
CUSTOM HAPPY GECKO V1.0

BOM

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Part	Value	Footprint	Extra
C1, C6	10 μ F	0805	
C2, C3, C4, C5, C10	100 nF	0805	
C7, C8	10 nF	0805	
C9	1 μ F	0805	X5R
C11, C12	18 pF	0805	
C13, C14	12 pF	0805	
J1	02x04	2,54mm (0,1") pitch	Male header
J2	02x09	2,54mm (0,1") pitch	Male header
J4, J5	02x02	2,54mm (0,1") pitch	Male header
J7	01x02	2,54mm (0,1") pitch	Male header
J9	01x07	2,54mm (0,1") pitch	Male header
J11	01x03	2,54mm (0,1") pitch	Female header
J12	01x02	2,54mm (0,1") pitch	Female header
L1	CBF102WB	0603	Ferrite bead
R1	1 Ω	0805	
R2	10 k Ω	0805	
R3, R4, R6	100 Ω	0805	
R5	1 k Ω	0805	
SW1	SPST_FSMSM	SMD	
U1	EFM32HG322	TQFP-48 7x7mm P0.5mm	
U2	ADXL362 breakout	2x 01x04 female header	2,54mm (0,1") pitch
Y1	32,768 kHz	2012-2Pin 2.0x1.2mm	12,5 pF +- 20 ppm
Y2	24 MHz	5X3.2-4PAD	8 pF +- 20 ppm

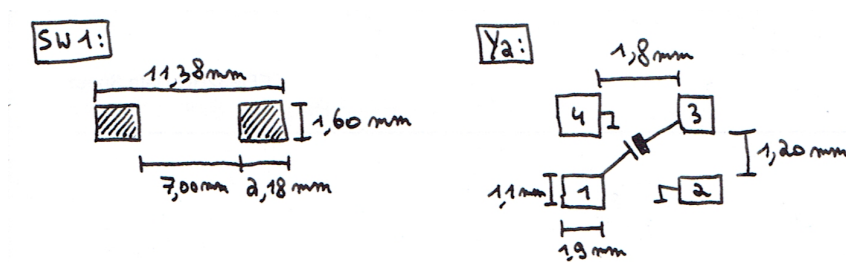


Figure 1: Extra used footprints.