

Refere Value	Footprint	Description
U2	MIC5205-3.3YM5	Package_TO_SOT_SMD:SOT-23-5 150mA low dropout linear regulator, fixed 3.3V output, SOT-23-5
U1	ATMEGA328P-AU	ATMEGA328P-AU:QFP80P900X900X120-32N
Y1	ABM3-16.000MHz	ABM3-16:XTAL500X320X130N
J2	microSD CARD	MEM2067-02-180-00-A_REVB:GCT_MEM2067-02-180-00-A_REVB
R2	10K	Resistor_SMD:R_0805_2012Metric Resistor
C1	0.1uF	Capacitor_SMD:C_0805_2012Metric Unpolarized capacitor
R3	330	Resistor_SMD:R_0805_2012Metric Resistor
R1	1K	Resistor_SMD:R_0805_2012Metric Resistor
D2	Green LED	LED_SMD:LED_0805_2012Metric Light emitting diode
D1	Blue LED	LED_SMD:LED_0805_2012Metric Light emitting diode
C3	0.1uF	Capacitor_SMD:C_0805_2012Metric Unpolarized capacitor
C2	10uF	Capacitor_SMD:C_0805_2012Metric Polarized capacitor, small US symbol
J4	Conn_01x01	Connector_PinHeader_2.54mm:PinHeader_1x01_P2.54mm_Vertical Generic connector, single row, 01x01
J3	Conn_01x04	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical Generic connector, single row, 01x04
J1	Conn_01x05	Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical Generic connector, single row, 01x05
H1	MountingHole_Pad	MountingHole:MountingHole_2.2mm_M2_Pad_Via Mounting Hole with connection
H2	MountingHole_Pad	MountingHole:MountingHole_2.2mm_M2_Pad_Via Mounting Hole with connection
H3	MountingHole_Pad	MountingHole:MountingHole_2.2mm_M2_Pad_Via Mounting Hole with connection
H4	MountingHole_Pad	MountingHole:MountingHole_2.2mm_M2_Pad_Via Mounting Hole with connection
C5	18pF	Capacitor_SMD:C_0805_2012Metric Unpolarized capacitor
C4	18pF	Capacitor_SMD:C_0805_2012Metric Unpolarized capacitor
C6	0.1uF	Capacitor_SMD:C_0805_2012Metric Unpolarized capacitor