

Designator	PLACE	Description	LibRef	PACKAGE	VALUE	PART#	Quantity	EXACT	VALID
C1		Capacitor 1206 100nF 100V	C_100_100V_1206	1206	100nF		1		
C2, C3		Capacitor 0603 4.7uF 10V	C_4700_10V_0603	0603	4.7uF		2		
C4		Capacitor 0603 100nF 50V	C_100_50V_0603	0603	100nF		1		
D1		TVS Diode 16V 400W DO-214AC	TVS UD 16V 400W	DO-214AC	16V	SMAJ16A	1		
D2		Schottky Rectifier, 60 V, 0.5 A, Single, SOD-123	D SC 60V 0.5A SOD123	SOD123	60V 0.5A	STPS0560Z	1		
Q2		MOSFET-N 60V 1.2A SOT23	Q MOS-N 60V 1.2A	SOT23-3	60V 1.2A	IRLML2060TRPBF	1		
R2, R3, R4		Resistor 0603 10k 1/10W	R_10000_0603	0603	10k		3		
U1		Variable Reluctance Sensor Interfaces with Differential Input and Adaptive Peak Threshold	MAX9924	10 uMAX	MAX9924	MAX9924UAUB	1		
U2		LDO 5.0V 400mA SOT223	LDO LM2937IMP-5.0	SOT23-6	LM2937IMP-5.0	LM2937IMP-5.0/NOPB	1		
R1	NL	Resistor 1206 1k 1/4W	R_1000_1206	1206	1k		1		
R5, R7	NL	Resistor 0603 10k 1/10W	R_10000_0603	0603	10k		2		
R6	NL	Resistor 0603 0R 1/10W	R_0_0603	0603	0R		1		