

Designator	Quantity	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N (Cut Tape)	Supplier P/N (Tape & Reel)	Datasheet Web	Supplier Web
C1	1	0.1uF	0.1 $\mu$ F $\pm$ 10% 100V Ceramic Capacitor X7R 0805 (2012 Metric)	Murata Electronics	GCM21BR72A104KA37L	Digikey	490-4789-1-ND	490-4789-2-ND	<a href="https://search.murata.co.jp/Ceramy/image/img/A01X/G101/ENG/GCM033R71A103KA03-01A.pdf">https://search.murata.co.jp/Ceramy/image/img/A01X/G101/ENG/GCM033R71A103KA03-01A.pdf</a>	<a href="https://www.digikey.com/en/products/detail/murata-electronics/GCM21BR72A104KA37L/1641663?s=N4lgTCBcDaIOIGECyYCMaHAsGdjAQVOA YAWAaTwGzAZEAXOF8g">https://www.digikey.com/en/products/detail/murata-electronics/GCM21BR72A104KA37L/1641663?s=N4lgTCBcDaIOIGECyYCMaHAsGdjAQVOA YAWAaTwGzAZEAXOF8g</a>
C2, C4, C5	3	0.33uF	0.33 $\mu$ F $\pm$ 5% 25V Ceramic Capacitor X7R 0805 (2012 Metric)	KEMET	C0805C334J3RECAUTO7210	Digikey	399-C0805C334J3RECAUTO7210CT-ND	399-C0805C334J3RECAUTO7210TR-ND	<a href="https://content.kemet.com/datasheets/KEM_C1090_X7R_ESD.pdf">https://content.kemet.com/datasheets/KEM_C1090_X7R_ESD.pdf</a>	<a href="https://www.digikey.com/en/products/detail/kemet/C0805C334J3RECAUTO7210/8647991">https://www.digikey.com/en/products/detail/kemet/C0805C334J3RECAUTO7210/8647991</a>
C3	1	0.047uF	0.047 $\mu$ F $\pm$ 5% 25V Ceramic Capacitor X7R 0805 (2012 Metric)	KYOCERA AVX	KGM21NR71E473JT	Digikey	478-KGM21NR71E473JTCT-ND	478-KGM21NR71E473JTTR-ND	<a href="https://datasheets.kyocera-avx.com/KGM_X7R.pdf">https://datasheets.kyocera-avx.com/KGM_X7R.pdf</a>	<a href="https://www.digikey.com/en/products/detail/kyocera-avx/KGM21NR71E473JT/1602247">https://www.digikey.com/en/products/detail/kyocera-avx/KGM21NR71E473JT/1602247</a>
D1	1	Blue Led 0805	Blue 470nm LED Indication - Discrete 3.2V 0805 (2012 Metric)	Würth Elektronik	150080BS75000	Digikey	732-4982-1-ND	732-4982-2-ND	<a href="https://www.well-online.com/components/products/datasheet/150080BS75000.pdf">https://www.well-online.com/components/products/datasheet/150080BS75000.pdf</a>	<a href="https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/150080BS75000/4489912">https://www.digikey.com/en/products/detail/w%C3%BCrth-elektronik/150080BS75000/4489912</a>
J1	1	1x6 0.1" Right Angle Pin Header	Connector Header Through Hole, Right Angle 6 position 0.100" (2.54mm)	Adam Tech	PH1RB-06-UA	Digikey	2057-PH1RB-06-UA-ND	2057-PH1RB-06-UA-ND	<a href="https://app.adamtech.com/products/download/datasheet/201281/ph1rb-xx-ua-datasheet.pdf">https://app.adamtech.com/products/download/datasheet/201281/ph1rb-xx-ua-datasheet.pdf</a>	<a href="https://www.digikey.com/en/products/detail/adamtech/PH1RB-06-UA/9830592">https://www.digikey.com/en/products/detail/adamtech/PH1RB-06-UA/9830592</a>
J2	1	MPT 0.5/ 6-2,54	6 Position Wire to Board Terminal Block Horizontal with Board 0.100" (2.54mm) Through Hole	Phoenix Contact	1725698	Digikey	277-1277-ND	277-1277-ND	<a href="https://www.phoenixcontact.com/en-us/products/printed-circuit-board-terminal-mpt-05-6-254-1725698?type=pdf">https://www.phoenixcontact.com/en-us/products/printed-circuit-board-terminal-mpt-05-6-254-1725698?type=pdf</a>	<a href="https://www.digikey.com/en/products/detail/phoenix-contact/1725698/267466">https://www.digikey.com/en/products/detail/phoenix-contact/1725698/267466</a>
R1	1	180R	180 Ohms $\pm$ 1% 0.25W, 1/4W Chip Resistor 0805 (2012 Metric) Anti-Sulfur Thin Film	Stackpole Electronics Inc	RNCP0805FTD180R	Digikey	RNCP0805FTD180RCT-ND	RNCP0805FTD180RTR-ND	<a href="https://www.select.com/catalog/sei-mcp.pdf">https://www.select.com/catalog/sei-mcp.pdf</a>	<a href="https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RNCP0805FTD180R/2240212">https://www.digikey.com/en/products/detail/stackpole-electronics-inc/RNCP0805FTD180R/2240212</a>
U1	1	2/2 RS232 400kbps	2/2 Transceiver Full RS232 16-SO	STMicroelectronics	ST3232CDR	Digikey	497-3731-1-ND	497-3731-2-ND	<a href="https://www.st.com/content/ccc/resource/technical/document/datasheet/group1/40/2c/7f/62/3a/3f/47/3c/CD00002253/files/CD00002253.pdf/jcr:content/translations/en.CD00002253.pdf">https://www.st.com/content/ccc/resource/technical/document/datasheet/group1/40/2c/7f/62/3a/3f/47/3c/CD00002253/files/CD00002253.pdf/jcr:content/translations/en.CD00002253.pdf</a>	<a href="https://www.digikey.com/en/products/detail/stmicroelectronics/ST3232CDR/686410?s=N4lgTCBcDaIMoBUDMYUGeAIAIEBdAvkA">https://www.digikey.com/en/products/detail/stmicroelectronics/ST3232CDR/686410?s=N4lgTCBcDaIMoBUDMYUGeAIAIEBdAvkA</a>