
Quick Build Guide

Thank you for purchasing the USB 2.0 Micro SD card reader kit. The parts count is very little in this kit so make sure you have all the required components before beginning and place them using the designators on the PCB as a guide. If you have any issues, feel free to contact me via the store message platform. Now that is out of the way, let's get started!

Bill of materials

Comment	Quantity	Designator	Footprint
Connectors			
USB_2.0_TYPE-A	1	J1	Custom
Micro SD Card Connector	1	J2	Custom
Capacitors			
10uF	1	C1	603
22uF	2	C3,C2	603
IC			
GL823K	1	IC1	SOP28
Diode			
RED LED	1	PWR	603
BLUE LED	1	ACT	603
Resistors			
2.2k	3	R1	603
680R	1	R2	603
PCB	1	NA	NA

Passive Components

C1	C3, C2	IC1	PWR	ACT	R1	R2
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