Bill of Material for the Beaks (Mutable Instruments Peaks variant)

More information on this Github page: https://github.com/SourceryOne/Beaks

Watch the "Modular in a Week" episode of this module

Watch the build video here:

Supplier partnumbers are for LCSC.com if you use JLCPCB.com to order the pcbs, you can use lcsc and get combined shipping

Name	Designator	Quantity	LCSC Partnr
4n7	C1,C2,C5,C6	4	C249154
150pF	C3,C4	2	C315664
100nF	C7,C11	2	C353909
10u	C8,C9,C10	3	C43351
100nf	C12	1	C353909
Zener 3.6V	D1	1	C2532
1N5817	D2,D3	2	C3062
IN1	IN1 Thonkiconn or similar	1	C381127
IN2	IN2 Thonkiconn or similar	1	C381127
FRONT	J1	1	C35445
FROM LEDS	J2	1	C35445
D1	LED1 depending on color!	1	C85161
D2	LED2 depending on color!	1	C85161
D3	LED3 depending on color!	1	C85161
D4	LED4 depending on color!	1	C85161
D5	LED5 depending on color!	1	C85161
Out1	OUT1,OUT2 Thonkiconn or sim	2	C381127
HDR-IDC-2.54-2:	P1 Power IDC Connector	1	C5665
SWITCHES	P2	1	C49661
support	P3	1	C49661
2N3904	Q1,Q2	2	C118538
1k5	R1,R4,R13,R16	4	C274514
180k	R2,R15	2	C119372
12k	R3,R14	2	C274518
15k	R5,R12	2	C601870
6k8	R6,R11	2	C714012
33k	R7,R10	2	C172550
1k	R8,R9	2	
10k	R17,R23,R24	3	C119347
10k POTS	R18,R19,R20,R21	4	B10K
100k	R22,R25	2	
2k	R26,R27,R28,R29,R30,R31,R3:	7	C58593
SW_Dual	SW1	1	C620311
SW_Mode	SW2	1	C620311
SW_TRIG1	SW3 depending on color!	1	C501573
SW_TRIG2	SW4 depending on color!	1	C501573
BLUEPILL	U1	1	https://s.click.aliexpress.com/e/_DFDps31
78L05T/B	U4	1	C154637
TL074CN	U2	1	C133542
1x20 female hea	1x20 Female header (for STM3:	2	C50984
1x2 female head	1x2 Female header	2	C49661
1x10 female hea	1x10 Female header	2	C35445
1x40 male head	1x40 male header	2	C2337
14 pin DIL socke	14 pin DIL socket for TL074	1	C2325
Spacer	10mm Spacer (optional)	1	C130896
Screw	M3 screw ~5mm (optional)	1	