

CHV 2020 BOM									
Id	Designator	Package	Quantity	Designation	Part Number	Link			
1	U5	SOT-223	1	AP2111H-3.3	AP2111H-3.3TRG1	<a href="https://www.digikey.com/product-detail/en/diodes-incorporated/AP2111H-3-3TRG1/AP2111H-3-3TRG1DICT-ND/4505138">https://www.digikey.com/product-detail/en/diodes-incorporated/AP2111H-3-3TRG1/AP2111H-3-3TRG1DICT-ND/4505138</a>			
2	R17,R16,R8,R2	R_0603	4	1k					
3	R15,R13	R_0603	2	33R					
4	R14,R6	R_0603	2	10k					
5	R12,R11,R10,R7,R5,R4,R3	R_0603	7	6.49k					
6	R9,R1	R_0603	2	100k					
7	C43,C42,C36,C34,C32,C5,C3,C1	C_0603	8	2.2uF					
8	C41,C40,C39,C38,C37,C35,C33,C31,C30,C23,C22,C21,C20,C19,C18,C17,C16,C10,C9,C8,C7,C6,C4,C2	C_0603	24	0.1uF					
9	C29	C_0603	1	0.47uF					
10	C24,C11	C_0603	2	4.7nF					
11	C15,C14,C13,C12	C_0603	4	0.22uF					
12	J3,J1	J1B1211CCD	2	J1B1211CCD	J1B1211CCD	<a href="https://www.digikey.com/product-detail/en/wiznet/J1B1211CCD/1278-1052-ND/7604176">https://www.digikey.com/product-detail/en/wiznet/J1B1211CCD/1278-1052-ND/7604176</a>			
13	BT1	Battery3xAAA	1	Battery	2479	<a href="https://www.digikey.com/product-detail/en/keystone-electronics/2479/36-2479-ND/303824">https://www.digikey.com/product-detail/en/keystone-electronics/2479/36-2479-ND/303824</a>			
14	D6,D17,D16,D15,D14,D13,D12,D11,D10,D9,D8,D7	IN-S124ARUW-LED-REVERSE	12	WHT	IN-S124ARUW	<a href="https://www.digikey.com/product-detail/en/inolux/IN-S124ARUW/1830-1119-1-ND/7604662">https://www.digikey.com/product-detail/en/inolux/IN-S124ARUW/1830-1119-1-ND/7604662</a>			
15	U2	TJA1102	1	TJA1102	TJA1102	<a href="https://www.digikey.com/product-detail/en/TJA1102HN-02/568-13848-1-ND/8445289">https://www.digikey.com/product-detail/en/TJA1102HN-02/568-13848-1-ND/8445289</a>			
16	U4,U3	KSZ8091MNX	2	KSZ8091	KSZ8091MNX	<a href="https://www.digikey.com/product-detail/en/microchip-technology/KSZ8091MNXCA/576-4356-ND/4004807">https://www.digikey.com/product-detail/en/microchip-technology/KSZ8091MNXCA/576-4356-ND/4004807</a>			
17	SW2	PTS647	1	SW_Push	PTS 647 SK38 SMTR2 LFS	<a href="https://www.digikey.com/product-detail/en/c-k/PTS-647-SK38-SMTR2-LFS/PTS647SK38SMTR2LFSCT-ND/9649871">https://www.digikey.com/product-detail/en/c-k/PTS-647-SK38-SMTR2-LFS/PTS647SK38SMTR2LFSCT-ND/9649871</a>			
18	RN4,RN3,RN2,RN1	EXB-2HV101JV-RESISTOR-PACK-8	4	100R	EXB-2HV101JV	<a href="https://www.digikey.com/product-detail/en/panasonic-electronic-components/EXB-2HV101JV/Y1101CT-ND/285369">https://www.digikey.com/product-detail/en/panasonic-electronic-components/EXB-2HV101JV/Y1101CT-ND/285369</a>			
19	D25,D24	LTST-C235KGKRKT-LED-REVERSE-REDGRN	2	LED_Dual_CAAC	LTST-C235KGKRKT	<a href="https://www.digikey.com/product-detail/en/lite-on-inc/LTST-C235KGKRKT/160-2026-1-ND/3711391">https://www.digikey.com/product-detail/en/lite-on-inc/LTST-C235KGKRKT/160-2026-1-ND/3711391</a>			
20	D23,D22,D21,D20,D19,D18	LED-SMD-BottomEntry-OSRAM-LS-T776	6	YEL	LY T776-S1T1-26-Z	<a href="https://www.digikey.com/product-detail/en/osram-opto-semiconductors-inc/LY-T776-S1T1-26-Z/475-2801-1-ND/1938968">https://www.digikey.com/product-detail/en/osram-opto-semiconductors-inc/LY-T776-S1T1-26-Z/475-2801-1-ND/1938968</a>			
21	D5,D4,D3,D2,D1	LTST-C230KGKT-LED-REVERSE	5	GRN	LTST-C230KGKT	<a href="https://www.digikey.com/product-detail/en/lite-on-inc/LTST-C230KGKT/160-1456-1-ND/386854">https://www.digikey.com/product-detail/en/lite-on-inc/LTST-C230KGKT/160-1456-1-ND/386854</a>			
22	X1	DSC6001-OSC	1	25MHz	DSC6001CE1A-025.0000	<a href="https://www.digikey.com/product-detail/en/microchip-technology/DSC6001CE1A-025-0000/DSC6001CE1A-025-0000-ND/7732667">https://www.digikey.com/product-detail/en/microchip-technology/DSC6001CE1A-025-0000/DSC6001CE1A-025-0000-ND/7732667</a>			
23	U1	LPC51U68-LQFP64	1	LPC51U68	LPC51U68JBD64QL	<a href="https://www.digikey.com/products/en?keywords=LPC51U68JBD64">https://www.digikey.com/products/en?keywords=LPC51U68JBD64</a>			
24	SW1	JS102011SAQN	1	SW_SPDT	JS102011SAQN	<a href="https://www.digikey.com/product-detail/en/c-k/JS102011SAQN/401-1999-2-ND/1640095">https://www.digikey.com/product-detail/en/c-k/JS102011SAQN/401-1999-2-ND/1640095</a>			
25	L2,L1	AE2002	2	CMC	AE2002	<a href="https://www.digikey.com/product-detail/en/pulse-electronics-network/AE2002/1840-1044-1-ND/8111229">https://www.digikey.com/product-detail/en/pulse-electronics-network/AE2002/1840-1044-1-ND/8111229</a>			
26	J5	10118192-0002LF	1	USB_B_Micro	10118192-0002LF	<a href="https://www.digikey.com/product-detail/en/amphenol-icc-fci/10118192-0002LF/609-5379-2-ND/6817756">https://www.digikey.com/product-detail/en/amphenol-icc-fci/10118192-0002LF/609-5379-2-ND/6817756</a>			
27	J2		1984989	100BASE-T1	1984989	<a href="https://www.digikey.com/product-detail/en/phoenix-contact/1984989/277-6404-ND/2513979">https://www.digikey.com/product-detail/en/phoenix-contact/1984989/277-6404-ND/2513979</a>			