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
ESP32	ESP32-DEVKITC-NODEMCU32		1	U1	NodeMCU32 is used which has a slightly smaller footprint than other ESP32 PCBs	https://www.amazon.com/HiLetgo-ESP-WROOM-32-Development-Microcontroller-Integrated/dp/B0718T232Z/ref=sr_1_1?crid=PFTY2N59IPYA&keywords=HiLetgo+ESP-WROOM-32+ESP32&qid=1647893072&s=industrial&sprefix=hiletgo+esp-wroom-32+esp32%2Cindustrial%2C141&sr=1-1
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	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
		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	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,U3		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

Atari 7800

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	3	U1,U2,U3		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

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	1	CNT1		https://www.digikey.com/en/products/detail/tensility-international-corp/54-00019/6056083
		Extension Cable	2			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-SL-24/9832422
		Extension Cable	4		Can Find Different options on Amazon	https://retro-bit.com/dreamcast-controller-extension-cable.html

Gamecube:

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/gamecube-wii-extension-cable-6-foot-1-8m-game-cube.html

Genesis/Megadrive

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,U2,U3,U4		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 (Multitap)

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,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

Jaguar

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	3	U1,U2,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/B07L6FC5R3

NeoGeo/JAMMA/Supergun (PP/OD)

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	3	U1,U2,U#		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/B07L6FC5R3

NES/Famicom:

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
AC1206FR-073K6L	YAG5404CT-ND	3.6K resistors	3	R1,R2,R3	Optional, Only needed if using on PAL System	https://www.digikey.com/en/products/detail/yageo/AC1206FR-073K6L/5897510
		Extension Cable	2		Can Find Different options on Amazon	https://console5.com/store/nes-6-ft-extension-cable.html

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

PCEngine/TurboGrafx-16:

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
RMCF1206FT47K0CT-ND	RMCF1206FT47K0	47K resistors	2	R1,R2		https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RMCF1206FT47K0/1759490
		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	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		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	X1		https://www.digikey.com/en/products/detail/adam-tech/DB25-SL-24/9832422
		Extension Cable	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	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	U1A,U2A,U3A,U4A		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	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	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	3	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

SNES

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	3	U1,U2		https://www.digikey.com/en/products/detail/texas-instruments/SN74AHCT125N/375798
		Extension Cable	1			https://www.amazon.com/2Pack-Controller-Extension-Retro-Bit-Nintendo/dp/B075K4R86R

Virtual Boy:

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
PJ-202B	CP-202B-ND	Barrel jack 5.5mm/2.1mm	1	CN1		https://www.digikey.com/en/products/detail/cui-devices/PJ-202B/252008
?	?	DPST switch	1	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=N4IgTCBcDaIIwDkCsAWADGgSgGQOIHkBIAYQBUBaBAERAF0BfIA
PSAC30U-090L6	993-1344-ND	9V PSU 5.5mm/2.1mm center po	1			https://www.digikey.com/en/products/detail/phihong-usa/PSAC30U-090L6/5418496?s=N4IgTCBcDaIJxwMwFoCMiAsHkDkAiIAugL5A
		VB Extension Cable	1		This is prohibitively expensive, need a different source	https://www.retroonyx.com/product-page/virtual-boy-controller-extension-cable