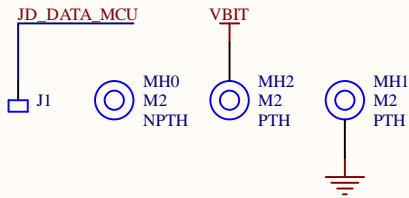
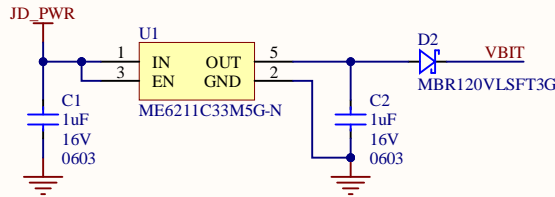


## micro:bit connections

190 mA max current draw from micro:bit V2.



## Power supply



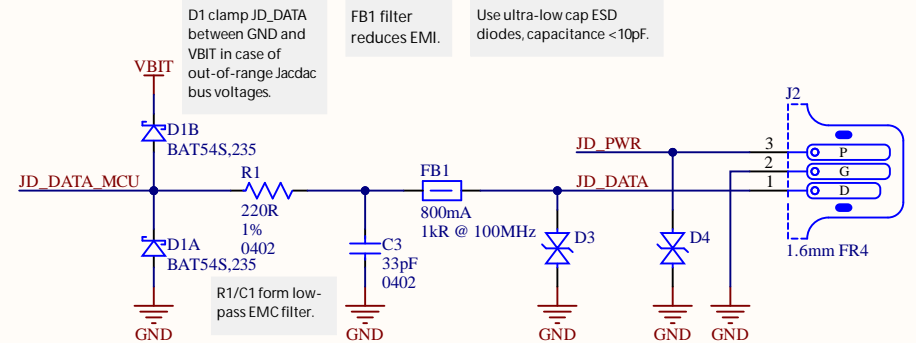
## Jacdac interface

Jacdac (<https://aka.ms/jacdac>) is a new "plug and play" protocol for connecting microcontrollers and peripherals. Its flexible topology, dynamic discovery and power delivery provide a great user experience for makers and students.

Jacdac provides 1Mbps communications and power delivery. JD\_DATA uses 3.3V logic, JD\_PWR is nominally 5V.

Please refer to the Jacdac docs online at <https://aka.ms/jacdac> for the definitive and most up-to-date information.

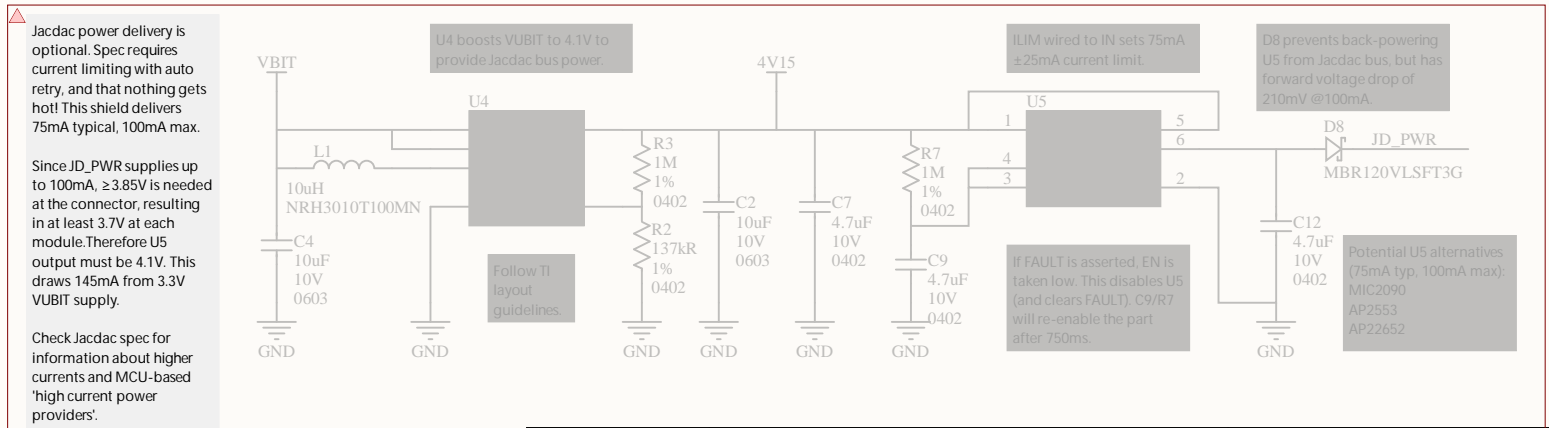
This component is a power consumer.



Key: Silkscreen & layout notes  
Block name  
Design notes

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When this PDF is viewed with Adobe Reader, clicking on components shows part numbers and other details.



PROJECT FILENAME JacdacMicroBitBackPack 94.PrjPCB		PROJECT CODENAME JacdacMicroBitBackPack	Microsoft		PROJECT DESCRIPTION Compact Jacdac adapter for the BBC micro:bit V2		SHEET DESCRIPTION complete design	
SHEET FILENAME JacdacMicroBitBackPack 94.SchDoc		LICENCE Attribution 4.0 International (CC BY 4.0)		LAST MODIFIED 08/04/2022	PAGE 1 OF 2	DRAWN BY Steve Hodges	REVISION 0.1	PCB ID 94-0.1