

# USB-GC2 BOM

Reference	Quantity	Description	Manufacturer	Product Number	Link
C1	1	CAP CER 1UF 16V X7R 0603	CL10B105KO8NNNC		<a href="https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10B105KO8NNNC/3886677">https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10B105KO8NNNC/3886677</a>
C2-C4	3	CAP CER 10UF 25V X5R 0603	CL10A106MA8NRNC		<a href="https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10A106MA8NRNC/3887527">https://www.digikey.com/en/products/detail/samsung-electro-mechanics/CL10A106MA8NRNC/3887527</a>
C5	1	CAP ALUM 22UF 20% 25V SMD	865080442004		<a href="https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/865080442004/5728027">https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/865080442004/5728027</a>
D1	1	TVS DIODE 15.3VWM 25.2VC SMB	SZP6SMB18AT3G		<a href="https://www.digikey.com/en/products/detail/littelfuse-inc/SZP6SMB18AT3G/3063434">https://www.digikey.com/en/products/detail/littelfuse-inc/SZP6SMB18AT3G/3063434</a>
J1	1	CONN HEADER VERT 2POS 2MM	B2B-PH-K-S		<a href="https://www.digikey.com/en/products/detail/jst-sales-america-inc/B2B-PH-K-S/926611">https://www.digikey.com/en/products/detail/jst-sales-america-inc/B2B-PH-K-S/926611</a>
J2	1	CONN HEADER VERT 2POS 2.5MM	B2B-XH-A		<a href="https://www.digikey.com/en/products/detail/jst-sales-america-inc/B2B-XH-A/1651045">https://www.digikey.com/en/products/detail/jst-sales-america-inc/B2B-XH-A/1651045</a>
J3	1	CONN RCP USB2.0 TYP C 24P SMD RA	2171800001		<a href="https://www.digikey.com/en/products/detail/molex/2171800001/13913742">https://www.digikey.com/en/products/detail/molex/2171800001/13913742</a>
L1	1	FIXED IND 1UH 4.5A 18.2 MOHM SMD	NRS6045T1R0NMGK		<a href="https://www.digikey.com/en/products/detail/taiyo-yuden/NRS6045T1R0NMGK/2665987">https://www.digikey.com/en/products/detail/taiyo-yuden/NRS6045T1R0NMGK/2665987</a>
R1	1	RES 1K OHM 5% 1/10W 0603	RC0603JR-131KL		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-131KL/13694162">https://www.digikey.com/en/products/detail/yageo/RC0603JR-131KL/13694162</a>
R2	1	RES 1M OHM 5% 1/10W 0603	RC0603JR-071ML		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-071ML/726678">https://www.digikey.com/en/products/detail/yageo/RC0603JR-071ML/726678</a>
R3	1	RES 62K OHM 5% 1/10W 0603	RC0603JR-0762KL		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-0762KL/726818">https://www.digikey.com/en/products/detail/yageo/RC0603JR-0762KL/726818</a>
R4	1	RES 10K OHM 5% 1/10W 0603	RC0603JR-0710KL		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-0710KL/726700">https://www.digikey.com/en/products/detail/yageo/RC0603JR-0710KL/726700</a>
R5	1	RES 24K OHM 5% 1/10W 0603	RC0603JR-0724KL		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-0724KL/726748">https://www.digikey.com/en/products/detail/yageo/RC0603JR-0724KL/726748</a>
R6	1	RES 56K OHM 5% 1/10W 0603	RC0603JR-0756KL		<a href="https://www.digikey.com/en/products/detail/yageo/RC0603JR-0756KL/726808">https://www.digikey.com/en/products/detail/yageo/RC0603JR-0756KL/726808</a>
SW1	1	Nintendo GameCube Power Switch	-		You need to reuse the official one.
SW2	1	SWITCH SLIDE DPDT 300MA 6V	JS202011JCQN		<a href="https://www.digikey.com/en/products/detail/c-k/JS202011JCQN/6137630">https://www.digikey.com/en/products/detail/c-k/JS202011JCQN/6137630</a>
U1	1	USB-C Power Delivery IC	CH224K		<a href="https://www.aliexpress.com/item/1005005284290184.html">https://www.aliexpress.com/item/1005005284290184.html</a>
U2	1	IC REG BUCK ADJ 4A 11VQFN	TPS621351RGXR		<a href="https://www.digikey.com/en/products/detail/texas-instruments/TPS621351RGXR/6217857">https://www.digikey.com/en/products/detail/texas-instruments/TPS621351RGXR/6217857</a>