

Bill of Materials

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Source Data From: PCB_Project1.PrjPCB
Project: PCB_Project1.PrjPCB
Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
0805	100PF	Cap	C1, C12, C18, C19, C20, C21, C22	Capacitor	7
0805	22UF	Cap Pol2	C2	Polarized Capacitor (Axial)	1
0805		Cap, Cap Pol1,	C3, C4, C5, C6, C13, C14, C15, C16, R9,	Capacitor, Polarized Capacitor (Radial),	17
		Res2, Res3	R10, R11, R12, R13, R14, R15, R19, R20	Resistor	
RB1/2		Cap Pol1	C7	Polarized Capacitor (Radial)	1
0805	15PF	Cap	C8, C9	Capacitor	2
0805	20PF	Cap	C10, C11	Capacitor	2
DIODE_T		Diode 1N4007	D1	1 Amp General Purpose Rectifier	1
LED0805		LED2	LED2, LED3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	2
HDR1X10		Header 3	P1	Header, 3-Pin	1
SIP2_5.08		Header 2	P2	Header, 2-Pin	1
HDR1X4		Header 4	P3, P4	Header, 4-Pin	2
HDR1X7		Header 7	P5	Header, 7-Pin	1
HDR1X6		Header 6	P6	Header, 6-Pin	1
HDR1X2		Header 2	P7	Header, 2-Pin	1
PMOS	9014	NPN	Q1, Q3, Q5	NPN Transistor	3
PMOS	3415	PMOS-2	Q2	P-Channel Power MOSFET	1
IRF9540NS	3415	PMOS-2	Q4	P-Channel Power MOSFET	1
0805	10K	Res3	R1, R2, R3	Resistor	3
0805	100k	RES2	R6, R7, R16, R17		4
0805	1k	RES2	R8, R18, R21		3
0805	200	RES2	R22		1
ANJIAN		SW-PB	S2, S3, S4, S5	Switch	4
QUAD48_ZB	STM32F103C8T6	STM32F103C8	U1		1
MKCC1101		Header 8	U2, U6	Header, 8-Pin	2
SOT223	1117-3.3	Volt Reg	U4	Voltage Regulator	1
LM317_ZJ	LM317	Volt Reg	VR	Voltage Regulator	1
BCY-	32768	XTAL	Y1	Crystal Oscillator	1
W2/D3.1					
RAD0.2	8MHz	XTAL	Y2	Crystal Oscillator	1
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Approved	Notes