





Comment	Description	Designator	Footprint	LibRef	Quantity
GRM21BR61E106KA73L	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 10uF, X5R, 15%, 10%, 25V	C1, C2, C3, C4, C7	FP-GRM21B-0_15-IPC_C	CMP-2007-03541-2	5
C0805C103K5RACTU		C5, C6	CAPC2013X88X50LL20T25	CMP-2007-00266-1	2
GUVA-S12SD	Uv-a Sensor (240-370) /SMD3528	D2	DIOM3528X20N	CMP-004-00032-1	1
BLM21PG600SN1D	Chip Ferrite Bead, 0805, 60Ω @ 100MHz, 0.02Ω, 25%, 3.5A	FB1, FB2	FP-BLM21-0_2-10_85-e0_5-d-IPC_A	CMP-0686-00616-3	2
S6B-XH-A(LF)(SN)	CONN HEADER/R/A 6POS2.5MM	J1	FP-S6B-XH-A_LF_SN-MFG	CMP-17439-000165-2	1
61300411821		J2	61300411821	CMP-1502-01316-3	1
61301011121		P1	61301011121	CMP-1502-01082-5	1
BSS138	MOSFET N-CH 50V/220MA SOT-23	Q1, Q2	FP-318-08-IPC_B	CMP-07173-000101-1	2
CRCW08050000ZDEA		R1	RESC2013X50X30LL20T20	CMP-2001-04896-1	1
ERJ6BF3301V		R2	RESC2013X70X40ML20T20	CMP-2001-00533-1	1
CRCW06031K00FKEAHP	RES Thick Film, 1kΩ, 1%, 0.33W, 100ppm/°C, 0603	R3	FP-CRCW0603-HPe3-MFG	CMP-2000-02970-2	1
RC0805FR-071KL	Chip Resistor, 1KΩm, +/- 1%, 125mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R5, R11	RESC2013X60X35ML10T20	CMP-2100-03671-1	2
CRCW08054K70JNEA	RES Thick Film, 4.7kΩ, 5%, 0.125W, 200ppm/°C, 0805	R6, R7	FP-CRCW0805-e3-IPC_B	CMP-2001-03967-2	2
CRCW08051K00FKEAHP	RES Thick Film, 1kΩ, 1%, 0.5W, 100ppm/°C, 0805	R8	FP-CRCW0805-HPe3-IPC_A	CMP-02407-004529-1	1
CRCW08055K10FKEA	RES Thick Film, 5.1kΩ, 1%, 0.125W, 100ppm/°C, 0805	R9	FP-CRCW0805-e3-MFG	CMP-2001-04024-2	1
CRCW080510K0JNEA	RES Thick Film, 10kΩ, 5%, 0.125W, 200ppm/°C, 0805	R12, R13, R14, R15, R16, R17	FP-CRCW0805-e3-IPC_C	CMP-2001-04910-2	6
TSL252R	Light-to-Voltage Converter - Fast Response and Low-Noise, S-3	U1	AMS-S-3-4600X2600_V	CMP-0550-00091-2	1
LMV358IDR	IC OPAMP GP 2 CIRCUIT 8SOIC	U2	FP-D0008A-MFG	CMP-04895-000136-1	1
BH1750FMI	Digital 16bit Serial Output Type	U3	TSSOP50P300X75_HS-7N	CMP-010-00026-1	1
TCS34725FN	IC COLOR CONV LIGHT-DGTL 6-DFN	U4	FP-TCS34725FN-MFG	CMP-0550-00051-3	1
LM35DZ/NOPB	Precision Centigrade Temperature Sensor, 3 pin TO-92, Pb-Free	U5	LP0003A	CMP-0066-00030-3	1
ADS1115DGST	16-Bit ADC with Integrated Multiplexer, PGA, Comparator, Oscillator, and Reference, -40 to 125 degC, 10-pin SOP (DGS10), Green (RoHS & no Sb/Br)	U6	TI-DGS10_M	CMP-0003-00378-2	1
AMS1117-3.3	LDO Voltage Regulators 1A, 3.3V	U7	FP-AMS1117-IPC_C	CMP-209535-000001-1	1