

Comment	Description	Designator	Footprint	LibRef	Quantity	Manufacturer Part Number	Value	Tolerance	Voltage Rating
C1408X7R1A225K80 AC	MultiLayer Ceramic Capacitor, 2.2uF, 10 V, ±10%, X7R, 0603 [1608 Metric]	C1C	C0603-IPC_C_No_SilK	2.2uF_10V		C1408X7R1A225K80AC	2.2uF	10%	10V
K0M15AR701040M	Cap Cer 0.1uF 6.3V X7R 0603	C1E, C2E	C0603-IPC_C_No_SilK	100nF_6.3V		K0M15AR701040M	100nF		
TC1A1A476M8R	Surface Mount Tantalum Capacitor, 47uF, 10 V, ±20%, 55°C, 125 °C, 1206 [3216 12 Metric]	C1L	CAP POL 1206_3216-MFG	47uF_10V		TC1A1A476M8R	47uF	20%	10V
CL10A475K90NNNC	MultiLayer Ceramic Capacitor, 4.7uF, 10 V, ±10%, X5R, 0603 [1608 Metric]	C2C	C0603-IPC_C_No_SilK	4.7uF_10V		CL10A475K90NNNC	4.7uF	10%	10V
GRM188R61A22M4E15D	MultiLayer Ceramic Capacitor, 22uF, 10 V, ±20%, X5R, 0603 [1608 Metric]	C2L	C0603-IPC_C_No_SilK	22uF_10V		GRM188R61A22M4E15D	22uF	20%	10V
C0603C104K8RACTU	MultiLayer Ceramic Capacitor, 0.1uF, 10 V, ±10%, X7R, 0603 [1608 Metric]	C3L	C0603-IPC_C_No_SilK	100nF_10V		C0603C104K8RACTU	100nF	10%	10V
T491A476M006AT	47uF Solid MnO2 Tantalum Electrolytic Capacitor, 6.3V dc -r/ 20%, 1491 Series	C4L	CAP POL 1206_3216-MFG	47uF_6.3V		T491A476M006AT	47uF		
GRM188R6022M4EAD0B	MultiLayer Ceramic Capacitor, 22uF, 6.3 V, ±20%, X5R, 0603 [1608 Metric]	C5L, C6L	C0603-IPC_C_No_SilK	22uF_6.3V		GRM188R6022M4EAD0B	22uF	20%	6.3V
YELLOW	LED 0603 YELLOW SMD	O1L	LED_0603_YELLOW	LED_0603_YELLOW	1				
F0603	1-amp PPTC SMD 0603	F1P	R0603-IPC_C	BLISE_PPTC_0603	1		500mA		
3.2 mm		H1H, H2H, H3H, H4H	MountingHole_3.2mm_ML_Pad_Via_Mnt_A	MountingHole_Pad_3.2mm	4		3.2 mm		
ESP8266 ESP-12 F	ESP8266 ESP-12 F	U01E	ESP8266 ESP-12 Large	ESP8266 ESP-12 F	1				
2.54 Pitch		J1C	USB_Front_Pannel_2x05_P2.54mm_Horizontal_Right	USB_Front_Pannel_2x05_P2.54mm	1				
2X05		J1F	Front_Pannel_2x05_P2.54mm_Horizontal_Left	Front_Pannel_2x05_P2.54mm	1				
2X04		J1B	PinHeader_2x04_P2.54mm_Vertical	ac_2X04_P2.54mm	1				
1x06		J1U	PinHeader_1x06_P2.54mm_Vertical_No_3_P	UART_1X06_P2.54mm	1				
2.54 Pitch		J2C	USB_Front_Pannel_2x05_P2.54mm_Horizontal_Left	USB_Front_Pannel_2x05_P2.54mm	1				
2X05		J2F	Front_Pannel_2x05_P2.54mm_Horizontal_Left	Front_Pannel_2x05_P2.54mm	1				
1x04		J2B	PinHeader_1x04_P2.54mm_Vertical	PinHeader 1x04	1				
217175-0001	Connector USB Type-C Female SPlacements 0.5mm Right Angle SMT Embossed T/R - Tape and Reel	J3C	USB Type-C-6-Pin-SMT	USB Type-C-6-Pin-SMT	1				
