Main PCB:						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-PL-24	2057-DB25-PL-24-ND	DB25 Male solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-PL-24/9832321 https://www.amazon.com/Hiletgo-ESP-WROOM-32-Development-Microcontroller-Integrated/dp/B071872322/ref=sr 1 1?crid=PFTY2N59IPYA&keywords=Hiletgo+ESP-WROOM-
ESP32		ESP32-DEVKITC-NODEMCU32	1 U1		NodeMCU32 is used which has a slightly smaller footprint than other ESP32 PCBs	324:559236;di=16478930728;sindustrisl&sprefix=hiletgo-esp-wroom 32+esp32%2Cindustrisl&sprefix=hiletgo-esp-wroom 32+esp32%2Cind
LTST-C150TBKT	160-1643-1-ND	Blue LED	1 LED1			https://www.digikey.com/en/products/detail/lite-on-inc/LTST-C150TBKT/388526
ERJ-8ENF84R5V	P84.5FCT-ND	84.5 Ohm Resistor	1 R1			https://www.digikey.com/en/products/detail/panasonic-electronic-components/ERJ-8ENF84R5V/88656
801-43-019-10-001000	ED6350-19-ND	CONN RCPT 19POS 0.1 GOLD PC	2		Optional but recommended, if not using make sure the FW is good before soldering ESP32 to PCB	https://www.digikey.com/en/products/detail/mill-max-manufacturing-corp/801-43-019-10-001000/1212256
3DO:						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24		DB25 Female solder cup	1 X1		1000	https://www.digikey.com/en/products/detail/adam-tech/D825-SL-24/9832422
SN74AHCT125N		74AHCT125N DIP14	2 U1,U2	2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	1		Can Find Different options on Amazon	https://console5.com/store/atari-sega-commodore-coleco-msx-6-1-8m-joystick-controller-project-repair-cable-cord.html
Atari 2600 (PP/OD) Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24		DB25 Female solder cup	1 X1		notes	Link https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	3 U1,U2,	2.113		https://www.jaikev.com/en/products/decunjouwn-neon/outs/ 2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-
		Extension Cable	2	,	Can Find Different options on Amazon	https://console5.com/store/atari-sega-commodore-coleco-msx-6-1-8m-joystick-controller-project-repair-cable-cord.html
Atari 7800						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24 SN74AHCT125N	2057-DB25-SL-24-ND 296-4655-5-ND	DB25 Female solder cup 74AHCT125N DIP14	1 X1 3 U1,U2,	113		https://www.digikey.com/en/products/detail/adam-tech/D825-SL-24/9832422 https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
511/4011C1123N	230-4033-3-IND	Extension Cable	2	.,	Can Find Different options on Amazon	nttps://www.ogueey.com/en/products/oretain/texas-instruments/siv/a4nt.112s/i/3157/ins-project-repair-cable-cord.html
			1 -1	ļ	and the second separate of the second	Internal and a serial and a serial and a serial polyton controlled project report controlled
CD-i						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	2 U1,U2			https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
54-00019	54-00019T-ND	USB-Mini B Extension Cable	1 CNT1			https://www.digikey.com/en/products/detail/tensility-international-corp/54-00019/6056083
	1	Extension Cable				https://console5.com/store/turbo-duo-pc-engine-5-1-5m-joystick-controller-extension-cable-cord-black.html
Dreamcast						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SI-24/9832422
		Extension Cable	4		Can Find Different options on Amazon	https://retro-bit.com/dreamcast-controller-extension-cable.html
Gamecube:						
Part # DB25-SL-24	Digikey Part #	Description DB25 Female solder cup	Qty ID 1 X1		Notes	Link https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
DB23-3L-24	2037-DB23-3L-24-ND	Extension Cable	4		Can Find Different options on Amazon	Intips://www.ugixey.cum/en/pioutxy/uetain/adain/etain/ubi2-3-24/9524/22 https://consels.com/store/gamecube-wite-dension-cable-6-foot-1-8m-game-cube-html
		Extension cable	1 4		Can in a Different options on Amazon	Intips//consideration/store/gameetabe-valvextension-cause-vious-2-on-gameetabe-atom
Genesis/Megadrive						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24		DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	4 U1,U2,			https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	2		Can Find Different options on Amazon	https://console5.com/store/atari-sega-commodore-coleco-msx-6-1-8m-joystick-controller-project-repair-cable-cord.html
Genesis/Megadrive (Multit	tan)					
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	4 U1,U3,	3,U5,U6		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
SN74AHCT126N	296-4659-5-ND	74AHCT126N DIP14	1 U2			https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT126N/13473330
SN74AHCT32N	296-4732-5-ND	74AHCT32N DIP14	1 U4			https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT32N/13438952
		Extension Cable	2		Can Find Different options on Amazon	https://console5.com/store/atari-sega-commodore-coleco-msx-6-1-8m-joystick-controller-project-repair-cable-cord.html
laguar						
Jaguar Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24		DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SI-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	3 U1,U2,	2,U3		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	1			https://www.amazon.com/Tomee-Controller-Extension-not-machine-specific/dp/B07L6FCSR3
