

Designator	Quantity	Manufacturer Part Number	Manufacturer	Description	Footprint	Comment
C1, C4, C7	3	CC0603KRX7R8BB105	Yageo	1µF Multilayer Ceramic Capacitor MLCC 25 V; X7R Dielectric 0603 Surface Mount	C0603	1uF_25V
C3, C5, C9	3	TMK107BJ104KA-T	Taiyo Yuden	100nF Multilayer Ceramic Capacitor MLCC25 V; X7R Dielectric 0603 Surface Mount	C0603	0.1uF_25V
C6, C8, C10, C11	4	CL10A106KP8NNNC	Samsung	Cap Ceramic 10uF 10V X5R 10% Pad SMD 0603 85C T/R	C0603	10uF_10V
D1	1	150060YS75000	Würth Electronics	WURTH ELEKTRONIK - 150060YS75000 - LED, Yellow, SMD, 0603, 30 mA, 2 V, 590 nm	LED0603_Yellow	LED0603_30mA_2 V_YELLOW
R2	1	RC0603FR-0749K9L	Yageo	SMD Chip Resistor, 49.9 kOhm, ± 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	R0603	49.9K
R3, R5, R10, R11, R14	5	RMCF0603FT100K	Stackpole Electronics	RES 100K OHM 1% 1/10W 0603	R0603	100k
R4, R12	2	RC0603FR-07499RL	Yageo	Res Thick Film 0603 499 Ohm 1% 1/10W ±100ppm/°C Molded SMD Paper T/R	R0603	500R
R6, R7	2	ERJ-3EKF3302V	Panasonic	Res Thick Film 0603 33K Ohm 1% 0.1W(1/10W) ±100ppm/C Pad SMD Automotive T/R	R0603	33K
R8, R17	2	CRCW0603-0000Z0EA	Vishay	RES SMD 0 OHM JUMPER 1/10W 0603	R0603	0R
R13	1	ERJ-3EKF1002V	Panasonic	Res Thick Film 0603 10K Ohm 1% 1/10W ±100ppm/°C Molded SMD Punched Carrier T/R	R0603	10k
R15	1	RMCF0603FT1K00	Stackpole Electronics	RES SMD 1K OHM 1% 1/10W 0603	R0603	1K
U1	1	TL084IDR	Texas Instruments	IC OPAMP JFET 3MHZ 14SOIC	SOIC14	TL084IDR
U2	1	INA826AIDR	Texas Instruments	Precision, 200-µA Supply Current, 36-V Supply Instrumentation Amplifier 8-SOIC -40 to 125	SOIC-8_WINBOND	INA826AIDR
U3	1	LM828M5X/NOPB	TI National Semiconductor	Switched Capacitor Voltage Converter 5-SOT-23 -40 to 85	SOT23-5	LM828M5X/NOPB