





Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0805, NP0, 10pF, 16V	C1	WCAP- CSGP_0805_H=0.6mm _Reflow	885012007010	1
NM	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0805, NP0, 10pF, 16V	C2, C4	WCAP- CSGP_0805_H=0.6mm _Reflow	885012007010	2
4.7uF	WCAP-CSGP Multilayer Ceramic Chip Capacitor, General Purpose, size 0805, NP0, 10pF, 16V	C3	WCAP- CSGP_0805_H=0.6mm _Reflow	885012007010	1
Red, 2V, 140°	WL-SMCD Mono- color Chip LED Diffused, SMT, size 0603, Red, 2V, 140°	D1	WL-SMCD_0603	150060RS55040	1
3V3/0.5W	DIODE ZENER 22V 500MW SOD80C	DZ1, DZ2	SOD80	SOD80_zener	2
613003143121	WR-PHD Socket Header, THT, Angled, pitch 2.54mm, 1 Row, 3P	J1	613003143121	613003143121	1
61300411121	WR-PHD Pin Header, THT, Vertical, pitch 2.54mm, 1 Row, 4P	P1, P3	61300411121	61300411121	2
100K	SMD Resistor	R1, R6, R7, R9	SM/R_1206	SMRes	4
0R	SMD Resistor	R2, R3, R12, R13	SM/R_1206	SMRes	4
1K	SMD Resistor	R4, R14, R16	SM/R_1206	SMRes	3
NM	SMD Resistor	R5, R10, R15	SM/R_1206	SMRes	3
220R	SMD Resistor	R8	SM/R_1206	SMRes	1
9K	SMD Resistor	R11	SM/R_1206	SMRes	1
65R	SMD Resistor	R17	SM/R_0805	SMRes	1
LM2904D	Low-Power Dual Voltage Comparator	U1, U2	SO8_N	LM2903D	2
TL431AIL3T	STMICROELECTRONIC S - TL431AIL3T - Voltage Reference, AEC-Q100, Shunt - Adjustable, 2.5V to 36V, 1 % Ref, SOT-23- 3	U6	SOT23-3_N	TL431AIL3T	1