

Qty	Value	Device	Package	Parts	Description	SPICEPREFIX	Column1
2		EVQQ2	EVQ-Q2	SW4, SW5	SMT 6mm switch, EVQQ2 series		
1		M06SIP	1X06	JP1	Header 6		
2		TAC_SWITCHPTH	TACTILE-PTH	SW2, SW3	Momentary Switch		
2	1.0k	R-US_R0603	R0603	R61, R62	RESISTOR, American symbol		
8	100k	R-US_R0603	R0603	R12, R15, R21, R24, R29, R32, R38, R39	RESISTOR, American symbol		
19	100n	C-USC0603	C0603	C3, C5, C8, C14, C15, C16, C17, C18, C23, C25, C26, C29, C30, C32, C34, C38, C39, C45, C46	CAPACITOR, American symbol		
4	10k	R-US_R0603	R0603	R13, R14, R16, R17	RESISTOR, American symbol		
6	10kB	POT_USVERTICAL_PS	ALPS_POT_VERTICAL_PS	R18, R19, R20, R43, R44, R45			
7	10u	CPOL-US8	PANASONIC_B	C28, C31, C33, C35, C36, C37, C41	POLARIZED CAPACITOR, American symbol		
1	10u	CPOL-US8	PANASONIC_B	C49	POLARIZED CAPACITOR, American symbol	C	
1	12.288MHz	CRYSTALHC49UP	HC49UP	Q4	CRYSTAL		
1	180k	R-US_R0603	R0603	R36	RESISTOR, American symbol		
6	18p	C-USC0603	C0603	C6, C7, C40, C42, C47, C48	CAPACITOR, American symbol		
2	1N5819HW	DIODE-SOD123	SOD123	D1, D2	DIODE		
6	1n	C-USC0603	C0603	C9, C10, C11, C20, C21, C22	CAPACITOR, American symbol		
2	1u	C-USC0603	C0603	C12, C50	CAPACITOR, American symbol		
2	2.2k	R-US_R0603	R0603	R40, R41	RESISTOR, American symbol		
2	2.2u	C-USC0805	C0805	C19, C24	CAPACITOR, American symbol		
5	200k	R-US_R0603	R0603	R22, R23, R28, R33, R37	RESISTOR, American symbol		
2	220p	C-USC0603	C0603	C43, C44	CAPACITOR, American symbol		
2	22k	R-US_R0603	R0603	R57, R58	RESISTOR, American symbol		
2	3.3k	R-US_R0603	R0603	R46, R47	RESISTOR, American symbol		
3	33k	R-US_R0603	R0603	R25, R26, R35	RESISTOR, American symbol		
4	39k	R-US_R0603	R0603	R48, R49, R50, R59	RESISTOR, American symbol		
1	4.7	R-US_R1206	R1206	R11	RESISTOR, American symbol		
1	470	R-US_R0603	R0603	R30	RESISTOR, American symbol		
1	47k	R-US_R0603	R0603	R34	RESISTOR, American symbol		
5	47u	CPOL-USD	PANASONIC_D	C1, C2, C4, C13, C27	POLARIZED CAPACITOR, American symbol		
6	5.6k	R-US_R0603	R0603	R51, R52, R53, R54, R55, R56	RESISTOR, American symbol		
1	50kA	ALPHA-9MM-DUALPOT	DUAL_9MM_SNAP-IN_POT	VR1	9mm vertical snap-in pot, Alpha / Panasonic style, with a connection to the metal chassis for groundii		
2	66.5k	R-US_R0603	R0603	R27, R31	RESISTOR, American symbol		
10	68	R-US_R0603	R0603	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RESISTOR, American symbol		
1	74HC595D	74HC595D	SO16	IC1	8-bit SHIFT REGISTER, output latch		
1	8MHz	CRYSTALHC49UP	HC49UP	Q3	CRYSTAL		
4	FIDUCIAL1X2	FIDUCIAL1X2	FIDUCIAL-1X2	F1, F2, F3, F4	Fiducial Alignment Points		
1	LM1117-3.3	REG1117	SOT223	IC7	800mA and 1A Low Dropout (LDO) Positive Regulator		
1	LM1117-3.3	REG1117T	TO252	IC2	800mA and 1A Low Dropout (LDO) Positive Regulator		
1	LM4040B10	LM4041B12DBZ	DBZ_R-PDSO-G3	IC6	PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE		
1	LP40A1PBCT	LP40A1PBCT	LP40A1PBCT	SW1			
1	M05X2MINIUTAG	M05X2MINIUTAG	2X5-1.27	JP2	Header 5x2		
1	M05X2PTH	M05X2PTH	AVR_ICSP	JP3	Header 5x2		
1	MCP6002	TL072D	SO08	IC3	OP AMP		
1	MCP6004	TL074D	SO14	IC4	OP AMP		
2	MMBT3904	MMBT3904LT1-NPN-SOT23-BEC	SOT23-BEC	Q1, Q2	NPN Transistor		
12	PJ301_THONKICONN6	PJ301_THONKICONN6	WQP_PJ_301M6	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12			
1	STM32F405RGT6	STM32F20X	TQFP-10X10-64	IC5			
2	TL072D	TL072D	SO08	IC9, IC10	OP AMP		
1	WM8731	WM8731	SSOP28	IC8			
4	WP59EGW	LED-BICOLOR-THROUGHHOLESMM	LED-BICOLOR-THROUGHHOLE-5MM	LED1, LED2, LED3, LED4			