









Comment	Description	Designator	Footprint	LibRef	Quantity
Ceramic capacitor, 0.1µF, X7R, ±10%, 16V, 0805, - 55...+125°C		C1	CAP: 0805	Ceramic_0805	1
Part Number: 35TZV330M10X10.5	No Description Available	C2, C3	CAP_J-V_10X10P00	35TZV330M10X10.5	2
2x1	Board-To-Board Connector, Straight, AMPMODU Mod II Series, Through Hole, Header, 2, 2.54 mm	In, Out, Vcc	2x1 SMD	2x1	3
Resistor film, 10K, ±5%, 0805, 0.125W, - 55...+125°C		R1, R7, R8, R12	RES: 0805	Resistor_0805	4
Resistor film, 15K, ±5%, 0805, 0.125W, - 55...+125°C		R2, R11	RES: 0805	Resistor_0805	2
Resistor film, 130K, ±5%, 0805, 0.125W, - 55...+125°C		R4	RES: 0805	Resistor_0805	1
Resistor film, 33, ±5%, 0805, 0.125W, - 55...+125°C		R9, R10	RES: 0805	Resistor_0805	2
LM311DR	Differential Comparator With Strobes	U1	D8	LM311DR	1
NPN transistor, 45V, 100mA, 100MHz, 300mW, 0.6V, 420, SOT-23, -55...+125°C		VT1, VT3	SOT23	BJT_NPN_132	2
PNP transistor, 45V, 100mA, 100MHz, 300mW, 0.65V, 220, SOT-23, -55...+125°C		VT2	SOT23	BJT_PNP_123	1