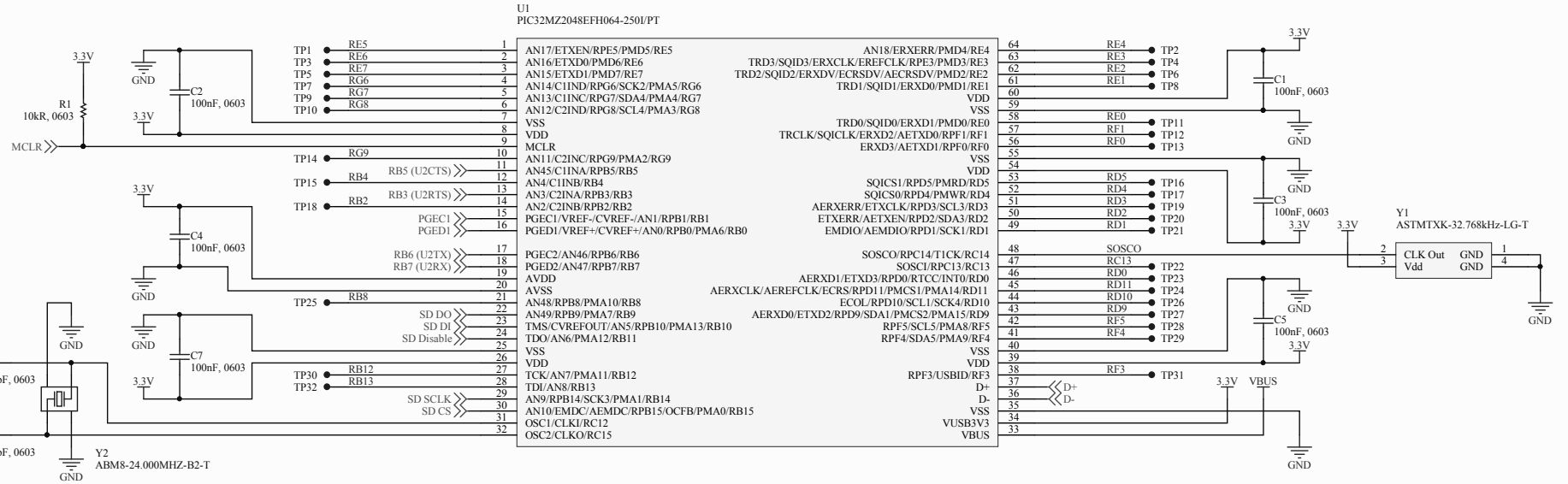
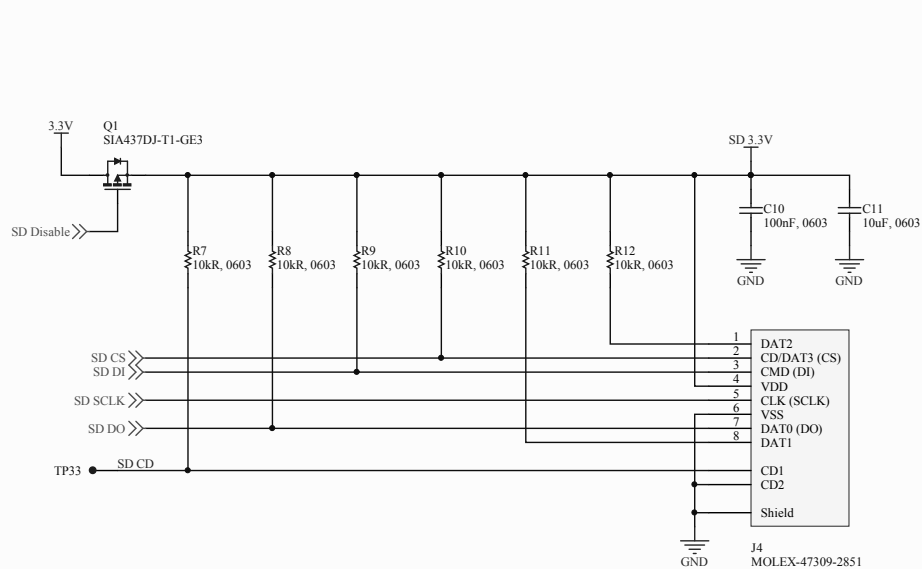


