

Comment	Designator	Footprint	LCSC Part # (optional)
Samsung - CL05A105KA5NQNC - 25V 1uF X5R ±10%	C1	CAP_0402	C52923
Samsung - CL05B104KO5NNNC - 16V 100nF X7R ±10%	C2, C3, C6, C7, C8, C10, C11, C13	CAP_0402	C1525
FH - 0402CG470J500NT - 50V 47pF C0G ±5%	C4, C5	CAP_0402	C1567
Samsung - CL21A106KAYNNNE - 25V 10UF X5R ±10%	C9	CAP_0805	C15850
Samsung - CL21A476MQYNNNE - 6.3V 47UF X5R ±20%	C12	CAP_0805	C16780
Extended - Nexperia - PMEG4020EP,115 - 40V 490mV@2A 2A (SBD)	D1	SOD-128	C456125
Extended - BOURNS - MF-NSMF050-2 - 13.2V 1A 1206 PTC	F1	PTC_1206	C75464
Everlight Elec - 19-217/BHC-ZL1M2RY/3T - Blue 465~475nm 0603 (LED)	LED1	LED_0603	C72041
Everlight Elec - 19-213/Y2C-CQ2R2L/3T(CY) - Yellow 585.5~591.5nm 0603 (LED)	LED2	LED_0603	C72038
CJ - S8050 J3Y - Transistors NPN 500mA 25V	Q1, Q2	SOT-23-3	C2146
UNI-ROYAL - 0402WGF1202TCE - 12kΩ ±1% 1/16W	R1, R2, R9, R12, R13, R14	RES_0402	C25752
UNI-ROYAL - 0402WGF5101TCE - 5.1kΩ ±1% 1/16W	R3, R6	RES_0402	C25905
UNI-ROYAL - 0402WGF220JTCE - 22Ω ±1% 1/16W	R4, R5	RES_0402	C25092
UNI-ROYAL - 0402WGF2201TCE - 2.2kΩ ±1% 1/16W	R7, R8	RES_0402	C25879
UNI-ROYAL - 0402WGF4702TCE - 47kΩ ±1% 1/16W	R10	RES_0402	C25792
UNI-ROYAL - 0402WGF2402TCE - 24kΩ ±1% 1/16W	R11	RES_0402	C25769
Extended - Korean Hroparts Elec - K2-1808UN-A4SW-04 - SPST 50mA @ 12VDC	SW1	SMD-4_3.25x2.5x4.2P	C145878
Extended - Korean Hroparts Elec - K2-1808GN-A4SW-04 - SPST 50mA @ 12VDC	SW2	SMD-4_3.25x2.5x4.2P	C283535
Extended - Murata - LXES15AAA1-153 - Diodes - ESD 0402	TZ1	TVS_0402	C86141
SILICON LABS - CP2102-GMR - Transceiver 1Mbps USB 1/1	U2	QFN-28_EP_5.0x5.0x0.5P	C6568
Extended - Korean Hroparts Elec - TYPE-C-31-M-12 - USB - Type C Female	USB1	TYPE-C-31_L8.94_W7.3	C165948