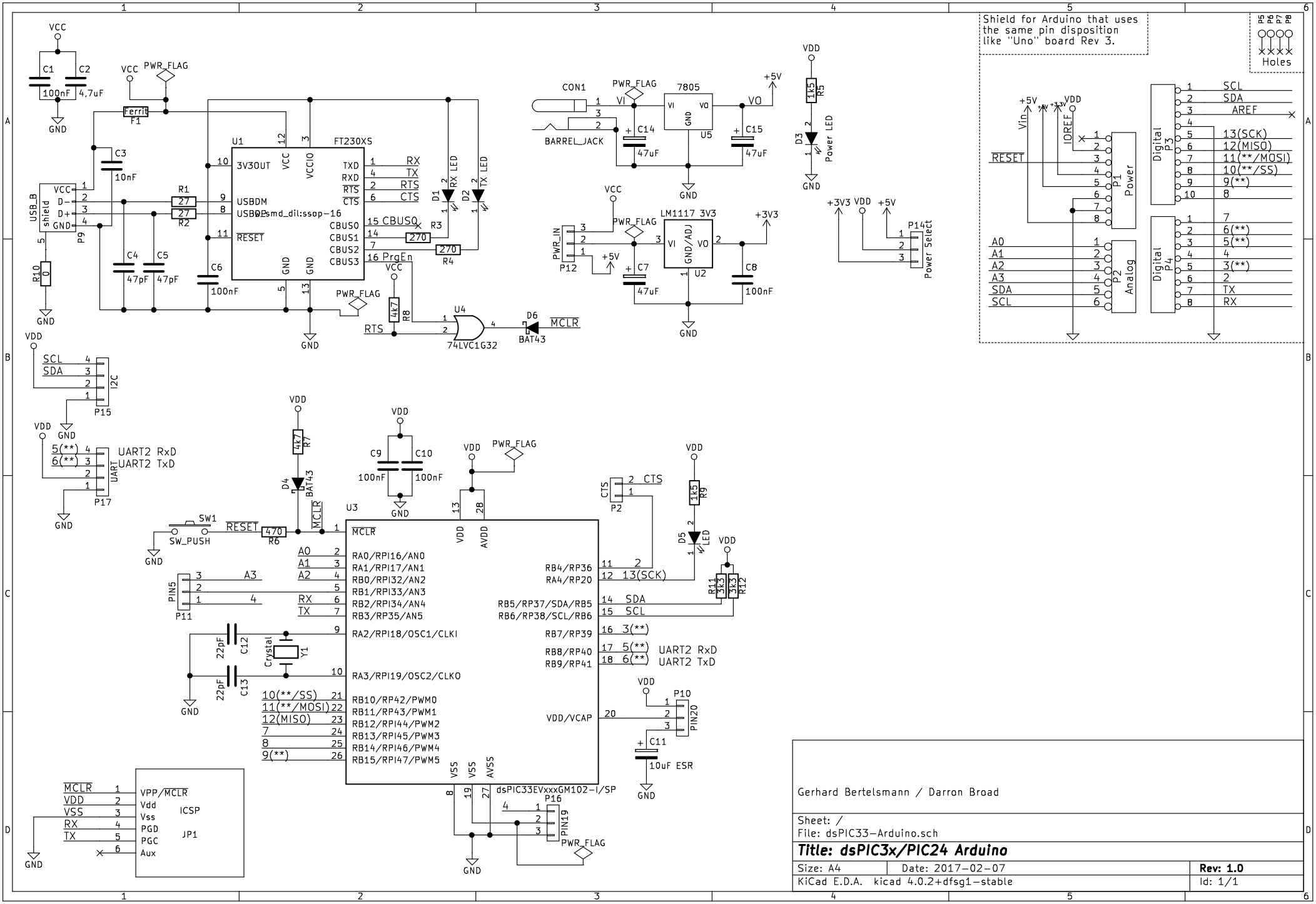
Shield for Arduino that uses the same pin disposition like "Uno" board Rev 3.
Holes
U1
FT230XS
3V3OUT
VCC
VCCIO
TXD
RXD
RTS
CTS
USBDM
USBDP
RESET
CBUS0
CBUS1
CBUS2
CBUS3
GND
USB_B
shield
CON1
BARREL_JACK
7805
U5
LM1117 3V3
U2
GND/ADJ
VI
VO
PWR_FLAG
Power LED
Power Select
P1 Power
P2 Analog
Digital P3
Digital P4
SCL
SDA
AREF
13(SCK)
12(MISO)
11(**/MOSI)
10(**/SS)
9(**)
RX
TX
RESET
A0
A1
A2
A3
I2C
P15
UART
P17
UART2 RxD
UART2 TxD
SW1
SW_PUSH
U3
dsPIC33EVxxxGM102-I/SP
MCLR
RA0/RPI16/AN0
RA1/RPI17/AN1
RB0/RPI32/AN2
RB1/RPI33/AN3
RB2/RPI34/AN4
RB3/RP35/AN5
RA2/RPI18/OSC1/CLKI
RA3/RPI19/OSC2/CLKO
RB10/RP42/PWM0
RB11/RP43/PWM1
RB12/RPI44/PWM2
RB13/RPI45/PWM3
RB14/RPI46/PWM4
RB15/RPI47/PWM5
RB4/RP36
RA4/RP20
RB5/RP37/SDA/RB5
RB6/RP38/SCL/RB6
RB7/RP39
RB8/RP40
RB9/RP41
VDD/VCAP
VDD
AVDD
VSS
AVSS
Crystal
Y1
ICSP
JP1
VPP/MCLR
Vdd
Vss
PGD
PGC
Aux
Gerhard Bertelsmann / Darron Broad
Sheet: /
File: dsPIC33-Arduino.sch
Title: dsPIC3x/PIC24 Arduino
Size: A4
Date: 2017-02-07
Rev: 1.0
KiCad E.D.A. kicad 4.0.2+dfsg1-stable
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