	IO_L53N_VREF_1
PORTA5_A10	IO_L35N_GCLK16_0	PORTB5_F13	IO_L32P_A17_M1A8_1	PORTC5_M14	IO_L74N_DOUT_BUSY_1
PORTA6_B10	IO_L35P_GCLK17_0	PORTB6_F12	IO_L30P_A21_M1RESET	PORTC6_M13	IO_L74P_AWAKE_1
PORTA7_C10	IO_L37N_GCLK12_0	PORTB7_F14	IO_L32N_A16_M1A9_1	PORTC7_N14	IO_L45P_A1_M1DQS_1
PORTA8_E10	IO_L37P_GCLK13_0	PORTB8_G12	IO_L38P_A5_M1CLK_1	PORTC8_M12	IO_L2P_CMPCLK_2
PORTA9_F9	IO_L40P_0	PORTB9_G14	IO_L38P_A9_M1BA0_1	PORTC9_N12	IO_L12P_D1_MISO2_2
PORTA10_F10	IO_L46P_SCP5_0	PORTB10_H14	IO_L38N_M1ODT_1	PORTC10_P12	IO_L12N_D2_MISO3_2
PORTA11_D11	IO_L66P_SCP1_0	PORTB11_J14	IO_L43P_GCLK5_M1DQ4	PORTC11_M11	IO_L2N_CMPMOSI_2
PORTD0_D6	IO_L7P_0				
PORTD1_C6	IO_L7N_0				
PORTD2_E6	IO_L5N_0				
PORTD3_C5	IO_L3N_0				
PORTE0_D5	IO_L3P_0	PORTE0_E2	IO_L46P_M3CLK_3	PORTE10_H2	IO_L38P_M3LDQS_3
PORTE1_A4	IO_L1N_VREF_0	PORTE1_E1	IO_L46N_M3CLKN_3	PORTE11_J1	IO_L38N_M3DQ3_3
PORTE2_G5	IO_L51N_M3A4_3	PORTE2_E4	IO_L54P_M3RESET_3		
PORTE3_A3	IO_L33N_VREF_3	PORTE3_F4	IO_L53P_M3CKE_3		
PORTE4_B3	IO_L83P_3	PORTE4_F5	IO_L55N_M3A14_3		
PORTE5_A2	IO_L52N_M3A9_3	PORTE5_G3	IO_L40P_M3DQ6_3		
PORTE6_B2	IO_L52P_M3A8_3	PORTE6_F3	IO_L53N_M3A12_3		
PORTE7_C3	IO_L48P_M3BA0_3	PORTE7_G1	IO_L40N_M3DQ7_3		
PORTE8_C2	IO_L48N_M3BA1_3	PORTE8_H3	IO_L44N_GCLK20_M3A6_3		
PORTE9_D3	IO_L48P_M3A7_3	PORTE9_H1	IO_L39N_M3LDQSN_3		
PORTE10_D1	IO_L48N_M3A2_3	PORTE10_H2	IO_L39P_M3LDQS_3		
PORTE11_E3	IO_L54N_M3A11_3	PORTE11_J1	IO_L38N_M3DQ3_3		

Not Used

H13	IO_L39P_M1A3_1	J3	IO_L38P_M3DQ2_3
H11	IO_L38N_A4_M1CLKN_1	L8	IO_L62P_D5_2
G11	IO_L30N_A20_M1A11_1	L7	IO_L62N_D6_2
		J6	IO_L43P_GCLK23_M3RASN_3
F7	IO_L5P_0	K5	IO_L47P_M3A0_3
F1	IO_L41N_GCLK26_M3DQ5_3	M5	IO_L2P_3
		M4	IO_L1P_3
L11	CMPCBS_B_2	K6	IO_L47N_M3A1_3
F2	IO_L41P_GCLK27_M3DQ4_3	P6	IO_L47P_2
K2	IO_L37P_M3DQ0_3	N4	IO_L2N_3
		K1	IO_L37N_M3DQ1_3

SDRAM

IO_L35P_A11_M1A7_1	F15	UDQM
IO_L36N_A8_M1BA1_1	G16	SDRAM-CK
IO_L37N_A6_M1A1_1	H15	CKE
IO_L37P_A7_M1A0_1	J16	A11
IO_L43N_GCLK4_M1DQ5_1	K16	A9
IO_L44N_A2_M1DQ7_1	K15	A8
IO_L44P_A3_M1DQ6_1	L16	A7
IO_L47N_LDC_M1DQ1_1	M16	A6
IO_L46N_FOE_B_M1DQ3_1	M15	A5
IO_L46P_FCS_B_M1DQ2_1	N16	A4
IO_L45N_A0_M1DQSN_1	P16	A3
IO_L48N_M1DQ9_1	P15	A2
IO_L48P_HDC_M1DQ8_1	R16	A1
IO_L49N_M1DQ11_1	T15	A0
IO_L50N_M1UDQSN_1	R15	A10
IO_L49P_M1DQ10_1	T14	BS1
IO_L51P_M1DQ12_1	R14	BS0
IO_L50P_M1UDQS_1	R1	SDRAM-CS#
IO_L32N_M3DQ15_3	R2	RAS#
IO_L32P_M3DQ14_3	T4	CAS#
IO_L63N_2	R5	WE#
IO_L48P_D7_2	T5	LDQM
IO_L48N_RDWR_B_VREF_2	C15	D15
IO_L33P_A15_M1A10_1	C16	D14
IO_L33N_A14_M1A4_1	B15	D13
IO_L29P_A23_M1A13_1	B16	D12
IO_L29N_A22_M1A14_1	D16	D11
IO_L31N_A18_M1A12_1	E16	D10
IO_L34N_A12_M1BA2_1	E15	D9
IO_L34P_A13_M1WE_1	F16	D8
IO_L35N_A10_M1A2_1	T6	D7
IO_L47N_2	R7	D6
IO_L32P_GCLK29_2	T7	D5
IO_L32N_GCLK28_2	R9	D4
IO_L23P_2	T9	D3
IO_L23N_2	R12	D2
IO_L52P_M1DQ14_1	T12	D1
IO_L52N_M1DQ15_1	T13	D0
IO_L51N_M1DQ13_1		

FTDI

FTDI_D0	M7	IO_L31N_GCLK30_D15_2
FTDI_D1	N6	IO_L64N_D9_2
FTDI_D2	M6	IO_L64P_D8_2
FTDI_D3	P5	IO_L49N_D4_2
FTDI_D4	N5	IO_L49P_D3_2
FTDI_D5	P4	IO_L63P_2
FTDI_D6	P2	IO_L33P_M3DQ12_3
FTDI_D7	P1	IO_L33N_M3DQ13_3
FTDI_RXF	N3	IO_L34P_M3UDQS_3
FTDI_TXF	N1	IO_L34N_M3UDQSN_3
FTDI_SIWUA	M3	IO_L1N_VREF_3
FTDI_WB3	M2	IO_L35P_M3DQ10_3
FTDI_RD	M1	IO_L35N_M3DQ11_3

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