



Bill of Materials

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Source Data From: spartan 3 schematic .PrjPcb
 Project: spartan 3 schematic .PrjPcb
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
321Q120Q	100nF	Cap PoB, MY_cap(SMD)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C24, C25, C26, C37	Polarized Capacitor (Surface Mount)	24
321Q120Q	470uF	MY_cap(SMD)	C21		1
321Q120Q	1uF	MY_cap(SMD)	C22, C23		2
321Q120Q	10nF	Cap PoB, MY_cap(SMD)	C27, C28, C29, C30, C31, C32, C33, C35	Polarized Capacitor (Surface Mount)	8
321Q120Q	10uF	Cap PoB, Cap Semi	C34, C36, C38, C39	Capacitor (Semiconductor SIM Model), Polarized Capacitor (Surface Mount)	4
321Q120Q	22uF	Cap PoB	C40	Polarized Capacitor (Surface Mount)	1
AXIAL-0.4	1N4148	my_diode_1n4148	D9		1
HDR1X6	HDR1X6	Header6	F_JTAG1, F_JTAG2	Header,6-Pin	2
3.2X1.6X1.1	LED_SMD	MY_LED	L1, L2, L3, L4, L5, L6, L7, L8, L9		9
HDR1X2H	Header2H	Header2H	P1	Header,2-Pin, Right Angle	1
321Q120Q	4.7K	Res Semi	R1, R3	Semiconductor Resistor	2
321Q120Q	330	Res Semi	R2, R23	Semiconductor Resistor	2
321Q120Q	100	Res Semi	R4, R5, R6	Semiconductor Resistor	3
321Q120Q	160	Res Semi	R24	Semiconductor Resistor	1
AXIAL-0.4	120	Res Semi	R25, R28	Semiconductor Resistor	2
AXIAL-0.4	15	Res Semi	R26	Semiconductor Resistor	1
321Q120Q	80	Res Semi	R27	Semiconductor Resistor	1
AXIAL-0.4	47	Res Semi	R29	Semiconductor Resistor	1
321Q120Q	10	Res Semi	R30, R34	Semiconductor Resistor	2
321Q120Q	120	Res Semi	R31, R32, R33, R35	Semiconductor Resistor	4
DIP1	SW-PB	SW-PB	S1	Switch	1
VOG20_N	XCF04SVOG20 C	XCF04SVOG20 C	U1	XCF00S Series, Platform Flash 16Kbit System Programmable Configuration Memory, 3V PROM, 20-Pin TSOP, PbFree, 4-Megabit, Commercial Grade	1
PQG208_N	XC3S400- 4PQG208C	XC3S400- 4PQG208C	U2	Spartan3 1.2V FPGA, 141 User I/Os, 208- pin PQFP, Standard Performance, Commercial Grade, PbFree	1
1-03	MC7805K	MC7805K	U3	3-Terminal Positive Fixed Voltage Regulator	1
369A-13	kd1084	MC7805K	U4, U5	3-Terminal Positive Fixed Voltage Regulator	2
369A-13	NJM2391	MC7805K	U6	3-Terminal Positive Fixed Voltage Regulator	1
DW020_L	74AC245SC	74AC245SC	U7	Octal Bidirectional Transceiver with 3-State Input/Output	1
SOT223	L1117	MC7805K	U8	3-Terminal Positive Fixed Voltage Regulator	1

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Approved	Notes