Designator	Quantity	Comment	Footprint
C1, C2, C3, C4, C5, C7, C10	7	100nF, 0603	Capacitor 0603
C6, C8	2	22pF, 0603	Capacitor 0603
C9	1	4.7nF, 0603	Capacitor 0603
C11, C12, C13	3	10uF, 0603	Capacitor 0603
D1	1	D3V3X4U10LP	D3V3X4U10LP
J1	1	MOLEX-47346-0001	MOLEX-47346-0001
J2	1	FTDI Breakout	FTDI Breakout
J3	1	MOLEX-95501-2661	MOLEX-95501-2661
J4	1	MOLEX-47309-2851	MOLEX-47309-2851
JP1	1	Jumper 2-way	Jumper 2-way
JP2	1	Jumper 3-way	Jumper 3-way
Q1	1	SIA437DJ-T1-GE3	SIA437DJ-T1-GE3
R1, R7, R8, R9, R10, R11, R12	7	10kR, 0603	Resistor 0603
R2, R4	2	22R, 0603	Resistor 0603
R3, R5	2	470R, 0603	Resistor 0603
R6	1	1MR, 0603	Resistor 0603
S1	1	FSM4JHX	FSM4JHX
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33	33	Test Point	Test Point 1.5mm
U1	1	PIC32MZ2048EFH064-250I/PT	TQFP-64
U2	1	ADP3338AKCZ-3.3-RL	SOT-223
Y1	1	ASTMTXK-32.768kHz-LG-T	ASTMTXK
Y2	1	ABM8-24.000MHZ-B2-T	ABM8

