+5V U1 +3V3 +5V VDD
MCP1700-1202E_SOT23

C2
4.7uf
C4
0.1uf

3 VI GND VO 2

C6
0.1uf

J2
1 3V3
2
3 5V

GND

+3V3 VDD

C5
0.1uf
C7
0.1uf

GND GND

VDD
R1
4K7

VDD

J3
1 GND
2 VCC
3 TX
4 RX

GND

U2

J1
USB_B
+5V

VBUS 1
D+ 3
D- 2
Shield
GND 4
5

GND

19 D+
18 D-

17 V_USB
1 VDD

RST 4
RX 12
TX 10
RTS 11
CTS 13
GP0/SSPND 16
GP1/USB-CFG 15
GP2 14
GP3 9
GP4 8
GP5 7
GP6/RxLED 6
GP7/TxLED 5

MCP2200-I-SO

2 OSC1
3 OSC2
VSS 20

Y1
12MHz

C1
15pf
C3
15pf

GND

GND

D1
D2

R2
4K7
R3
4K7

GND

DMFE
Sheet: /
File: USBtoTTL_Serial.sch
Title: USB to TTL Serial
Size: A   Date: 2019-01-02   Rev: n/c
KiCad E.D.A.   kicad (6.0.0-rc1-dev-1459-g8fd68358f)   Id: 1/1