

Comment	Description	Designator	Footprint	LibRef	Quantity	Manufacturer Part Number	Value	Tolerance	Voltage Rating
KGM15AR70104KM	Cap Cer 0.1uF 6.3V X7R 0603	C1I, C3U, C4U	C0603-IPC_C_No_Silk	100nF_6.3V	3	KGM15AR70104KM	100nF		
C1608XSR1A106K080 AC	Multilayer Ceramic Capacitor, 10 uF, 10 V, ± 10%, XSR, 0603 [1608 Metric]	C1L	C0603-IPC_C_No_Silk	10uF_10V	1	C1608XSR1A106K080AC	10uF	10%	10V
C0603C104K8RACTU	Multilayer Ceramic Capacitor, 0.1 uF, 10 V, ± 10%, X7R, 0603 [1608 Metric]	C1P, C1U, C2L, C2U, C3P, C4I	C0603-IPC_C_No_Silk	100nF_10V	6	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	C2P	C0603-IPC_C_No_Silk	1uF_10V	1	C0603C105K8PACTU	1uF	10%	10V
C0603K3RX7R6BB102	Cap Ceramic 0.001uF 10V X7R 10% SMD 0603 125°C Paper T/R	C3I	C0603-IPC_C_No_Silk	1nF_10V	1	C0603K3RX7R6BB102	1nF	10%	10V
CL10A106K08NNNC	Multilayer Ceramic Capacitor, 10 uF, 6.3 V, ± 10%, XSR, 0603 [1608 Metric]	C3L	C0603-IPC_C_No_Silk	10uF_6.3V	1	CL10A106K08NNNC	10uF	10%	6.3V
CL10A475KP8NNNC	Multilayer Ceramic Capacitor, 4.7 uF, 10 V, ± 10%, XSR, 0603 [1608 Metric]	C5U	C0603-MFG_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 15W SOT23-6	D1U	SOT23-6-IPC_C	SRV05-4	1	CDSOT23-SRV05-4			
GREEN	LED 0603 GREEN SMD	D2U	LED_0603_GREEN	LED_0603_GREEN	1				
RED	LED 0603 RED SMD	D3U	LED_0603_RED	LED_0603_RED	1				
F0603	Fuse PPTC SMD 0603	F1P, F2P	R0603-MFG	FUSE_PPTC_0603	2		250mA, 100mA		
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			
ZX09		J2C	PinHeader_Zx09_P2.54mm_Vertical	PinHeader_ZX09 DU	1				
ZX04		J3C	PinHeader_Zx04_P2.54mm_Vertical	J2C_ZX04_P2.54mm	1				
PMPB14XPZ	PMPB14XPZ	Q1P, Q2P	DFN2020MD-MFG	PMPB14XPZ	2	PMPB14XPZ			
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%	
CR0603FR-072K2L	SMD Chip Resistor, 5.1 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1C, R2C	R0603-MFG	5.1K	2	CR0603FR-072K2L	5.1kR	1%	75V
RC0603FR-072K2L	SMD Chip Resistor, 2.2 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1I, R2I, R3I, R4I	R0603-MFG	2.2K	4	RC0603FR-072K2L	2.2kR	1%	50V
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, R2P	R0603-MFG	100K	2	AC0603FR-07100KL	100kR	1%	50V
RC0603FR-0710KL	SMD Chip Resistor, 10 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R1U, R2U, R3L	R0603-MFG	10K	3	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 T/R	R4L	R0603-MFG	2.49K	1	MCR03EZPFX2491	2.49kR	1%	
ADUM1252AWA+	Ultra-Low Power, Bidirectional I2C Isolator with Extended VDD, Idle-Bus Hot-Swap and Low VOL	U1I	SOIC-W-8-IPC_A	ADUM1252AWA+	1	ADUM1252AWA+			
SGM2019-ADJYN5G/TR	LDO U-Reg Adj 0, 3A SOT23-5	U1L	TSOT-23-5-IPC-A	SGM2019-ADJYN5G/TR	1	SGM2019-ADJYN5G/TR			
CP2112-F03-GM	IC HID USB-TO-SMBUS BRIDGE 24QFN	U1U	CP2112-IPC_A	CP2112-F03-GM	1	CP2112-F03-GM			
MM3Z12VST1G	MM3Z12VST1G Zener Diode, 12V 2% 200 mW SMT 2-Pin SOD-323 ON Semiconductor	ZD1P, ZD2P	SOD-323	MM3Z12VST1G	2	MM3Z12VST1G		2%	