## CubuSynth – ENGINE BOM Control-PCB – PCB V1.1 May 2022



Quantity	Name	Indicator	Footprint
Resistors			
1	220R	R206	R AXIAL-0.3
9	1k	R215,R216,R124,R211,R209,R169,R168,R152,R150	R AXIAL-0.3
5	2k2	R79,R80,R210,R208,R207	R_AXIAL-0.3
3	4k7	R131,R133,R99	R_AXIAL-0.3
2	10k	R151,R149	R_AXIAL-0.3
8	20k	R165,R164,R163,R162,R161,R160,R159,R134	R_AXIAL-0.3
2	33k	R148,R76	R_AXIAL-0.3
2	47k	R157,R156	R AXIAL-0.3
10	100k	R42,R39,R38,R32,R14,R11,R10,R9,R41,R13	R_AXIAL-0.3
4	330k	R128,R125,R33,R31	R_AXIAL-0.3
2	3.3M	R40,R12	R_AXIAL-0.3
Capacitors 2	1n	C18,C7	RAD-0.1
ransistor	s / Diodes	1	
12	LED-TH-3mm_White	White Bright LEDs	LED-TH BD3.0 RED
8	LED-TH-3mm_Colored	BLUE, GREEN, ORANGE, PINK, PURPLE, RED, Y-GREEN, YELLOW	LED-TH_BD3.0_RED
ontrols			
5	B100K Potentiometer		ALPHA 9MM VERTICAL POT
40			
10	B100K Tall Trimmer Pot		9MM TALL TRIMMER POT
10 27	B100K Tall Trimmer Pot PJ-301M	PJ301M / PJ-398SM / PJ3001F (Thonkiconn)	
		PJ301M / PJ-398SM / PJ3001F (Thonkiconn)  16mm 2 pole, 4 position Rotary Switch	9MM TALL TRIMMER POT
27	PJ-301M	,	9MM TALL TRIMMER POT PJ-301M
27 2 7	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft)	,	9MM TALL TRIMMER POT PJ-301M
27 2 7	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft)	,	9MM TALL TRIMMER POT PJ-301M
27 2 7	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft)	16mm 2 pole, 4 position Rotary Switch	9MM TALL TRIMMER POT PJ-301M ROTARY_SWITCH_4POS
27 2 7 Pin Heade 2	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft) rs HDR-F-2.54_1x10	16mm 2 pole, 4 position Rotary Switch  H6,H5	9MM TALL TRIMMER POT PJ-301M ROTARY_SWITCH_4POS  HDR-F-2.54_1X10
27 2 7 Pin Heade 2 2 2	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft) rs HDR-F-2.54_1x10 HDR-F-2.54_1x15 HDR-M-2.54_1x6	16mm 2 pole, 4 position Rotary Switch  H6,H5 H2,H1	9MM TALL TRIMMER POT PJ-301M ROTARY_SWITCH_4POS  HDR-F-2.54_1X10 HDR-F-2.54_1X15
27 2 7 Pin Heade 2 2 2	PJ-301M RS16 2P4T SWITCH Knobs (Knurled shaft) rs HDR-F-2.54_1x10 HDR-F-2.54_1x15	16mm 2 pole, 4 position Rotary Switch  H6,H5 H2,H1	9MM TALL TRIMMER POT PJ-301M ROTARY_SWITCH_4POS  HDR-F-2.54_1X10 HDR-F-2.54_1X15