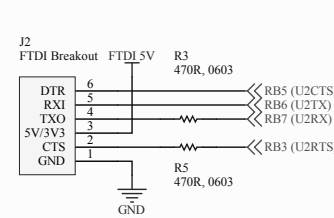
Microcontroller



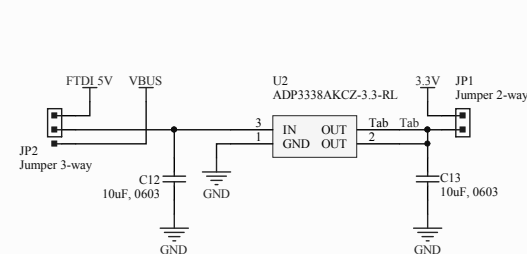
SD card



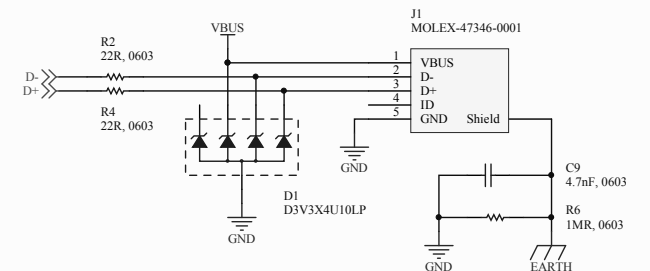
