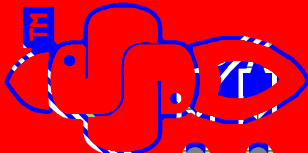


µpython

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Comment	Description	Designator	Footprint	LibRef	Quantity
BOOT0		BOOT0	KEY-4P	KEY	1
Battery	Multicell Battery	BT1	BATTER	Battery	1
10P	Capacitor	C1, C2, C11, C12	C0603	Cap	4
100n	Capacitor	C3, C4, C5, C6, C8, C9, C13, C14, C15, C21	C0603	Cap	10
4u7	Capacitor	C7, C10, C18	C0603	Cap	3
1uf	Capacitor	C16, C17	C0603	Cap	2
2u2	Capacitor	C19, C20	C0603	Cap	2
1uf	Capacitor	C36, C37	C0805tan	Cap	2
PJS008-2000		CN1	TF	SMS016AFA5E	1
LED-RED		D2, D13, PWR	LED0603	LED-RED	3
LED-GREEN		D3	LED0603	LED-GREEN	1
LED-YELLOW		D4	LED0603	LED-YELLOW	1
LED-BLUE		D5	LED0603	LED-BLUE	1
MSE1PJ-M3/89A	High Conductance Fast Diode	D6	SMP	Diode 1N914	1
MF-MSMF050-2 500mA	BLM21	F1	F0805	L	1
USB-mrico		J9	Micro_USB_v2 - duplicate	usb-STM	1
1k	Inductor	L1	L0603	Inductor	1
Header 10	Header, 10-Pin	P1	HDR1X10	Header 10	1
Header 8	Header, 8-Pin	P2, P3, P5	HDR1X8	Header 8	3
Header 6	Header, 6-Pin	P4	HDR1X6	Header 6	1
3HEAD		P10	DC_IN	3HEAD	1
CJ2101	P-Channel MOSFET	Q2	DMP2160UW	MOSFET-P	1
22R	Resistor	R1, R2	R0603	Res1_1	2
4K7	Resistor	R3, R8, R9, R17	R0603	Res1_1	4
560R	Resistor	R4, R5, R6, R7, R10, R16, R23, R41	R0603	Res1_1	8
100k	Resistor	R13, R14, R15, R20, R21	R0603	Res1_1	5
220R	Resistor	R19	R0603	Res1_1	1
10k	Resistor	R42, R43	R0603	Res1_1	2
RST		RST	KEY-4P	KEY	1
Circuit Breaker	Circuit Breaker	SB1, SB2, SB3, SB4, SB6	SB_0603	Circuit Breaker	5
SWD	Header, 4-Pin	SWD1	HDR1X4	Header 4	1
STM32F405RG	STM32F405RG	U1	LQFP64	STM32F405RG	1
ME6215C33M5G		U2	SOT-23-5	RT9167A	1
MMA7660FC		U3	MMA7660xin	MMA7660	1
AMS1117-5.0	800mA and 1A Low Dropout Positive Regulator 2.85V, 3.3V, 5V, and Adjustable	U8	SOT-89	REG1117-3.3	1
RS321BXF	RS321BXF	U10	SOT-23-5	RS321BXF	1
USR		USR	SO	KEY	1
12MHz		Y1	3225	CRYSTAL	1
32.768kHz		Y2	FC-135	XTAL	1