ColecoVision Pause Mod Kit with Power/Flashing Pause LED
Bill of Materials
v1.0 (13/May/2021) by Ikrananka

Name	Description	Quantity	Manufacturer	Manufacturer Part No.	Digi-Key Part No.	Link
PCB	Printed Circuit Board	1				
SWI	DPST 125-Volt Round Rocker Switch	1	RadioShack	2750015		https://www.radioshack.com/collections/switches/products/dpst-125v-round-rocker-switch?variant=20332090949
SPC	Custom Spacer/Washer (ID=20.5mm : OD=26.5mm : Thick=3mm)	1				https://www.thingiverse.com/thing:3446247
C1	Ceramic Capacitor - 0.1UF 50V X7R RADIAL	1	KEMET Electronics	C320C104K5R5TA7317	399-14036-1-ND	https://www.digikey.ca/en/products/detail/kemet/C320C104K5R5TA7317/6562568
C2,C3	Aluminium Electrolytic Capacitor - 10UF 20% 50V RADIAL	2	Panasonic	ECA-1HHG100I	P19445CT-ND	https://www.digikey.ca/en/products/detail/panasonic-electronic-components/ECA-1HHG100I/6221407
C4	Ceramic Capacitor - 10000PF 100V X7R RADIAL	1	KEMET Electronics	C320C103K1R5TA	399-4260-ND	https://www.digikey.ca/en/products/detail/kemet/C320C103K1R5TA/818036
R1	Metal Film (Mini) Resistor - 510K OHM 1/4W 1% AXIAL	1	Stackpole Electronics	RNMF14FTC510K	S510KCACT-ND	https://www.digikey.ca/en/products/detail/stackpole-electronics-inc/RNMF14FTC510K/2617511
R2	Metal Film (Mini) Resistor - 150 OHM 1/4W 1% AXIAL	1	Stackpole Electronics	RNMF14FTC150R	S150CACT-ND	https://www.digikey.ca/en/products/detail/stackpole-electronics-inc/RNMF14FTC150R/2617812
R3	Single Turn Trimmer - 100K OHM 0.5W PC PIN TOP	1	Nidec Copal Electronics	CT6EP104	CT6EP104-ND	https://www.digikey.ca/en/products/detail/nidec-copal-electronics/CT6EP104/738305
R4	Metal Film (Mini) Resistor - 22K OHM 1/4W 1% AXIAL	1	Stackpole Electronics	RNMF14FTC22K0	S22KCACT-ND	https://www.digikey.ca/en/products/detail/stackpole-electronics-inc/RNMF14FTC22K0/2617471
R5	Metal Film (Mini) Resistor - 330 OHM 1/4W 1% AXIAL	1	Stackpole Electronics	RNMF14FTC330R	S330CACT-ND	https://www.digikey.ca/en/products/detail/stackpole-electronics-inc/RNMF14FTC330R/2617488
U1	Integrated Circuit Analog Switch SPDT - 8-DIP	1	Maxim Integrated	MAX4544CPA+	MAX4544CPA+-ND	https://www.digikey.ca/en/products/detail/maxim-integrated/MAX4544CPA-/1240205
U2	Integrated Circuit Timer 2.1MHz - 8-DIP	1	Texas Instruments	TLC555CP	296-1857-5-ND	https://www.digikey.ca/en/products/detail/texas-instruments/TLC555CP/277502
LED	Red LED - DIFFUSED 5MM ROUND T/H	1	Würth Elektronik	151051RS11000	732-5016-ND	https://www.digikey.ca/en/products/detail/w-rth-elektronik/151051RS11000/4490012
LED_H	LED Holder - PANEL 5MM BLACK NYLON	1	Lumex Opto/Components	SSH-LX5091	67-1332-ND	https://www.digikey.ca/en/products/detail/lumex-opto-components-inc/SSH-LX5091/144810
X1A	Connection Header Right-Angle - 4POS 2.54MM	1	Molex	22-05-3041	WM4302-ND	https://www.digikey.ca/en/products/detail/molex/0022053041/26693
X1B	Connection Housing - 4POS .100 W/RAMP/RIB	1	Molex	22-01-3047	WM2002-ND	https://www.digikey.ca/en/products/detail/molex/0022013047/26435
X1C	Connection Crimp - 22-30AWG TIN	4	Molex	08-50-0114	WM1114-ND	https://www.digikey.ca/en/products/detail/molex/0008500114/26475
X2A	Connection Receptacle - 6POS .062	1	Molex	03-06-1062	23-0003061062-ND	https://www.digikey.ca/en/products/detail/molex/0003061062/61261
X2B	Connection Plug - 6POS .062	1	Molex	03-06-2061	WM1225-ND	https://www.digikey.ca/en/products/detail/molex/0003062061/61220
X2C	Connection Socket Crimp - 18-24AWG TIN	6	Molex	02-06-1103	WM1001-ND	https://www.digikey.ca/en/products/detail/molex/0002061103/26255
X2D	Connection Pin Crimp - 18-24AWG TIN	6	Molex	02-06-2103	WM1000-ND	https://www.digikey.ca/en/products/detail/molex/0002062103/26253
Wire	Hook-up Wire - 22 to 24AWG STRANDED					
	- White	46cm				
	- Gray	49cm				
	- Black	28cm				
	- Red	55cm				
	- Purple	32cm				
	- Orange	10cm				