FTDI Breakout



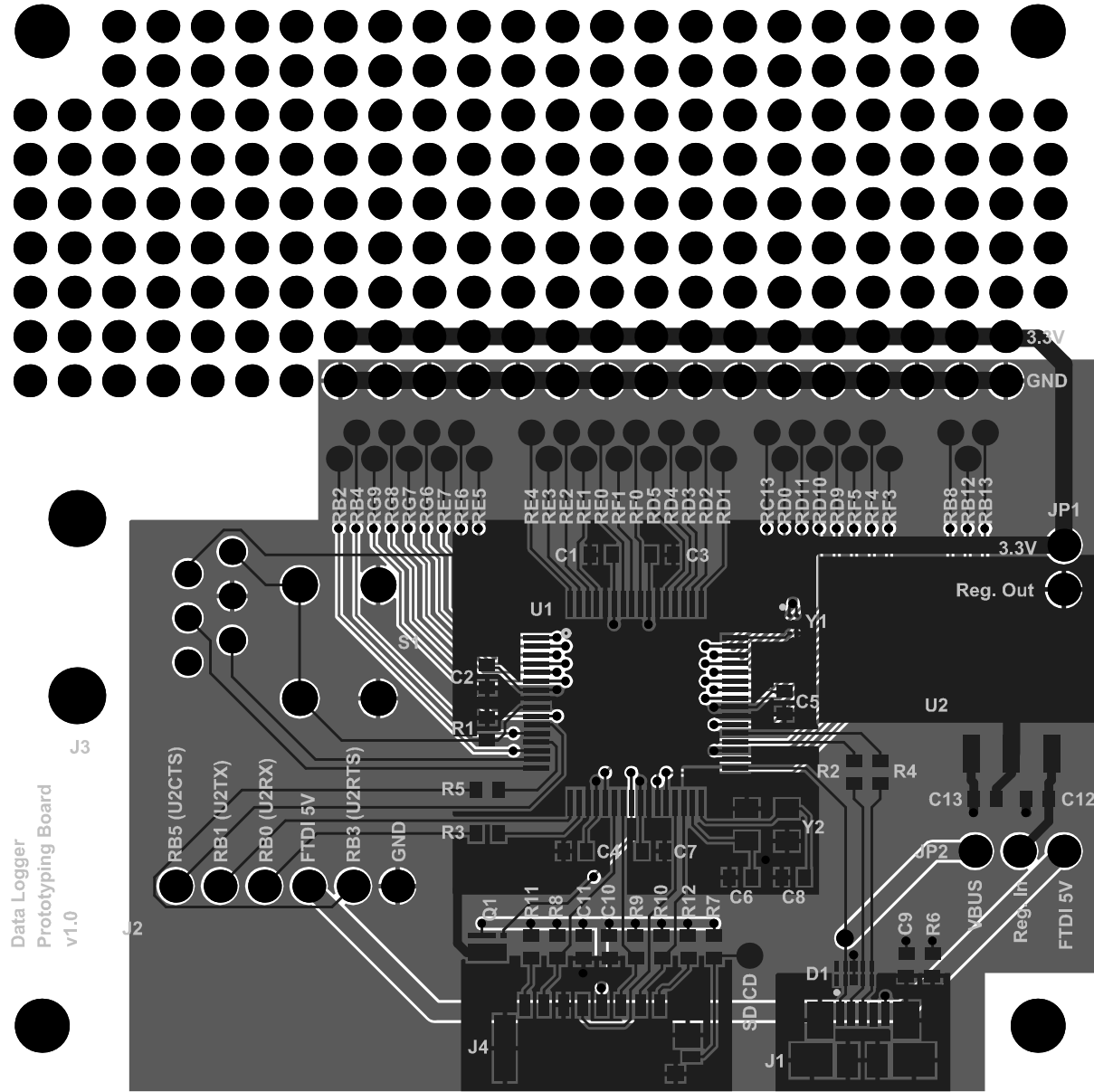
Voltage regulator

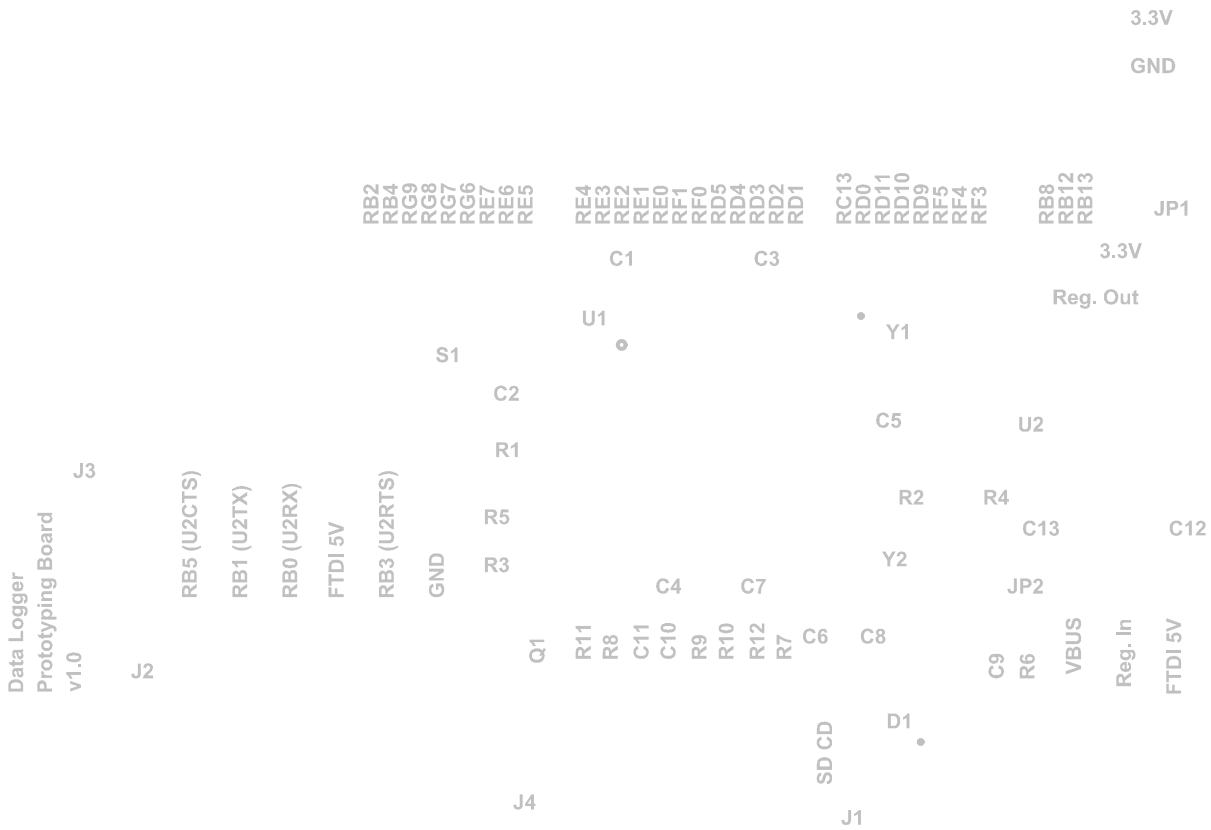


