



Comment	Description	Designator	Footprint	LibRef	Quantity
BIT-EDGE-X	BIT is the complete dimension with the edge. BIT-EDGE is only the edge connector of the BIT. BIT-EDGE-X is a simplified pad configuration for the BIT.	BIT1	BIT-EDGE-X	BIT-EDGE-X	1
0402 Cap 10pF	10pF ±10% 16V X7R 0402 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS, 10pF ±0.5pF 50V COG 0402 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C1, C4, C5, C12, C13	C0402	0402 Cap 10pF_1, 0402 Cap 10pF	5
0805 Cap 22uF	22uF ±20% 6.3V X5R 0805 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C2, C3, C10	C0805 L	0805 Cap 22uF	3
0402 Cap 0.1uF	0.1uF ±10% 16V X7R 0402 Multilayer Ceramic Capacitors MLCC - SMD/SMT RoHS	C6, C7, C8, C9, C11	C0402	0402 Cap 0.1uF	5
MSS1P2L-M3/89A	20V 1A 500mV @ 1A MicroSMP(DO-219AD) Schottky Barrier Diodes (SBD) RoHS	D1	MicroSMP	MSS1P2L-M3/89A	1
0603 LED Red	Red 631nm 0603 Light Emitting Diodes (LED) RoHS	D2	0603 LED Red	0603 LED Red 45	1
AZ1117EH-3.3TRG1	Fixed 13V 3.3V 1A SOT-223 Low Dropout Regulators(LDO) RoHS	IC1	SOT223	AZ1117EH-3.3TRG1	1
USB1061-GF-L-A	No Description Available	J1	USB1061-GF-L-A_GCT	USB1061-GF-L-A	1
TL9210AF180Q	E-Switch 6mm Tactile Switch	LDR	Button - TL9210	TL9210AF180Q	1
TH - Pad		MFG	TH - Pad	TH - Pad	1
BrainStorm Edge Pad		PWR	BIT-C-PAD	BrainStorm Edge Pad	1
0402 Res 10K	10K ±1% 1/16W ±100ppm/°C 0402 Chip Resistor - Surface Mount RoHS	R1	R0402	0402 Res 10K	1
0402 Res 2.2k	2.2K ±1% 1/16W ±100ppm/°C 0402 Chip Resistor - Surface Mount RoHS	R2, R3	R0402	0402 Res 2.2k	2
0402 Res 1K	1K ±1% 1/16W ±100ppm/°C 0402 Chip Resistor - Surface Mount RoHS	R4	R0402	0402 Res 1K	1
0402 Res 1M	1M ±1% 1/16W ±100ppm/°C 0402 Chip Resistor - Surface Mount RoHS	R5, R6, R7	R0402	0402 Res 1M	3
MINI_PUSHBUTTON		RESET	MINI_PUSHBUTTON	MINI_PUSHBUTTON	1
TH - Pad		TP_SWC, TP_SWD	1.5mm SMD	TH - Pad	2
STM32F070C6T6	No Description Available	U1	LQFP48-7x7mm	STM32F070C6T6	1
3225 Xtal	3225 Xtal	X1	Crystal 3.2mm x 2.5mm	3225 Xtal	1