

Comment	Description	Designator	Footprint	LibRef	Quantity	Manufacturer Part Number	Value	Tolerance	Voltage Rating
KGM15AR70J104KM	Cap Cer 0.1uF 6.3V X7R 0603	C1I, C1R, C3U	C0603-IPC_C_No_Silk	100nF_6.3V	3	KGM15AR70J104KM	100nF		
C1608XSRIA106K080 AC	Multilayer Ceramic Capacitor, 10 uF, 10 V, ± 10%, XSR, 0603 [1608 Metric]	C1L	C0603-IPC_C_No_Silk	10uF_10V	1	C1608XSRIA106K080AC	10uF	10%	10V
C0603C104K8RACTU	Multilayer Ceramic Capacitor, 0.1 uF, 10 V, ± 10%, X7R, 0603 [1608 Metric]	C1P, C1U, C2L, C2U, C4I	C0603-IPC_C_No_Silk	100nF_10V	5	C0603C104K8RACTU	100nF	10%	10V
06036A102KAT2A	Cap Ceramic 0.001uF 6.3V COG 10% SMD 0603 125°C Paper T/R	C2I	C0603-IPC_C_No_Silk	1nF_6.3V	1	06036A102KAT2A	1nF	10%	6.3V
C0603C105K8PACTU	Ceramic Capacitor, Multilayer, Ceramic, 10V, 10% +Tol, 10% - Tol, XSR, 15% TC, 1uF, 0603	C2R, C5I	C0603-IPC_C_No_Silk	1uF_10V	2	C0603C105K8PACTU	1uF	10%	10V
CC0603KRX7R6BB102	Cap Ceramic 0.001uF 10V X7R 10% SMD 0603 125°C Paper T/R	C3I	C0603-IPC_C_No_Silk	1nF_10V	1	CC0603KRX7R6BB102	1nF	10%	10V
CL10A106KQ8NNNC	Multilayer Ceramic Capacitor, 10 uF, 6.3 V, ± 10%, XSR, 0603 [1608 Metric]	C3L	C0603-IPC_C_No_Silk	10uF_6.3V	1	CL10A106KQ8NNNC	10uF	10%	6.3V
CL10A475KP8NNNC	Multilayer Ceramic Capacitor, 4.7 uF, 10 V, ± 10%, XSR, 0603 [1608 Metric]	C4U	C0603-IPC_C_No_Silk	4.7uF_10V	1	CL10A475KP8NNNC	4.7uF	10%	10V
YELLOW	LED 0603 YELLOW SMD	D1L	LED_0603_YELLOW	LED_0603_YELLOW	1				
CDSOT23-SRV05-4	TVS DIODE 5V 15V SOT23-6	D1U	SOT23-6-IPC_C	SRV05-4	1	CDSOT23-SRV05-4			
F0603	Fuse PPTC SMD 0603	F1P	R0603-MFG	FUSE_PPTC_0603	1		250mA		
USB4105-GF-A-060	USB Connector Type C-SMT 16 Pin (Power pins joints = 12 pins)	J1C	USB-Type-C-16-Pin- SMT	USB-Type-C-16-Pin- SMT	1	USB4105-GF-A-060			
2X09		J2C	PinHeader_2x09_P2.5 4mm_Vertical	PinHeader 2X09 DU	1				
2X06		J3C	PinHeader_2x06_P2.5 4mm_Vertical	UART_2x06_P2.54mm V2	1				
PMPB14XPZ	PMPB14XPZ	Q1P	DFN2020MD-MFG	PMPB14XPZ	1	PMPB14XPZ			
SS8050-G	Trans Gp Bjt NPN 25V 1.5A 300MW 3-PIN SOT-23 T/r	Q1R, Q2R	SOT-23-3-MFG	SS8050-G	2	SS8050-G			
MCR03EZPFX1691	Surface Mount Thick Film Chip Resistor 0603 Case 1.69K Ohms 1% Tolerance 100 PPM	R0L	R0603-MFG	1.69K	1	MCR03EZPFX1691	1.69kR	1%	
CRCW06035K10FKEA	SMD Chip Resistor, 5.1 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1C, R2C	R0603-MFG	5.1K	2	CRCW06035K10FKEA	5.1kR	1%	75V
ERJ-3EKF3302V	Res Thick Film 0603 33k Ohm 1% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R1L	R0603-MFG	33K	1	ERJ-3EKF3302V	33kR	1%	75V
AC0603FR-07100KL	SMD Chip Resistor, 100 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1P	R0603-MFG	100K	1	AC0603FR-07100KL	100kR	1%	50V
RC0603FR-0710KL	SMD Chip Resistor, 10 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1R, R1U, R2R, R2U, R3L, R3R, R4R	R0603-MFG	10K	7	RC0603FR-0710KL	10kR	1%	75V
CR0603-FX-2002ELF	SMD Chip Resistor, 20 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R2L	R0603-MFG	20K	1	CR0603-FX-2002ELF	20kR	1%	50V
MCR03EZPFX2491	Res Thick Film 0603 2.49K Ohm 1% 1/10W ±100ppm/°C Molded SMD SMD Paper 1/R	R4L	R0603-MFG	2.49K	1	MCR03EZPFX2491	2.49kR	1%	
ADUM141D0BRWZ	DGTL ISO 3750VRMS 4CH GP 16SOIC	U1I	SOIC-W-16-IPC_A	ADUM141D0BRWZ	1				
SGM2019- ADJYN5G/TR	LDO U-Reg Adj 0, 3A SOT23-5	U1L	TSOT-23-5-IPC-A	SGM2019- ADJYN5G/TR	1	SGM2019- ADJYN5G/TR			
CP2102N-QFN-28	Single-Chip USB to UART Bridge, 1024 Bytes EEPROM, -40 to 85 degC, 28-pin QFN, Tube	U1U	QFN28_IPC_A	CP2102N-QFN-28	1				
MM3Z12VST1G	MM3Z12VST1G Zener Diode, 12V 2% 200 mW SMT 2-Pin SOD- 323 ON Semiconductor	ZD1P	SOD-323	MM3Z12VST1G	1	MM3Z12VST1G		2%	