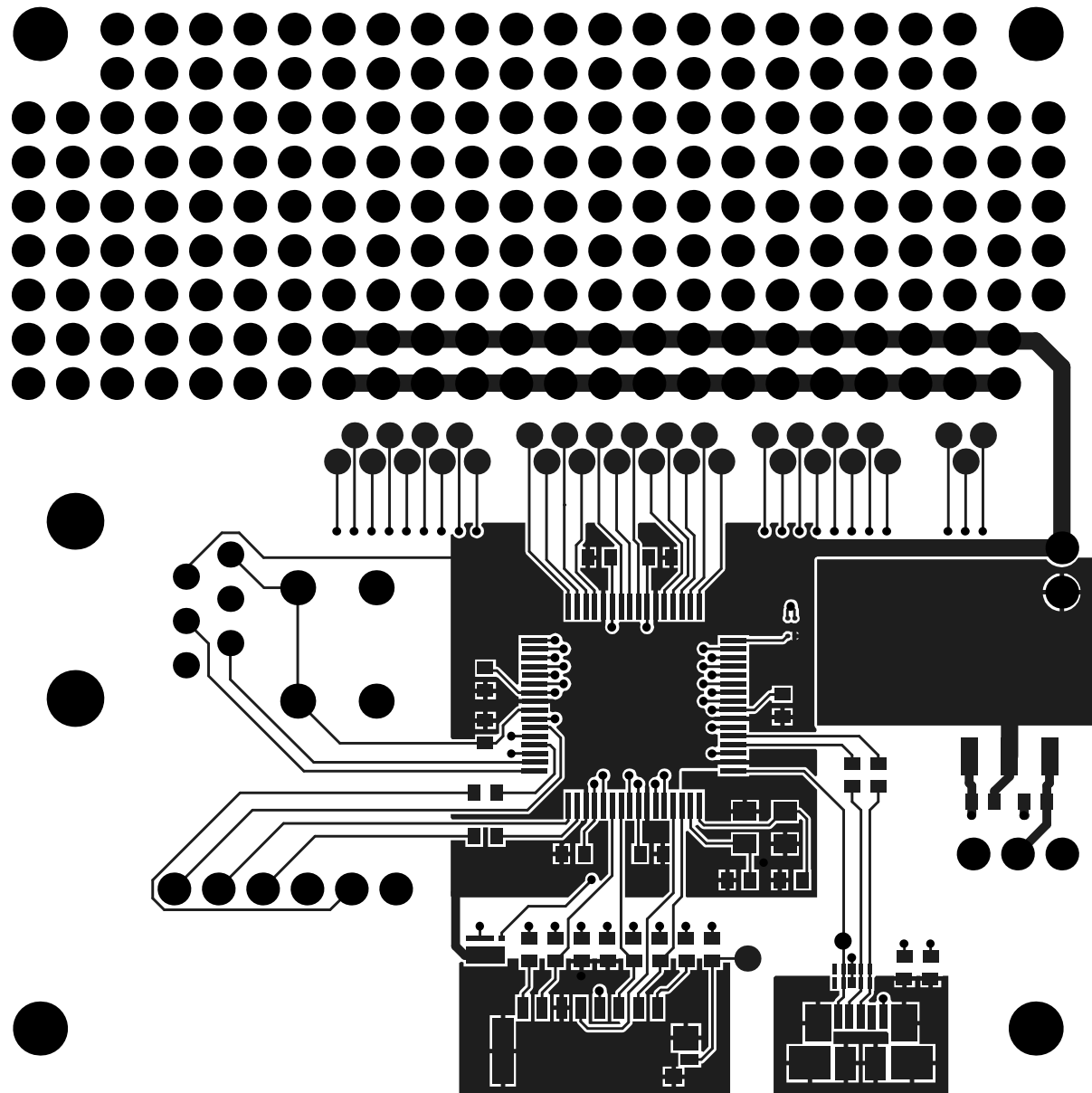
USB

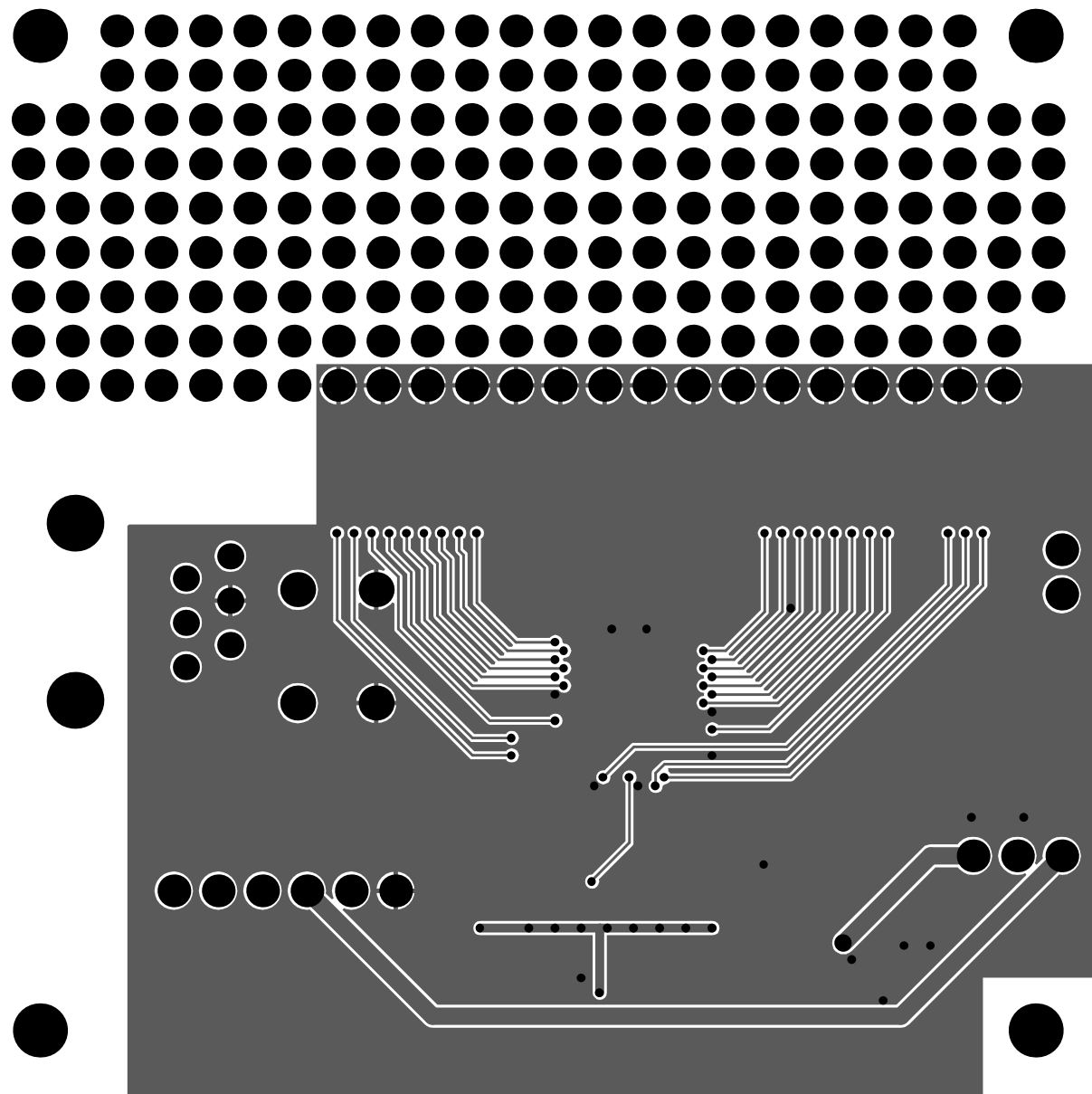


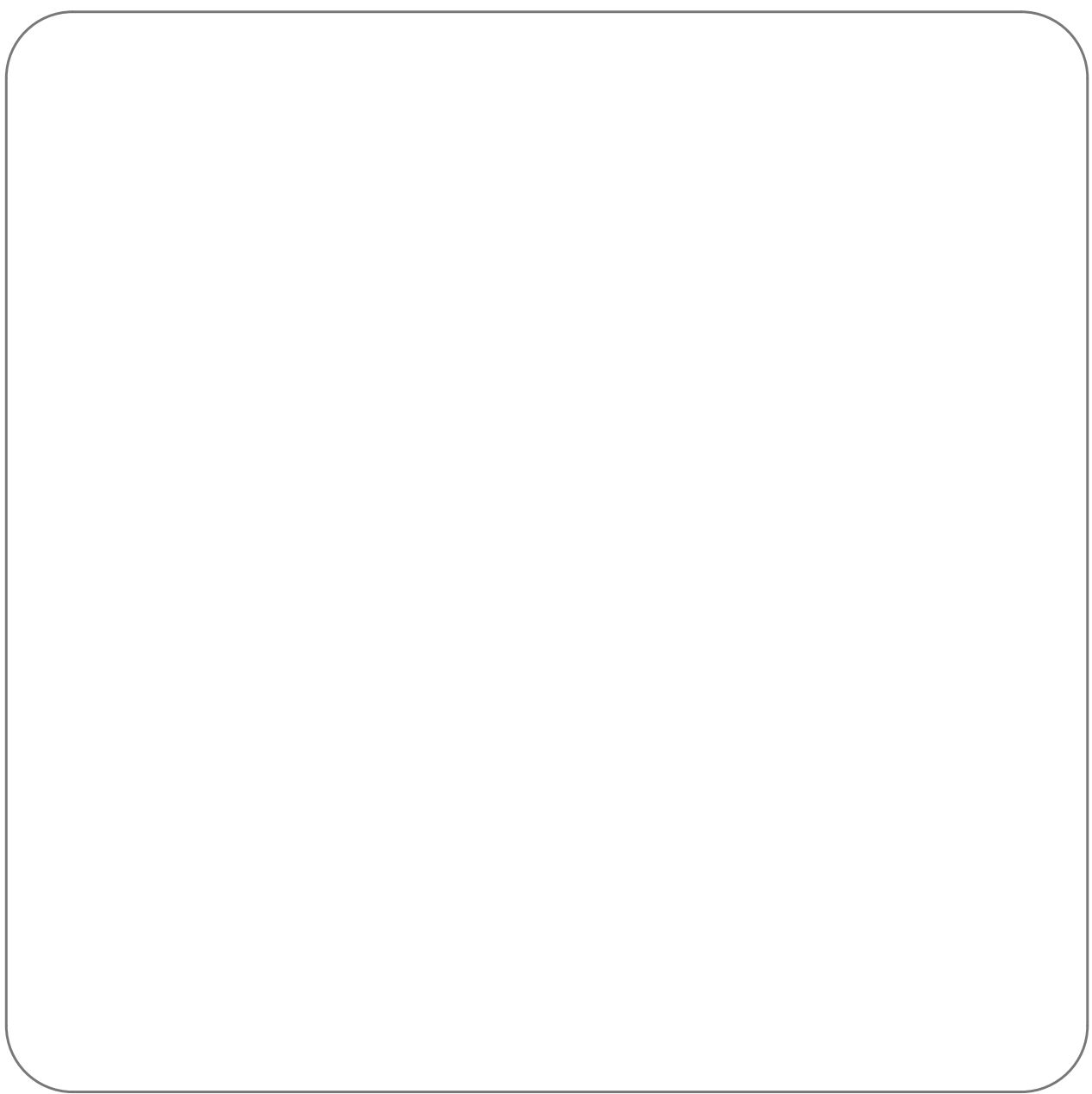
