



Comment	Description	Designator	Footprint	LibRef	Quantity
PIC18F27Q10T-I/ML	PIC18F27Q10T-I/ML 8-bit PIC MCU, 128 KB, 3615 Bytes, 64 MHz, 1.8 to 5.5V, QFN-28, RoHS	Aadish Lele	FP-C04-105-MFG	CMP-00252-96705243-1	1
22uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 22uF, X5R, 15%, 20%, 6.3V	C1	FP-GRM21B-0_15-MFG	CMP-2007-03385-2	1
10uF	Chip Capacitor, 10 uF, +/- 10%, 10 V, -55 to 85 degC, 1206 (3216 Metric), RoHS, Tape and Reel	C2	CAPC3216X180X55LL20T25	CMP-2000-06345-1	1
0.1uF	CAPCER0.1UF50V X7R0603	C4, C?	FP-C0603C-CF-MFG	CMP-2006-03061-2	4
0.1 uF	CAP, Ceramic, 0.1 uF, 10%, 16 V, 0603, RoHS, Tape and Reel	C5	MURA-0603_H_0.9_M	CMP-2000-05253-1	1
694108402002		J?	694108402002	CMP-1502-00191-2	1
1.2k	Automotive Metal Thin Film Chip Resistor, 0402, 1.2kΩ, 0.1%, 10ppm/°C, 0.0625W, 75V	R1	FP-RG1005-IPC_A	CMP-28537-013188-1	1
2k		R2	RESC1005X40X25ML05T10	CMP-2002-07972-1	1
10k	Chip Resistor, 10 KΩ, +/- 1%, 100 mW, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R3	RESC1609X50X30NL8T20	CMP-1666-00005-4	1
220k		R4	FP-ERA3A-MFG	CMP-2000-00957-2	1
AMS1117-3.3	LDO Voltage Regulators 1A, 3.3V	U?	FP-AMS1117-IPC_C	CMP-209535-000001-1	1
DRV8830DGQR	7-V, 1-A H-bridge motor driver with speed regulation and I2C control	U?	*IC_XTR111AIDGQR	DRV8830DGQR	1