N C /144 /2	- (nn (nn)					
NeoGeo/JAMMA/Supergur	n (PP/OD)	Description	Otiv ID		Make	Link
Part # DB25-SL-24	Digikey Part # 2057-DB25-SL-24-ND	Description DB25 Female solder cup	Qty ID		Notes	Link https://www.digikey.com/en/products/detail/adam-tech/D825-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	3 U1,U2,	2,U#		https://www.uigkey.com/en/products/detail/acain-recurrents/Sn74aHCII2SN/375798
		Extension Cable	1			https://www.amazon.com/rome-Controller-Extension-not-machine-specific/dp/B07.6FCSR3
NES/Famicom:						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24		DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/D825-SL-24/9832422
SN74AHCT125N AC1206FR-073K6L	296-4655-5-ND YAG5404CT-ND	74AHCT125N DIP14 3.6K resistors	2 U1,U2 3 R1,R2,	R3	Optional, Only needed if using on PAL System	https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT12SN/375798 https://www.digikey.com/en/products/detail/yageo/AC1206FR-073K6L/S897510
FICELOUI NOT SKUL	17133404C1-14D	Extension Cable	2	,	Can Find Different options on Amazon	INLDS_/ yww.uigkey_cum/en/prouck/outs/vetan/yagev/ALIZOFR-07386L/3697510
1	-1		1	ļ		
Nintendo 64:						
Part #	Digikey Part #	Description	Qty ID		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1 X1			https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
		Extension Cable	4		Can Find Different options on Amazon	https://console5.com/store/n64-nintendo-64-6-controller-extension-cable-tomee.html
DCF-sine/Trut-Confus				1		
PCEngine/TurboGrafx-16: Part #	Digikey Part #	Description	Oty ID		Notes	Link
Part # DB25-SL-24		DB25 Female solder cup	Qty ID 1 X1		NUCCO	
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	2 U1,U2	2		https://www.digikey.com/en/products/detail/adam-tech/D825-SI-24/9832422 https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
RMCF1206FT47K0CT-ND	RMCF1206FT47K0	47K resistors	2 R1,R2			https://www.jaikey.com/erryproducts/declais/stackpole-electronics-inc/RMCF1206F147K0/1759490
		Extension Cable	1		PCE Option	https://console5.com/store/turbo-duo-pc-engine-5-1-5m-joystick-controller-extension-cable-cord-black.html
					TG16 Option	https://console5.com/store/turbografx-turbopad-repair-cable-tg16-turbo-grafx-controller-pad.html
PC-FX						

Part #	Digikey Part #	Description	Qty	ID	Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1	1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	2	U1,U2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	1	l	Uses SNES Pins, But plug needs to be custom made	https://www.amazon.com/2Pack-Controller-Extension-Retro-Bit-Nintendo/dp/B075K4R86R
PSX/PS2:						
Part #	Digikey Part #	Description	Qty	ID	Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup	1	1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
		Extension Cable	2	2	Can Find Different options on Amazon	https://console5.com/store/playstation-1-2-controller-extension-cable-6-ps1-ps2-tomee.html
Saturn:						
Part #	Digikey Part #	Description	Qty		Notes	Link
DB25-SL-24		DB25 Female solder cup		1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	4	U1A,U2A,U3A,U4A		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	2	2		https://console5.com/store/sega-saturn-controller-tinned-wire-repair-cable-6-foot-1-8m.html
				•		
SG1000/SMS (OD/PP)						
Part #	Digikey Part #	Description	Qty		Notes	Link
DB25-SL-24		DB25 Female solder cup		1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	3	U1,U2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	2	2	Can Find Different options on Amazon	https://console5.com/store/atari-sega-commodore-coleco-msx-6-1-8m-joystick-controller-project-repair-cable-cord.html
SNES						
Part #	Digikey Part #		Qty		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup		1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14	3	U1,U2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	1	l .		https://www.amazon.com/2Pack-Controller-Extension-Retro-Bit-Nintendo/dp/B075K4R86R
Virtual Boy:						
Part #		Description	Qty		Notes	Link
DB25-SL-24	2057-DB25-SL-24-ND	DB25 Female solder cup		1 X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
SN74AHCT125N	296-4655-5-ND	74AHCT125N DIP14		U1,U2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
PJ-202B	CP-202B-ND	Barrel jack 5.5mm/2.1mm		CN1		https://www.digikey.com/en/products/detail/cui-devices/PJ-202B/252008
/	/	DPST switch		I S1	Pulled from Stock, Need to find actual P/N	
1N5400RLG	1N5400RLGOSCT-ND	1N5400 diode	1	D1		https://www.digikey.com/en/products/detail/onsemi/1N5400RLG/893867?s=N4IgTCBcDallwDkCsAWADGgSgGQOIHkBIAYQBUBaBAERAF0BfIA
PSAC30U-090L6	993-1344-ND	9V PSU 5.5mm/2.1mm center p	q 1	L .		https://www.digikey.com/en/products/detail/phihong-usa/PSAC30U-090L6/5412496?s=N4IgTCBcDalJxwMwFoCMiAsHkDkAiiAugLSA
	_1	VB Extension Cable	1	L	This is prohibitively expensive, need a different source	https://www.retroonyx.com/product-page/virtual-boy-controller-extension-cable