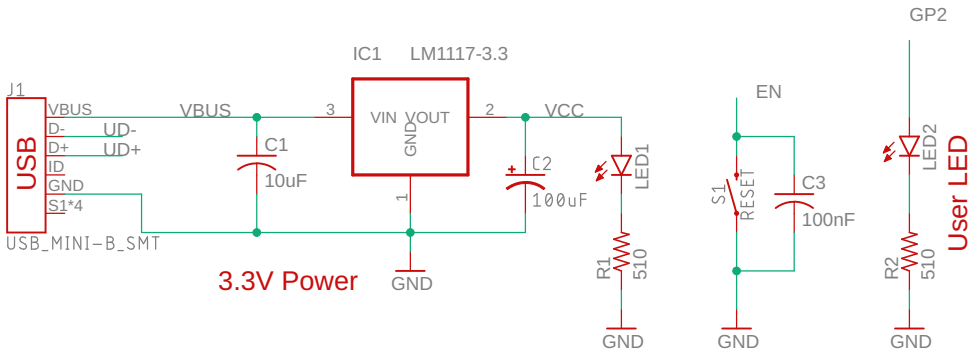
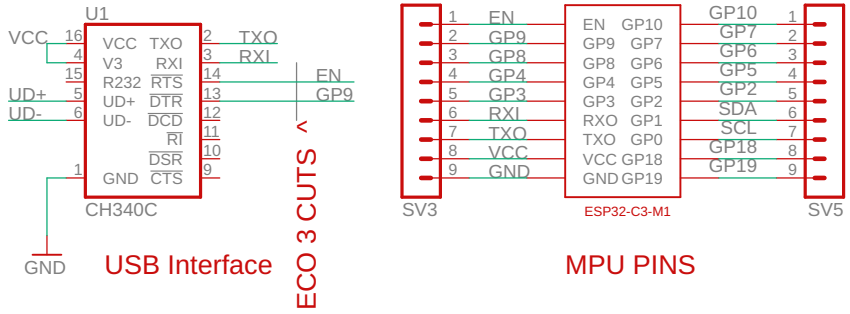
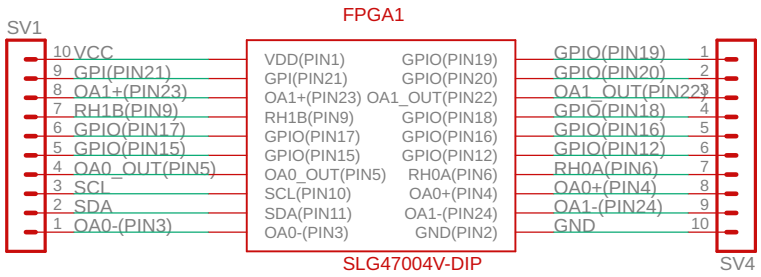
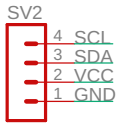




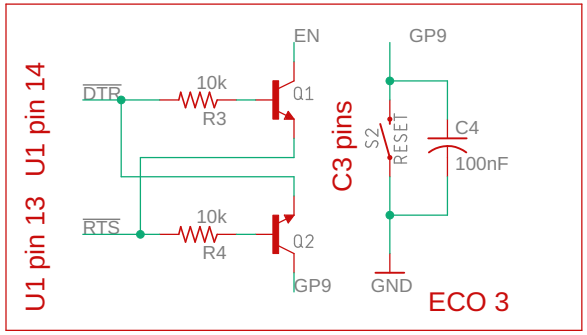


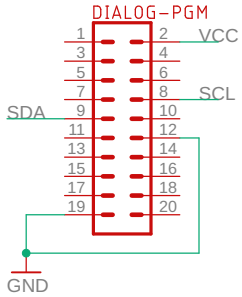


I2C for outboard programming

ECO List

1) Add 100nF cap betwen pins 1 and 16 of U1 (USB chip).
2) Change C3 from 4.7uF to 100nF since there is only a weak pullup in the C3 and 4.7uF would make for a too long return to high state (or at least that's what it seems like.
3) Cut the two traces under U1 that feed the EN and GP9 pins on the C3. Then connect DTR and RTS to EN and GP9 using the transistor circuitry in the box below.
4) Add a second, outboard switch and 100nF cap to pull GP9 to ground as a boot function.





open hardware

TITLE: aardvark-v0.70	Project: Aardvark
Description: TriEmbed Community Project Espressif ESP32-C3-M1(4M) plus Dialog SLG47004V-DIP	
Author, license: Nick Edgington, Pete Soper CC BY-SA 2.0	REV: 0.70
Repo: https://github.com/triembed/aardvark	
Date: 2/11/22 10:41 AM	Sheet: 1/1