





Comment	Description	Designator	Footprint	LibRef	Quantity
3.3U	Cap Ceramic 10uF 25V X7R±10% Radial 2.5mm+125°C Automotive Ammo Pack	C1, C2, C5	FP-RCE3DB-MFG	CMP-06035-005830-1	3
1n	Cap Ceramic 10uF 25V X7R±10% Radial 2.5mm+125°C Automotive Ammo Pack	C3	FP-RCE3DB-MFG	CMP-06035-005830-1	1
470n	Cap Ceramic 10uF 25V X7R±10% Radial 2.5mm+125°C Automotive Ammo Pack	C4	FP-RCE3DB-MFG	CMP-06035-005830-1	1
1U	Cap Ceramic 10uF 25V X7R±10% Radial 2.5mm+125°C Automotive Ammo Pack	C6	FP-RCE3DB-MFG	CMP-06035-005830-1	1
100n	Cap Ceramic 10uF 25V X7R±10% Radial 2.5mm+125°C Automotive Ammo Pack	C7	FP-RCE3DB-MFG	CMP-06035-005830-1	1
1N4001-T	1.0 A Rectifier, 15 pF, 50 V, -65 to 150 degC, 2-Pin DO-41 Plastic, RoHS, Tape and Reel	D1, D2, D3, D4	DIOD-DO-41-P-2_V	CMP-0639-00006-2	4
35RAPC3BH3	CONN JACK STEREO 3.5MM R/A	J1, J4	FP-35RAPC3BH3-MFG	CMP-47983-000003-1	2
08-2511-10	CONN IC DIP SOCKET 8POSTIN	J2, J3, J5	FP-08-2511-10-MFG	CMP-40957-000003-1	3
Solder	Male Header, Pitch 2 mm, 1 x 3 Position, Height 6 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	P2	JST-B3B-PH-K-S-3_V	CMP-2000-05164-1	1
25K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R1, R2, R6, R7, R11, R12	RESA60-630X240	CMP-1659-00075-1	6
5K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R3, R4, R9, R10	RESA60-630X240	CMP-1659-00075-1	4
250	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R5, R8	RESA60-630X240	CMP-1659-00075-1	2
1.5K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R13, R15	RESA60-630X240	CMP-1659-00075-1	2
1K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R14, R17	RESA60-630X240	CMP-1659-00075-1	2
4.7K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R16	RESA60-630X240	CMP-1659-00075-1	1
1M	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R18	RESA60-630X240	CMP-1659-00075-1	1
6.8K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R19	RESA60-630X240	CMP-1659-00075-1	1
100K	Axial Resistor, 1 KOhm, +/- 1%, 250 mW, -55 to 155 degC, 2-Pin THD, RoHS, Bulk	R20, R21	RESA60-630X240	CMP-1659-00075-1	2
FEATHER_M0_BASIC_P ROTO	ATSAMID21G18 Feather M0 Basic Proto series ARM® Cortex®M0+ MCU 32- Bit Embedded Evaluation Board	U1	MODULE_FEATHER_M 0_BASIC_PROTO	CMP-003-000000-1	1
LM741CN/NOPB	Operational Amplifier, 8-pin PDIP, Pb-Free	U2, U3	P0008A	CMP-0055-00162-3	2