



Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Jumper 1	Jumper 1	+1	PAD1	JP 1	1	JP 1
				Capacitor Ceramic, Capacitor Ceramic, Capacitor Cerami		
				Capacitor - non polarized_1, Capacitor - non polarized_1		
				Capacitor - non polarized_1, Capacitor - non polarized_1		
				Capacitor - non polarized_1, Capacitor - non polarized_1		
				Capacitor - non polarized_1, Capacitor - non polarized, (
	[NoValue], [NoValue], [NoValue], Non-polarised capacitor, Non-polarised			CM, Capacitor - non polarized, Capacitor - non polarized		
	capacitor, Non-polarised capacitor, Non-polarised capacitor, Non-polarised capacitor, Non-polarised capacitor, Cap SMD, Non-polarised capacitor, Non-polarised capacitor, Non-polarised capacitor, Non-polarised capacitor, Non-polarised capac		C0603	Capacitor - non polarized, Capacitor - non polarized, Capacitor - non polarized	18	100nF/100V
T00uF/T0V/T49TBT06K02	поп-рованяей сараског, поп-рованяей сараског, поп-рованяей сараског, поп-рованяей сараског, поп-рованяей сарас	. 627	00003	capacitor - non polarized	10	T00uF/T0V/T49TBT0
AT	Tantalum Capacitor, 10 uF, +/- 10%, 20 V, -55 to 125 degC, 2-Pin SMD, RoHS, Tape and Reel	C3	KEMT-T491-B_L	CMP-2000-07191-1	1	K020AT
1uF/100V		C4	C0603	Capacitor Ceramic	1	1uF/100V
10uF/50V		C5	FP-CGA5L-0_3-0_1-MFG	Capacitor Ceramic	1	10uF/50V
100nF/100V	Cap CeramiduF 100V X7R 20% Pad SMD1206+125°C Automotive /R	C6	FP-CGA5L-0_3-0_1-MFG	CMP-08246-001065-1	1	100nF/100V
10uF/100V		C8, C11, C18	C0603	Capacitor Ceramic	3	10uF/100V
100nF/100V/NC	Non-polarised capacitor	C12	C0603	Capacitor - non polarized_1	1	100nF/100V/NC
	Non-polarised capacitor	C17	C0603	Capacitor - non polarized	1	10nF/1%/100V
10pF/100V	Non-polarised capacitor	C21, C24	C0603	Capacitor - non polarized	2	10pF/100V
SS26	Default Diode	D1	DO-214AA	Diode	1	SS26
SMDJ40CA	Default Diode	D2	DO-214AB SMC	Diode	1	SMDJ40CA
BAT54	Schottky Diodes	D3	sot23	BAT54	1	BAT54S/NC
1N4148/NC	Diode 1A	D4	DIOMELF3515N	D1A	1	1N4148/NC
SMAJ15CA	Transient Voltage Suppressor Diode (Bi-Directional)	D5, D6	DIOM5226X262N	Diode TVS Bi-Directional_1	2	SMAJ15CA
JP 1	Jumper 1	GND1, RX1, TX1, VIN1	HEADER_1	JP 1	4	JP 1
Jumper 1 .	Jumper 1	JP1, JP2	HEADER_1	JP 1	2	JP 1
10uH		L1	R1/4W1	L-SMD-1	1	A 178 A 8 A 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ABMM2-8.000MHZ-E2-T	Oscillator 4 pins 1=VC 2=GND 3=OUT 4=+Vs	OSC1	Crystal_Oscillator_Small - 1	Oscillator 1VC 2GND 3OUT 4+Vs	1	ABMM2-8.000MHZ- E2-T
Header 5	Header, 5-Pin	P1	MHDR1X4	Header 5	1	Header 5
19K/NC	Resistor - 1%	R1	R_1206	Resistor - 1%	1	19K/NC
330R/NC	Resistor - 1%	R2	R0603	R0603_100K_1%_0.1W_100PPM	1	330R/NC
1K/NC	Resistor - 1%	R3	R_1206	Resistor - 1%	1	1K/NC
100R	Resistor - 1%	R4, R6	R0603	Resistor - 1%	2	100R
1K	Resistor - 1%	R5, R7	R0603	Resistor - 1%	2	1K
10K	Resistor, Resistor, Resistor - 1%, Resistor - 1%	R8, R17, R18, R19, R21	R0603	Res2, Res2, Resistor - 1%, Resistor - 1%	5	10K
40.2K	Resistor - 1%	R9, R12, R14, R15, R16	R0603	Resistor - 1%	5	40.2K
1.5M	Resistor - 5%	R10	R0603	Resistor - 1%	1	1.5M
0R	Resistor - 1%	R11, R20	R0603	R0603_100K_1%_0.1W_100PPM, Resistor - 1%	2	0R
OR/NC	Resistor - 1%	R13	R0603	R0603_100K_1%_0.1W_100PPM	1	OR/NC
BL2500N		SS1	Micro vibrat ion	BL_600	1	BL2500N
MCP1792T-5002H/CB		U1	MCP1792/3	MCP1792/3	1	MCP1792T-5002H/C
MP8802DJ-3.3/ TAR5SB3	0	U2	SOT23-5	MP8802DJ-3.3	1	MP8802DJ-3.3/ TAR5SB30
ME6219C33M5G 3.3V	Micropower 50mA Ultra Low-Dropout Regulator	U3	SOT95P284X122-5N	LP2980	1	ME6219C33M5G 3.3
ADM101EARMZ	Craft Port Tiny RS-232 Transceiver, 460 kbit/s, Industrial Grade, 10-Pin uSOIC (RM-10), Pb-Free, Tube	U4	ADI-RM-10_L	CMP-0529-00005-2	1	ADM101EARMZ
74HC4024D,653	7-stage binary ripple counter	U5	SO-G14/Z7.45	74HC4024	1	74HC4024D,653
STM32G031C8T6	ARM Cortex-M0 32-bit MCU, 128 KB Flash, 16 KB Internal RAM, 37 I/Os, 48-Pin LQFP, -40 to 85 degC, Tape and Reel	U6	STM-LQFP48_M	STM32G031C8T6	1	STM32G031C8T6
	Dual Operational Amplifier	U7	SOIC127P600X175-8N	Operational Amplifier x2 Type1	1	AD8616ARZ
AD8616ARZ	buar operational 7 triplines					