W52812B_3535	4 PIN SMART LED W52812 BODY 3.5MM 4.3.5MM	LED1K	W52812B_Min_3535	W52812B_3535	1				
B5513BH4327	Single-N Channel 60 V 3.5 Ohm 1 nC 3PIMDS* Small Signal Mosfet - SOT-23	Q1M, Q2M, Q3M, Q4M	SOT-23-3-IPC_C	B5513BH4327	4	B5513BH4327			
PL981140P2	PL981140P2	C2P, C2P	067x2020M4D-MFG	PL981140P2		PL981140P2			
CRCW06035K10FKEA	SMD Chip Resistor, 5.1kOhm, ±1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1C, R2C	R0603-MFG	5.1K		CRCW06035K10FKEA	5.1kR	1%	75V
RC0603FR-0710KL	SMD Chip Resistor, 10 kOhm, ±1%, 100mW, 0603 [1608 Metric], Thick Film, General Purpose	R1E, R1L, R2E, R3E, R4E, R4M, R5E, R5M, R6M, R7M, R8M	R0603-MFG	10K	11	RC0603FR-0710KL	10kR	1%	75V
RC0603FR-070KCL	SMD Chip Resistor, 2.2kOhm, ±1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1L, R2L	R0603-MFG	2.2K	2	RC0603FR-070KCL	2.2kR	1%	50V
RC0603FR-101KL	SMD Chip Resistor, 1 kOhm, ±1%, 100mW, 0603 [1608 Metric], Thick Film, General Purpose	R1K, R4K	R0603-MFG	1K	2	RC0603FR-101KL	1kR	1%	50V
AC0603FR-07100RL	SMD Chip Resistor, 100 Ohm, ±1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1M, R2M, R3K, R3M, R8M	R0603-MFG	100R		AC0603FR-07100RL	100R	1%	50V
AC0603FR-07100KL	SMD Chip Resistor, 100 kOhm, ±1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1P	R0603-MFG	100K		AC0603FR-07100KL	100kR	1%	50V
MCR03EZFX1691	Surface Mount Thick Film Chip Resistor 0603 Case 1.6W 0 Ohms 1% Tolerance 100kPPM	R2L	R0603-MFG	1.6kR	1	MCR03EZFX1691	1.6kR	1%	
AC0603FR-074K7L	SMD Chip Resistor, 4.7kOhm, ±1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R3B	R0603-MFG	4.7K	1	AC0603FR-074K7L	4.7kR	1%	50V
18R-30KX7330ZV	Res Thick Film 0603 33K Ohm 1% 0.1W(1/10W) ±100ppm/°C Pad Automotive T/R	R3L	R0603-MFG	33K	1	18R-30KX7330ZV	33kR	1%	75V
S0603-FX-20020LF	SMD Chip Resistor, 20 kOhm, ±1%, 100mW, 0603 [1608 Metric], Thick Film, General Purpose	R4L	R0603-MFG	20K		S0603-FX-20020LF	20kR	1%	50V
MCR03EZFX2491	Res Thick Film 0603 2.49K Ohm 1% 1/10W ±100ppm/°C Molded SMD SMD Paper T/R	R5L	R0603-MFG	2.49K	1	MCR03EZFX2491	2.49kR	1%	
EVP-AWEDA	0.9N / 0.150MST	SW1K, SW2K	PANASONIC EVPAW	EVP-AWEDA	2				
SGM2019 ADI1N55Z/TB	ISO I/O Reg Aq 0.3A 6072LS	U1L	TSOT-23-5-IPC-A	SGM2019-ADI1N55Z/TB		SGM2019-ADI1N55Z/TB			
MM4212VST1G	MM4212VST1G Zener Diode, 12V 2% 200 mW SMT 2-Pin SC40-323 (ON Semiconductor MM4212VST1G	ZD1P	SOD-323	MM4212VST1G	1	MM4212VST1G		2%	