





L1



C5



C3



P1



R1



Q1



C2



R2



M1



C4



C1









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Comment	Description	Designator	Footprint	LibRef	Quantity
1000p	Cap Ceramic 1uF 16V X7R 10% Radial 5mm 125°C Bulk	C1	Capacitor-2,5	Capaciitor	1
4.7p	Capacitor Ceramic 4.7pF 50V COG 0.25pF 2.5mm T/R	C2	Capacitor-2,5	Capaciitor	1
10p	CAP CER 10PF 50V COG RADIAL	C3	Capacitor-2,5	Capaciitor	1
100n		C4	Capacitor-2,5	Capaciitor	1
1p		C5	Capacitor-2,5	Capaciitor	1
380n	FIXED IND 380NH 2.5A 25.5 MOHM	L1	Inductor1	Inductor	1
Mic		M1	Mic	Mic	1
Header 2	Header, 2-Pin	P1	HDR1X2	Header 2	1
BC547B	ON SEMICONDUCTOR - BC547B - Bipolar (BJT) Single Transistor, General Purpose, NPN, 45 V, 300 MHz, 500 mW, 100 mA, 110 hFE	Q1	Transistor	Transistor	1
4.7k	Res Metal Film 4.7K Ohm 2% 0.25W(1/4W) ±100ppm/C 0.01% Epoxy AXL Bulk	R1	Resistor	Resistor	1
270 Om	Res Carbon Film 270 Ohm 5% 0.125W(1/8W) - 400ppm/C to 0ppm/C Conformal Coated AXL T/R	R2	Resistor	Resistor	1