

Item#	Designator	Qty	Manufacturer	Mfg Part#	Description / Value	Package/Footprint	Type	Notes
1	C2,C3	2	Murata Electronics	GCM188R71C104KA37J	Multilayer Ceramic Capacitors MLCC 0.1 uF 16 VDC 10% X7R	0603	SMD	any compatible part will do as well
2	D2	1	ROHM Semiconductor	SMLD12EN1WT86	Standard LEDs - SMD Grn 140mcd	0603	SMD	any compatible part will do as well
3	R17,R16,R15,R14	4	YAGEO	RC0603FR-07120RL	Thick Film Resistors 120 Ohms 100mW 1%	0603	SMD	any compatible part will do as well
4	R19,R18	2	YAGEO	AC0603FR-07160RL	Thick Film Resistors 160 Ohms 100mW 1%	0603	SMD	any compatible part will do as well
5	R20	1	YAGEO	RC0603JR-103K3L	Thick Film Resistors 3.3 kOhms 100-200mW 5%	0603	SMD	any compatible part will do as well
6	C4,C1	2	Murata Electronics	GRM21BZ7YA475ME15L	Multilayer Ceramic Capacitors MLCC 4.7 uF 35 VDC 20% X7R	0805	SMD	any compatible part will do as well
7	U2	1	Microchip Technology	MIC5205-5.0YM5-TR	LDO Voltage Regulators 5V 150mA	SOT-23-5	SMD	any compatible part will do as well
8	U1	1	Microchip Technology	AVR64DA32-I/RXB	8-bit Microcontrollers - MCU 64 KB 32-pin	QFN-32 5x5mm P0.5mm	SMD	

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1	D2	1	Vishay	SSA33L-E3/61T	Schottky Diodes & Rectifiers 3.0 Amp 30 Volt	SMA	SMD	any compatible part will do as well