

ID	Designator	Footprint	QTY	Designation
1	C19,C20,C18,C8,C9,C7,C5,C10,C6	C_0402_1005Metric_Pad0.74x0.62mm_HandSolder	9	47pF/25v
2	C1,C11,C3,C4	C_0402_1005Metric_Pad0.74x0.62mm_HandSolder	4	0.1uF/25v
3	C16,C15,C17	C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	3	0.47uF/25v
4	C12,C13,C14	C_1206_3216Metric_Pad1.33x1.80mm_HandSolder	3	10uF/25v
5	C2	C_1210_3225Metric_Pad1.33x2.70mm_HandSolder	1	1uF/63V
6	C21,C23,C22,C24,C25	C_Radial_D6.3mm_H7.0mm_P2.50mm	5	C
7	D1	D_SMA	1	D
8	D4,D7,D5,D8,D9,D10,D11,D12,D6,D3,D2	D_SOD-323_HandSoldering	11	1N4148W
9	D14,D13,D15,D16	LED_0603_1608Metric_Pad1.05x0.95mm_HandSolder	4	LED
10	J2	PinHeader_1x02_P2.54mm_Vertical	1	Conn_01x02
11	J5,J4,J1	PinHeader_1x03_P2.54mm_Vertical	3	Conn_01x03
12	R32,R33,R34,R30,R9,R29,R31,R22,R15,R27,R21, R28,R16,R41,R6,R7,R43,R44,R5,R4	R_0402_1005Metric_Pad0.72x0.64mm_HandSolder	20	2.2k
13	R13,R11,R12,R18,R19,R24,R26,R20,R14,R17,R23, R25	R_0402_1005Metric_Pad0.72x0.64mm_HandSolder	12	51R
14	R10	R_0402_1005Metric_Pad0.72x0.64mm_HandSolder	1	270E
15	R1,R42,R38,R40,R39,R3	R_0402_1005Metric_Pad0.72x0.64mm_HandSolder	6	24k
16	R2,R35,R37,R36	R_0402_1005Metric_Pad0.72x0.64mm_HandSolder	4	1k
17	R8	R_1210_3225Metric_Pad1.30x2.65mm_HandSolder	1	27E
18	RSENS2,RSENS3,RSENS1	R_2512_6332Metric_Pad1.40x3.35mm_HandSolder	3	0.003
19	U4,U5,U6	SOIC-8_3.9x4.9mm_P1.27mm	3	DGD2103MS8-13
20	U1	SOT-223-3_TabPin2	1	LM317_SOT-223
21	phB1,phA1,phC1	TestPoint_Pad_4.0x4.0mm	3	TestPoint
22	PWR2,PWR1	TestPoint_THTPad_3.0x3.0mm_Drill1.5mm	2	TestPoint
23	U2	TO-252-2	1	LM78M05_TO252
24	Q3,Q4,Q5,Q6,Q2,Q1	TO-252-2	6	MOSFET
25	U3	XMC1302T028X0032ABXUMA1	1	XMC1302T028X0032