



Comment	Description	Designator	Footprint	LibRef	Quantity
	Conn Unshrouded				
4-103327-5	Header HDR 3 POS 2.54mm Solder ST Thru-Hole Carton	BOOT PH, Servo PH	TE_4-103327-5	4-103327-5	2
6.8pF	CAP CER 10000PF 50V 0805	C1, C2	CAPC2012X95N	UMK212SD103KD-T	2
20pF	CAP CER 10000PF 50V 0805	C3, C4	CAPC2012X95N	UMK212SD103KD-T	2
100nF	CAP CER 10000PF 50V 0805	C5, C8, C10, C13, C14, C15, C16, C17, C18, C19, C24	CAPC2012X95N	UMK212SD103KD-T	11
1uF	CAP CER 10000PF 50V 0805		CAPC2012X95N	UMK212SD103KD-T	7
ESQ-126-39-G-D	52 Position Elevated Socket Connector Through Hole	EUTS?	SAMTEC_ESQ-126-39- G-D	ESQ-126-39-G-D	1
5-146256-4	08 MODII HDR DRST B/A .100CL LF	GPIO-ADC2 IN8,9,14,15 PH, LED - I2C1 - I2C3 PH, Power Burn - UART2 PH	TE_5-146256-4	5-146256-4	3
6-146278-0	10 MODII HDR SRST B/A .100CL	Gyro	TE_6-146278-0	6-146278-0	1
CDRH127/LDNP- 470MC	47ÂμH Shielded Inductor 3.25A 78mOhm Max Nonstandard	Inductor	IND_CDRH127/LDNP- 470MC_SUM	CDRH127/LDNP- 470MC	1
BLUE-LED	LED Blue 470nm LED Indication 3.3V	LED1, P LED	RESC3015X65	LTST-C150TBKT	2
RED-LED	LED Blue 470nm LED Indication 3.3V	LED2	RESC3015X65	LTST-C150TBKT	1
GREEN-LED	LED Blue 470nm LED Indication 3.3V	LED3	RESC3015X65	LTST-C150TBKT	1
ORANGE-LED	LED Blue 470nm LED Indication 3.3V	LED4	RESC3015X65	LTST-C150TBKT	1
LM35DZ/NOPB	Temperature Sensor Analog, Local 0°C ~ 100°C 10mV/°C TO- 92-3	LM 35	TO92127P521H735-3	LM35DZ/NOPB	1
MAX471?	MAX471 Voltage And Current Sensor Module Consume Voltage Load Detection Module	MAX471	PCBComponent_1	MAX471?	1
STM32F427VGT7	ARM® Cortex®-M4 STM32F4 Microcontroller IC 32- Bit 180MHz 1MB_1M x 8_FLASH 100-LQFP _14x14_	мси	QFP50P1600X1600X16 0-100N	STM32F427VGT7	1
0		R1, R2, R3, R4, R13, R14	CAPC2012X95N	RESISTOR	6
10K		R5, R23, R24	CAPC2012X95N	RESISTOR	3
22		R9, R10, R11	CAPC2012X95N	RESISTOR	3
100		R25, R26	CAPC2012X95N	RESISTOR	2
330		R?	CAPC2012X95N	RESISTOR	1
MAX488ESA+	1/1 Transceiver Full RS422, RS485 8-SOIC	RS	SOIC127P600X175-8N	MAX488ESA+	1
32.768kHz	32.768kHz ±20ppm Crystal 12.5pF 70 kOhms 2-SMD, No Lead	Y1	XTAL_ECS327-12.5- 34S-TR	ECS327-12.5-34S-TR	1
8MHZ	8MHz ±20ppm Crystal 18pF 140 Ohms 2-SMD, No Lead	Y2	XTAL500X320X130N	ABM3-8.000MHZ-D2Y- T	1