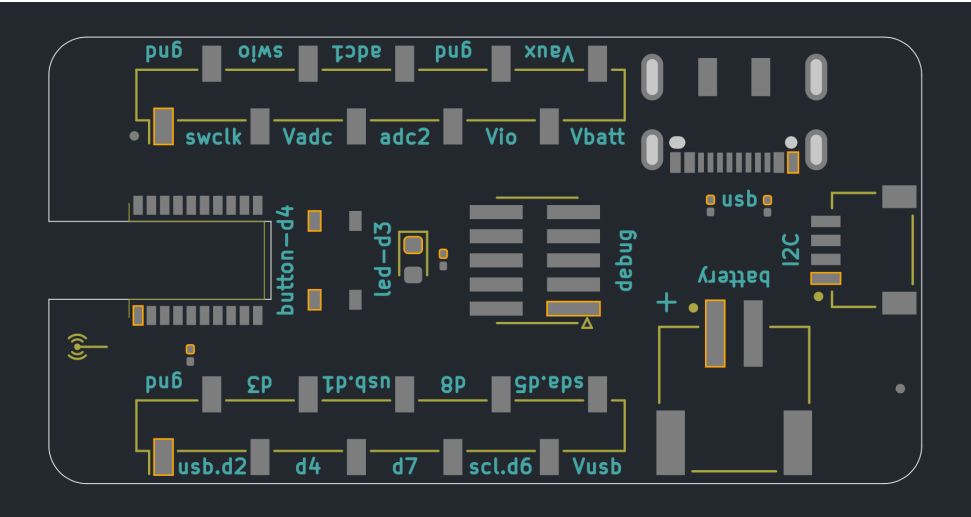


Silicon Witchery S1 Popout Board | **Bill of Materials**

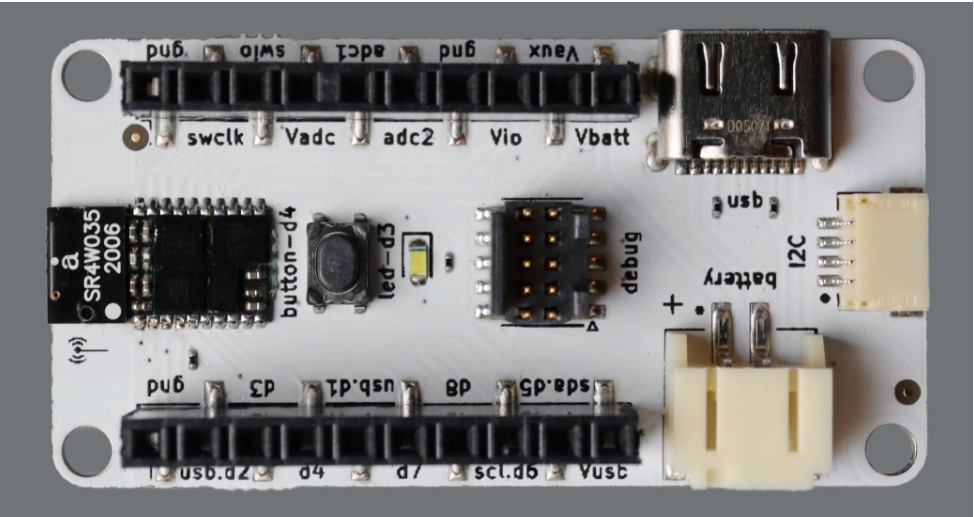
Main BOM - 28 January 2021

Part Name	Part Number	Vendor	Designator	Footprint	Quantity	Primary Supplier	Assembly Notes
White LED	IN-S63AT5UW	Inolux	D1	0603 SMD	1	Mouser: <a href="#">743-IN-S63AT5UW</a>	See <b>Front View</b> image for <b>Pin 1</b> location
USB Type-C Connector	<a href="#">DX07S016JA1R1500</a> (Drawing)	JAE	J1	SMD	1	Mouser: <a href="#">656-DX07S016JA1R1500</a>	-
S1 Module	S1-MOD	Silicon Witchery	J3	SMD	1	Silicon Witchery	See <b>Front View</b> image for <b>Pin 1</b> location
10 Pin 0.1" Female Header	<a href="#">SSM-110-L-SV</a>	Samtec	J2, J4	SMD	2	Mouser: <a href="#">200-SSM110LSV</a>	-
2 Pin Connector	<a href="#">S2B-PH-SM4-TB</a>	JST	J5	SMD	1	Farnell: <a href="#">9492615</a>	-
10 Pin ARM Debug Connector	<a href="#">FTSH-105-01-F-DV-K</a>	Samtec	J6	SMD	1	Digikey: <a href="#">SAM8796-ND</a>	-
4 Pin Connector	<a href="#">SM04B-SRSS-TB(LF)(SN)</a>	JST	J7	SMD	1	Digikey: <a href="#">455-1804-1-ND</a>	-
Film Resistor 5.1k	RC0201FR-075K1L	Yageo	R1, R2, R4	0201 SMD	3	Digikey: <a href="#">YAG2741DKR-ND</a>	-
Film Resistor 47R	RC0201FR-0747RL	Yageo	R3	0201 SMD	1	Digikey: <a href="#">YAG2694DKR-ND</a>	-
SMD Tactile Button	<a href="#">PTS810 SJM 250 SMTR LFS</a>	C&K	SW1	SMD	1	Digikey: <a href="#">CKN10502CT-ND</a>	-
PCB	-	-	-	-	1	-	-
Total Unique Parts	-	-	-	-	10	-	-
Total Parts	-	-	-	-	12	-	-

Front View with Pin 1 highlighted



Reference image



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