

DIR DICO BOM PCB v5.1				2024-9-16   11:28:24
Qty	Value	Parts	Description	MOUSER
6	0R	R1, R2, R29, R30, R56, R59, R65	1% 1/4W	
3	100R	R62, R66	1% 1/4W	271-100-RC
6	220R	R71, R73, R74, R86, R88, R89	1% 1/4W	271-220-RC
1	420R	R76	1% 1/4W	
1	450R	R57	1% 1/4W	
1	620R	R77	1% 1/4W	271-620-RC
1	640R	R55	1% 1/4W	
29	1k	R3, R12, R19, R20, R21, R22, R23, R24, R25, R26, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R50, R51, R52	1% 1/4W	271-1K-RC
4	1k2	R48, R49, R54, R64	1% 1/4W	271-1.2K-RC
13	1k8	R4, R5, R6, R7, R8, R9, R13, R14, R15, R16, R17, R18, R58	1% 1/4W	271-1.8K-RC
4	2k2	R67, R68, R78, R82	1% 1/4W	271-2.2K-RC
4	3k3	R70, R81, R83, R85	1% 1/4W	271-3.3K-RC
4	5k6	R47, R53, R63, R72	1% 1/4W	271-5.6K-RC
7	10k	R69, R75, R79, R80, R84, R87, R92	1% 1/4W	271-10K-RC
4	22k	R27, R28, R90, R91	1% 1/4W	271-22K-RC
2	120k	R10, R11	1% 1/4W	271-120K-RC
2	1M	R60, R61	1% 1/4W	
2	10p	C7, C8	CAPACITOR , European symbol	594-K100J15C0GF5TH5
2	22p	C20, C21	CAPACITOR , European symbol	594-K220J10C0GF5UH5
1	500p	C22	CAPACITOR , European symbol	
13	100n	C2, C3, C4, C10, C11, C12, C13, C14, C15, C16, C17, C24, C26	CAPACITOR , European symbol	594-K104K15X7RF5TH5
2	10n	C23, C25	CAPACITOR , European symbol	K103K15X7RF5UH5
2	10u	C18, C19	CAPACITOR , TANTALUM	
4	10u	C1, C5, C6, C9	CAPACITOR , ELECTROLYTIC	667-ECA-1VM100
7	1N914	D1, D2, D3, D4, D5, D14, D15	DIODE	512-1N914
8	TI-6	D6, D7, D8, D9, D10, D11, D12, D13	substitute 1N914	
12	LED-2MA-5MM	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12	Low Current (2mA) LED	
1	LED-2MA-RED-3MM	LED13	Low Current (2mA) LED	749-3HDL-F
1	10k	VR9	TRIMMER 10 TURN	652-3296W-1-103LF
1	10k	VR5	9MM POT	
1	100k	VR6	9MM POT	
7	47k	VR1, VR2, VR3, VR4, VR7, VR8, VR10	TRIMMER	652-3362P-1-473LF
1	2N2646	T6	UNIUNCTION TRANSISTOR	NOS, partco, NOTE TWO DIFFERENT PINOUTS!
10	BC171	T1, T2, T3, T4, T5, T8, T9, T10, T12, T13	NPN, substitute BC547	
2	BC251	T7, T11	PNP, substitute BC557	
1	TL071	IC9	OP AMP	
1	TL072	IC1	OP AMP	
3	CD4051	IC4, IC5, IC6	ANALOG MULTIPLEXER	595-CD4051BE
3	74HC595	IC2, IC3, IC10	SHIFT REGISTER	595-SN74HC595N
1	6N138	IC8	SHARP OPTO COUPLER	
1	ATMEGA644	IC7	8-bit Microcontroller	556-ATMEGA644P-20PU
1	16MHZ	Y1	16MHZ CRYSTAL	449-LFXTAL027945BULK
1	HEADER_MIDI_BREAKOUT-1X4	X1	FEMALE HEADER	
1	HEADER_EURORACK_16	X3	FEMALE HEADER	571-5103309-3
1	HEADER_ISP_10	X2	FEMALE HEADER	571-5103309-1
8	MONO_JACK-3.5MM-	J2, J3, J16, J29, J30, J32, J34, J35		502-35PM1
2	SPDT-MB2411	S1, S2		633-MB2411S1W03
1	SPDT-M2013	S3		633-M201303
24	M2.5 15MM	J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28		534-24425
3	M3 15MM	J1, J31, J33		