







Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Polarized Capacitor (Radial)	C5_IN, C6_IN, C33_IN, C_PWR	Capacitor1	Cap Pol1	4
100nF	Capacitor	C5_OUT, C6_OUT, C33_OUT, C_GPS, C_IMU1, C_IMU2, C_IMU3, C_LNA_PWR, C_MPU, C_RESET, C_STM32, CMAX485	C_NANO_HOLES	Cap	12
DEBUG	Header, 4-Pin	DEBUG_PORTS	HDR1X4	Header 4	1
Header 10X2	Header, 10-Pin, Dual row	GPS	HDR2x10_2mm	Header 10X2	1
EVENT	Header, 2-Pin	GPS_EVENT	HDR1X2	Header 2	1
EXTRA	Header, 3-Pin	GPS_EXTRA	HDR1X3	Header 3	1
STROBES	Header, 2-Pin	GPS_STROBES	HDR1X2	Header 2	1
USB	Header, 4-Pin	GPS_USB	HDR1X4	Header 4	1
MPU6050		IMU_MPU6050	MPU6050	Component_1	1
L7805ACV	Precision 1A Regulator	L7805	TO220ABN	L7805ACV	1
L7806CV	Positive Voltage Regulator	L7806	TO220ABN	L7806CV	1
LD33V	800mA Low-Dropout Linear Regulator	LD33	T03B	LM1117T-3.3	1
MAX485CPA	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	MAX485	PA8	MAX485CPA	1
Header 3	Header, 3-Pin	MPU_SW	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	NANO_IMU	HDR1X4	Header 4	1
PV	Typical INFRARED GaAs LED	PV_LED	HDR1X2	LED0	1
180	Resistor	PV_R, PWR_R	AXIAL-0.3	Res1	2
PWR	Typical INFRARED GaAs LED	PWR_LED	HDR1X2	LED0	1
Header 2	Header, 2-Pin	PWR_SW, RESET	HDR1X2	Header 2	2
4k7	Resistor	RESET_R	AXIAL-0.3	Res1	1
120	Resistor	RS422_R	AXIAL-0.3	Res1	1
STM32F103C8 Blue Pill		STM32F103C8	STM32F103C8	STM32F103C8	1
TEST1	Header, 4-Pin	TEST_PORT1	HDR1X4	Header 4	1
TEST2	Header, 4-Pin	TEST_PORT2	HDR1X4	Header 4	1