

A

B



C

D

Designator	Comment	Description	Operating Temperature	Quantity	Footprint	Manufacturer	Manufacturer #	Mount
C14	10μF, 0603	10 μF ±10% 16V Ceramic Capacitor X5R 0603 (1608 Metric)	-55°C ~ 85°C	1	CAP0603	KYOCERA AVX	KGM15CR51C106KT	SMD/ SMT
C15	1μF, 0603	1 μF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric)	-55°C ~ 125°C	1	CAP0603	Murata Electronics	GCM188R71C105KA64D	SMD/ SMT
C16	0.1μF, 0402	1 μF ±10% 16V Ceramic Capacitor X7R 0603 (1608 Metric)	-55°C ~ 125°C	1	CAP0402	Murata Electronics	GRM155R71C104KA88D	SMD/ SMT
C17	2.2nF, 0402	2200 pF ±5% 25V Ceramic Capacitor C0G, NP0 0402 (1005 Metric)	-55°C ~ 125°C	1	CAP0402	KEMET	C0402C222J3GACTU	SMD/ SMT
C18	10nF, 0402	10000 pF ±10% 16V Ceramic Capacitor X7R 0402 (1005 Metric)	-55°C ~ 125°C	1	CAP0402	Murata Electronics	GRM155R71C103KA01D	SMD/ SMT
R27, R33	100k, 0402	100 kOhms ±1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Moisture Resistant Thick Film	-55°C ~ 155°C	2	RES0402	YAGEO	RC0402FR-07100KL	SMD/ SMT
R28	160k, 0402	160 kOhms ±1% 0.1W, 1/10W Chip Resistor 0402 (1005 Metric) Automotive AEC-Q200 Thick Film	-55°C ~ 155°C	1	RES0402	YAGEO	CRCW0402160KFKED	SMD/ SMT
R29	13k, 0402	13 kOhms ±1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Moisture Resistant Thick Film	-55°C ~ 155°C	1	RES0402	YAGEO	RC0402FR-1313KL	SMD/ SMT
R30	1k, 0402	1 kOhms ±1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Moisture Resistant Thick Film	-55°C ~ 155°C	1	RES0402	YAGEO	RC0402FR-071KL	SMD/ SMT
R31	100E, 0402	100 Ohms ±1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Moisture Resistant Thick Film	-55°C ~ 155°C	1	RES0402	YAGEO	RC0402FR-07100RL	SMD/ SMT
R32	47k, 0402	47 kOhms ±1% 0.063W, 1/16W Chip Resistor 0402 (1005 Metric) Moisture Resistant Thick Film	-55°C ~ 155°C	1	RES0402	YAGEO	RC0402FR-0747KL	SMD/ SMT
U3	TPS259470ARPWR	2.7-V–23-V, 5.5-A, 28-mΩ True Reverse Current Blocking eFuse with Input Reverse Polarity Protection	-40 to 125	1	VQFN-HR-10_2x2mm_P0.45mm_RPW	Texas Instruments	TPS259470ARPWR	SMD/ SMT