

Comment	Description	Designator	Footprint	LibRef	Quantity
GRM155R61H104K E19D	C 0402 100nF 50V X5R	C1, C3, C4, C10, C13	C 0402	C 0402 100nF 50V X5R	5
T491X107K025AT	C 7343 100uF 25V Tantal	C2	C 7343	C 7343 100uF 25V Tantal	1
GRM155R60J106M E44D	C 0402 10uF 6.3V X5R	C5	C 0402	C 0402 10uF 6.3V X5R	1
GRM155R71C104K A88D	C 0402 100nF 16V X7R	C6, C7	C 0402	C 0402 100nF 16V X7R	2
GRM155R61E105K A12D	C 0402 1uF 25V X5R	C8, C11	C 0402	C 0402 1uF 25V X5R	2
GRM188R61C106 MA73D	C 0603 10uF 16V X5R	C9	C 0603	C 0603 10uF 16V X5R	1
GRM188R61A475K E5D	C 0603 4.7uF 10V X5R	C12, C14	C 0603	C 0603 4.7uF 10V X5R	2
RB520CS30L	30V / 0.1A Schottky Diode	D1, D3	NXP SOD882	RB520CS30L	2
ASMT-YTB7-0AA02	LED RGB 50,25,25mA 2.1V 3.1V 3.1V	D2	ASMT-YTB7-0AA02	ASMT-YTB7-0AA02	1
5 Vdc, 2 pF, 2+1 Channel	WE-TVS TVS Diode, High Speed Series, SOT563, 5 Vdc, 2 pF, 2+1 Channel	D4	SOT563_High Speed Series	82400152	1
128x32_I2C_OLED_ADA	OLED 0.91" 128x32 I2C 3V3 5V	DS1	128x32_I2C_OLED_ADA - SMT	128x32_I2C_OLED_ADA	1
620102131822	WR-WTB 2.00mm SMT Male Horizontal Shrouded Header, 2p	J1, J6	620102131822	620102131822	2
SJ1-2533-SMT	2.5mm 3P TRS conn. no switch	J2	SJ1-2533-SMT	SJ1-2533-SMT	1
620104131822	WR-WTB 2.00mm SMT Male Horizontal Shrouded Header, 4p	J3	620104131822	620104131822	1
105017-0001	Molex USB Micro-B Jack	J4	Molex 105017-0001	105017-0001	1
ISP	Atmel ISP 6P Header	J5	PIN HEADER 1X6 TH Pitch 1.27	ISP	1
WE 74279279	EMI suppression bead, 600Ohm @ 100MHz, max @ 180MHz, 0402	L1	WE CBF 0402	WE 74279279	1
CRCW04021K00FK ED	R 0402 1K 63mW	R1, R9, R11, R12	R 0402	R 0402 1K 63mW	4
CRM2512-FX-R200ELF	R 2512 0R2 2W	R2	BOURNS CRM2512	R 2512 0R2 2W	1
CRCW040210K0FK ED	R 0402 10K 63mW	R3, R4, R8, R10	R 0402	R 0402 10K 63mW	4
R 0402 100K	R 0402 100K	R5, R6, R7	R 0402	R 0402 100K	3
CRCW04024K70FK EDHP	R 0402 4.7K 125mW	R13	R 0402	R 0402 4.7K 125mW	1
SKRHABE010	4 direction center push SMD Switch	S1	SKRHABE010	SKRHABE010	1
EVPA0202K	Miniature Switch SPST-NO SMT	S2	Panasonic EVPA0	EVPA0202K	1
PMZB200UNE	30V/1.4A N-Channel MOSFET	T1, T3	DFN1006B-3 (SOT883B)	PMZB200UNE	2
IRFHM9391	P-Channel MOSFET -30V -11A	T2	IRF PQFN 3.3x3.3 B	IRFHM9391	1
NSI45020A	20mA constant current LED driver	T4, T5, T6	ONSEMI SOD123	NSI45020AT1G	3
DRV8801RTY	Integrated H-Bridge 36V 2.8A QFN-16	U1	TI RTY S-PQFN-N16	DRV8801RTY	1
ATmega328P-MU	8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 32-pin MLF, Industrial Grade (-40°C to 85°C)	U2	32M1-A_M	ATmega328P-MU	1
LM2937IMP5.0	Linear regulator 5.0V / 500mA	U3	SOT223-4	LM2937IMP5.0	1
CP2104-F03-GM	Single-Chip USB to UART Bridge, 4 Dig I/O Pins, Internal Oscillator, 1024 Bytes EEPROM, -40 to 85 degC, 24-pin QFN	U4	SLAB-QFN-24-2675x2675TP_M	CP2104-F03-GM	1
PRQV16.00CR1510Y	AVX 16MHz ceramic	Y1	PRQC8.00CR1010V	PRQV16.00CR1510Y	1