

## VIMANA2 BOM

Qty	Value	Device	Package	Parts	Description
2	M7 1N4007	DIODESOD-323F	SOD-323F	D5, D6	Diode
2	LED	LEDCHIPLD_0805	0805	LED1, LED2	LED1 BLUE, LED2 RED
1	0.1uF	CAP_CERAMIC_0603MP	0603	C27	Ceramic Capacitors
2	100nF	CAP_CERAMIC_0603MP	0603	C8, C9	Ceramic Capacitors
1	10uF	CAP_CERAMIC_0805MP	0805	C26	Ceramic Capacitors
2	10μF	CAP_CERAMIC_0805MP	0805	C1, C6	Ceramic Capacitors
4	1uF	CAP_CERAMIC_0603MP	0603	C5, C7, C10, C24	Ceramic Capacitors
1	10μF	CAP_CERAMIC_0603MP	0603	C11	Ceramic Capacitors
6	3.3K	RESISTOR_0603MP	0603	R3, R4, R5, R19, R20, R22	Resistors
2	4.7K	RESISTOR_0603MP	0603	R11, R12	Resistors
2	470	RESISTOR_0603MP	0603	R2, R6	Resistors
2	47K	RESISTOR_0603MP	0603	R7, R23	Resistors
1	DNP	RESISTOR_0603MP	0603	R1	Resistors
1	ESP12E/F	ESP8266-12EESP12E	ESP8266-ESP12E	U3	ESP8266-12E / 12F
1	LSM6DSLTR	LSM6DSLTR	PQFN50P300X250X86-14N	U4	IMU ACCEL/GYRO I2C/SPI 14LGA
1	N76E003AT20	N76E003AT20	SOP65P640X120-20N	U1	Low Pin Count 8051 Series; 2.4v
2	SI2302DS	SI2302DS	SOT23-3/TO-236AB	Q1, Q2	N-MOSFET
1	TLV70330DBVR	VREG_SOT23-5	SOT23-5	U2	SOT23-5 Fixed Voltage Regulators