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

C2 4.7uf
C4 0.1uf
3 VI  GND  VO 2
1
C6 0.1uf
R5 0 3V3
R6 0 5V
Voltage Select
GND

+3V3 VDD
C5 0.1uf
C7 0.1uf
GND  GND

VDD
R1 4K7  R4 4K7

J1
USB_B
+5V

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

U2
19 D+  V_USB 17
18 D-  VDD 1
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

RX
TX

MCP2200-I-SO

2 OSC1
3 OSC2
VSS 20

Y1 12MHz
C1 15pf
C3 15pf
GND

GND

D1
D2

R2 4K7
R3 4K7
GND

J3
+12V 1
GND 2

GND

J4  J5  J6  J7  J8  J9  J10  J11
1 2 3 4  (each)

+12V
GND
RX
TX

TX

D3 1N4148W
D4 1N4148W
D5 1N4148W
D6 1N4148W
D7 1N4148W
D8 1N4148W
D9 1N4148W
D10 1N4148W

RX

8 Port Packet Serial
**DMFE**
Sheet: /
File: USBtoTTL_Serial.sch
**Title: USB to TTL Packet Serial**
Size: A    Date: 2020-04-11    **Rev: n/c**
KiCad E.D.A.  kicad (5.99.0-823-ga085f82be)    Id: 1/1