





Comment	Description Ceramic Canacitor	Designator	Footprint	LibRef	Quantity
GMK107B7104KAHT	Ceramic Capacitor, Multilayer, Ceramic, 35V, 10%+Tol, 10%- Tol, X7R, 15%TC, 0.1uF, Surface Mount,	а	0603(1608)-CAP	CMP-001-00083-1	
GRM31CR71C106KAC7 L	X7R 1206 (3216	C2, C3, C7, C8	1206-RES	CAP-1206-16V-10uF	
KGM21NR71E104KT	Metric) 0.1 µF±10%25V Caramic Capacitor X7R0805 (2012	C4, C9, C10, C11, C12, C13	0805-RES	CAP-0805-25V-100n	
KGM21NR71E104KT	Metric) 0.1 µF±10%25V Ceramic Capacitor X7R0805 (2012	05	CAP-0805	CAP-0805-25V-100n	
EESFK15470P	Metric) 47 µF 25 V Aluminum Bectrolytic Capacitors Radial,	06	FP-FKD-MFG	CAP-RADIALSMD-	
	Can - SMD 2000 Hrs @ 105°C Diode 200 V75A			25V(BIAS) SOHOTTIKY-TH-200V-	
APT60S20BG	Through Hole TO-247 [B] 3.7V(Typ) Clamp lpp	D1	APT60S20BG	75A	
PESD3V3Y1BSFYL	Tvs Diode Surface Mount DSN0603-2 7V Clamp 15A	D2, D6, D6	FP-SOD962-2-CA-MFG	TVS-3V3-4V2	
824021	(8/20µs) Ipp Tvs Diode Surface Mount SOT-23-3 Diode 40 V 2A Surface	D3	824021	TVS-6.1V-7V	
NSR20F40NXT5G	Mount 2-DSN (1.6x0.8), (0603) Green 571nm LED	D4	0603-SchottkyDIODE	SCHOTTKY-0603-40V- 2A	
LTST-C190KGKT	Indication - Discrete 2V 0603 (1608 Metric)	D7, D8, D9	FP-LTST-C190KGKT- MFG	LED-0603-Green_	
MF-USHT050KX-2	Resettable Fuse 30V 500 mA Ih Surface Mount 1210 (3225 Metric), Concave	FI	1210-IND	DCFUSE-2.5A	
NR111E	Integrated Grouit Linear Voltage	IC1	SOIC-8-Thermally- Enhanced	CMP-031-00008-2	
AP2114HA-3.3TRG1	Regulator ICPositive Fixed 1 Output 1A SOT 223-3	IC2	TO-261AA	LDO-6V-3V3	
61300211121	Connector Header Through Hole 2 position 0.100" (2.54mm)	น	HEADER-2-Pin	Header-2-Pin-Male	
PRT-10474	XT60 CONNECTORS FEMALE PAIR	J2	AMASS_XT60PW-M	XT60-F	
SRR1210-121M	120 µH Shielded Drum Core, Wirewound Inductor 2.3 A 170mOhm Max Nonstandard	ប	SRR1210-121M	IND-120uH-2.3A	
NPPC062KFMSRC	12 Position Receptacle Connector 0.100" (2.54mm) Through Hole Gold	PI	NPP0062KPMSRC	BoardToBoard_Top	
RINCF0805BTE500K	500 kChms ±0.1% 0.125W, 1/8WChip Resistor 0805 (2012 Metric) Automotive AEC-Q200 Thin Film	RI	0805-RES	RES-0805-500k	
RO0805FR-0722FIL	22 Ohms ±1% 0.125W, 1/8W Ohip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film	R2	0805-RES	RES-0805-22R	
R00603FR-075K1L	5.1 kOhms ±1%0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	R3	0603-RES	RES-0603-5.1k	
ESR03EZFF1001	1 kChms ±1% 0.25W, 1/4W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200, Pulse Withstanding Thick Film	R4	0603-RES	RES-0603-1k_	
RMCF0805JT12K0	Metric) Automotive AEGQ200 Thick Film	R5	0806-RES	RES-0805-12k	
RT0805BRE079KL	9kOhms±0.1% 0.125W, 1/8WOhip Resistor 0805 (2012 Metric) Thin Film	R6	0805-RES	RES-0805-9k	
ORG0805F3K9	3.9 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Thick Film	R7	0805-RES	RES-0805-3.9k	
LVK12R075DER	75 mChms ±0.5% 0.5W, 1/2W Chip Resistor 1206 (3216 Metric) Anti- Corrosive, Current Sense, Moisture Resistant Thick Film	R8	LVK12R075DER	RES-1206-75m- KELVIN	
ERJ-3BKF2670V	267 Ohms ±1%0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film	R9, R10, R11	0603-RES	RES-0603-267R	
INA181A3IDBVR	Ourrent Sense Amplifier 1 Orcuit Rail-to-Rail SOT-23-6	UI	SOT95P280X145-6N	AMP-100V/V-SOT23-6	