

NOTES

NOTE1:
PIN 4 (ID On-The-Go) distinguishes cable ends:
"A" plug (host): connected to GND
"B" plug (device): not connected

NOTE2:
R2 AND R3 ARE 0 OHM RESISTORS THAT CAN BE MOUNTED OR NM (=NOT MOUNTED)

NOTE3:
J1 IS ENABLE PIN
HIGH (2V MIN) = USB DEVICE ON
LOW (0.7V MAX) = USB DEVICE OFF
PIN FROM EXTERNAL CONTROLLER WITH INNER PULL UP CONFIGURATION SHOULD BE USED.
(IT CAN BE EITHER PIN NO 3, 5, 27, 28.)
(FW CHANGE WILL BE NEEDED AS CURRENTLY IT IS HIGH-Z)

MAIN SCHEMATIC

THIS PART IS UNCLEAR

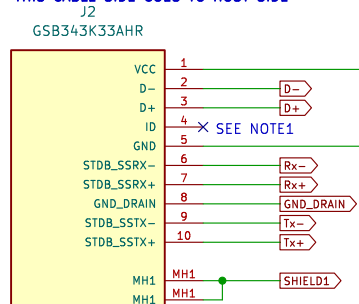
- CONNECT SHIELDS TO EACH OTHER?



- CONNECT SHIELDS TO GND?

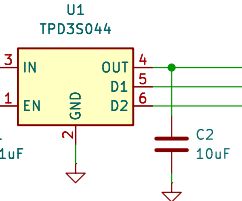


USB MICRO TYPE B 3.0 RECEPTACLE
THIS CABLE SIDE GOES TO HOST SIDE

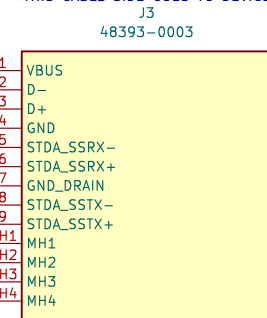


MH1-MH2 - MOUNTING HOLES (THT) CONNECTED TO SHIELD

USB VBUS SWITCH
USED TO SWITCH ON&OFF USB DEVICE

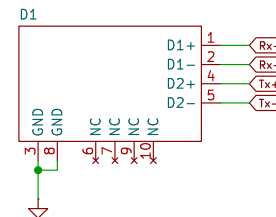


USB-A 3.0 RECEPTACLE
THIS CABLE SIDE GOES TO DEVICE SIDE

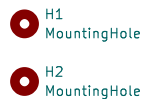


MH1-MH4 - MOUNTING HOLES (THT) CONNECTED TO SHIELD

ESD PROTECTION FOR TX AND RX LINES



POWER FLAGS (KICAD SPECIFIC THING)



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