Data Logger
Prototyping Board
v1.0

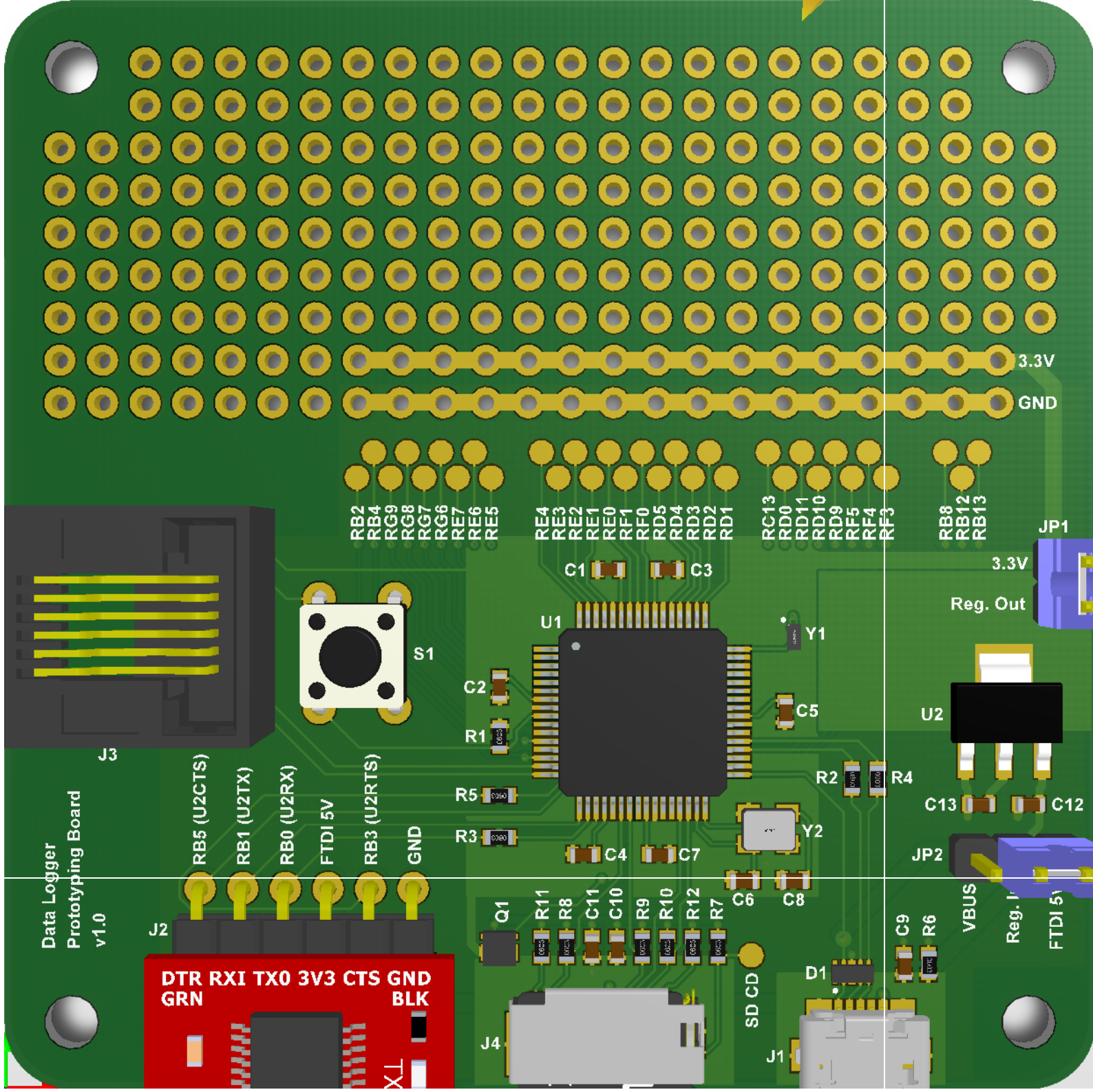












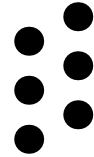
Data Logger
Prototyping Board
v1.0



J3

J2

RB5 (U2CTS)
RB1 (U2TX)
RB0 (U2RX)
FTDI 5V
RB3 (U2RTS)
GND



S1

RB2
RB4
RG9
RG8
RG7
RG6
RE7
RE6
RE5

RE4
RE3
RE2
RE1
RE0
RF1
RF0
RD5
RD4
RD3
RD2
RD1

RC13
RD0
RD11
RD10
RD9
RF5
RF4
RF3

RB8
RB12
RB13

3.3V
GND

JP1

3.3V

Reg. Out

