

imu_node

Part	Value	Device	Package
C1	10μF	CAPACITOR_0603	CAPC1608X92N
C2	1μF	CAPACITOR_0603	CAPC1608X92N
C3	10μF	CAPACITOR_0603	CAPC1608X92N
C4	10μF	CAPACITOR_0603	CAPC1608X92N
C5	10μF	CAPACITOR_0603	CAPC1608X92N
C6	10nF	CAPACITOR_0603	CAPC1608X92N
C7	1μF	CAPACITOR_0603	CAPC1608X92N
C8	22pF	CAPACITOR_0603	CAPC1608X92N
C9	22pF	CAPACITOR_0603	CAPC1608X92N
C10	100nF	CAPACITOR_0603	CAPC1608X92N
C11	10μF	CAPACITOR_0603	CAPC1608X92N
C12	22pF	CAPACITOR_0603	CAPC1608X92N
C13	22pF	CAPACITOR_0603	CAPC1608X92N
C14	100nF	CAPACITOR_0603	CAPC1608X92N
C15	100nF	CAPACITOR_0603	CAPC1608X92N
CN1	USB_CON	USBMINIB	USB-MINIB
D1	MBR120	DIODE_SOD-123FL	SOD-123FL
IC1	MCP73831/OT	MCP73831/OT	SOT23-5L
IC2	BN055	1658_BNO055	LGA-28_3.80X5.20/0.5
J1	I2C_Interface	CONN_02	1X02
J2	UART_Interface	CONN_03	1X03
J3	ISP_Interface	CONN_03X2FEMALE	2X3
J4	BAT_CON	CONN_02	1X02
LED1	Power	LEDCHIPLED_0603	CHIPLED_0603
LED2	Charging	LEDCHIPLED_0603	CHIPLED_0603
LED3	USB	LEDCHIPLED_0603	CHIPLED_0603
LED4		LEDCHIPLED_0603	CHIPLED_0603
LED5		LEDCHIPLED_0603	CHIPLED_0603
Q1		MICROBUILDER_MOSFET-P	MICROBUILDER_SOT23-R
R1	470	RESISTOR_0603	RESC1608X55N
R2	470	RESISTOR_0603	RESC1608X55N
R3	470	RESISTOR_0603	RESC1608X55N
R4	470	RESISTOR_0603	RESC1608X55N
R5	470	RESISTOR_0603	RESC1608X55N
R6	22	RESISTOR_0603	RESC1608X55N
R7	22	RESISTOR_0603	RESC1608X55N
R8	100k	RESISTOR_0603	RESC1608X55N
R9	2k	RESISTOR_0603	RESC1608X55N
R10	4k7	RESISTOR_0603	RESC1608X55N
R11	4k7	RESISTOR_0603	RESC1608X55N
R12	4k7	RESISTOR_0603	RESC1608X55N
R13	150	RESISTOR_0603	RESC1608X55N
R14	1k	RESISTOR_0603	RESC1608X55N
R15	10k	RESISTOR_0603	RESC1608X55N
R16	10k	RESISTOR_0603	RESC1608X55N
R17	10k	RESISTOR_0603	RESC1608X55N
R18	10k	RESISTOR_0603	RESC1608X55N
R19	100k	RESISTOR_0603	RESC1608X55N

imu_node

S1	Power	SWITCH-SPDT-SMD-RIGHT-ANGLE	SWITCH_SPST_SMD_A
SW1	Reset	SPST_TACT-KMR2	KMR2
SW2	Bootloader	SPST_TACT-KMR2	KMR2
U\$1	SPX3819_3.3	V_REG_SPX3819-SOT23-5	SOT23-5
U\$2	nRF24L01+	6-PIN-BREAKOUT6-PIN-BREAKOUT	6-PIN-BREAKOUT
U1	32U4	ATMEGA32U4TQFP-44	TQFP44
U2	MAX1704X	MAX1704X	TDFN-8
Y1	32.768kHz	CRYSTAL-32.768KHZSMD-3.2X1.5	CRYSTAL-SMD-3.2X1.5MM
Y4	8MHz	CRYSTAL-8MHZSMD-5X3.2	CRYSTAL-SMD-5X3.2-4PAD