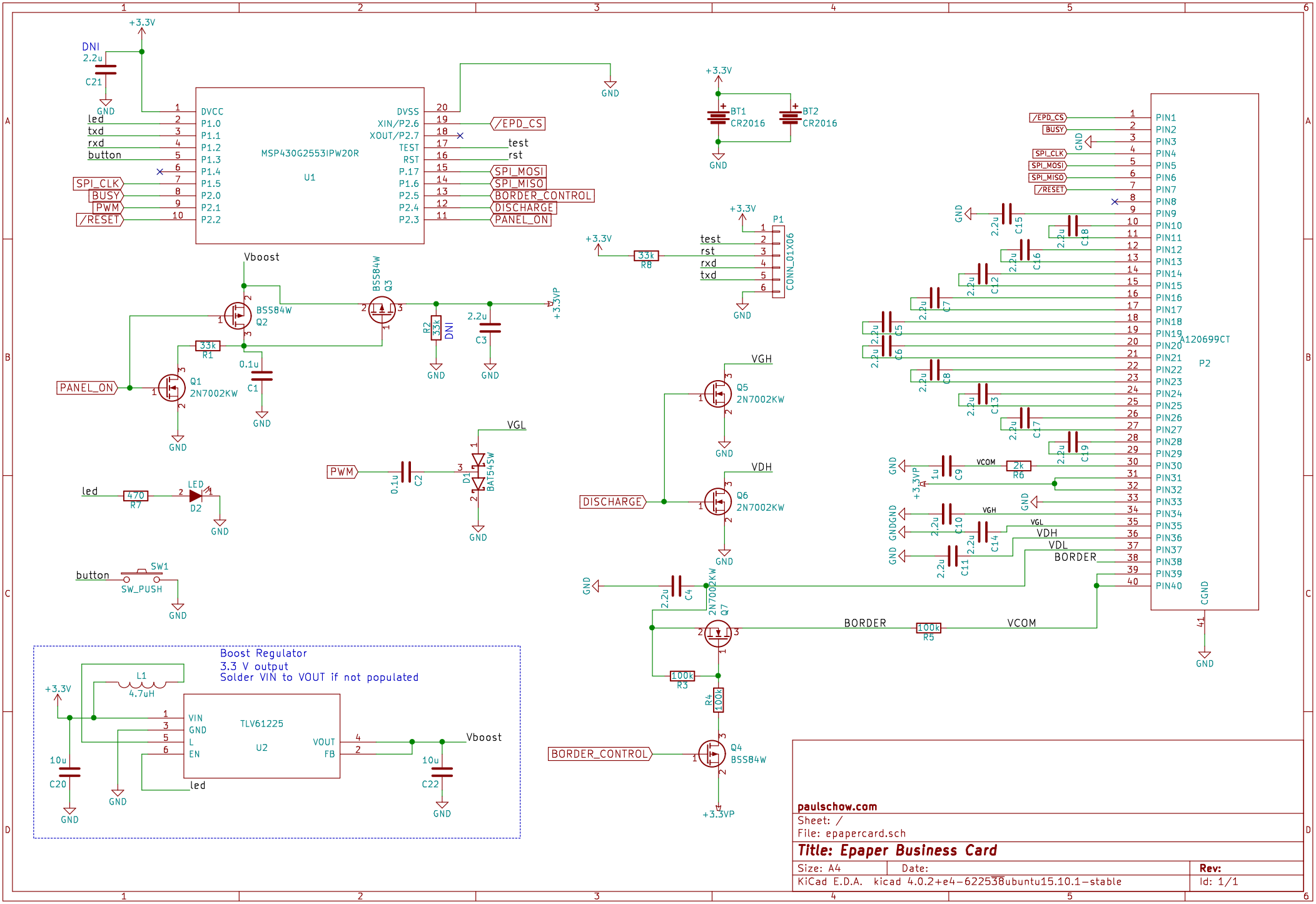
MSP430G2553IPW20R
U1
DVCC
P1.0
P1.1
P1.2
P1.3
P1.4
P1.5
P2.0
P2.1
P2.2
DVSS
XIN/P2.6
XOUT/P2.7
TEST
RST
P.17
P1.6
P2.5
P2.4
P2.3
led
txd
rxd
button
SPI_CLK
BUSY
PWM
/RESET
/EPD_CS
test
rst
SPI_MOSI
SPI_MISO
BORDER_CONTROL
DISCHARGE
PANEL_ON
+3.3V
DNI
2.2u
C21
GND
BT1
CR2016
BT2
CR2016
P1
CONN_01X06
33k
R8
Vboost
BSS84W
Q2
Q3
R1
R2
C1
C3
0.1u
+3.3VP
Q1
2N7002KW
VGH
Q5
VDH
Q6
VGL
D1
BAT54SW
C2
LED
D2
470
R7
SW1
SW_PUSH
Q7
C4
R3
R4
100k
R5
Q4
BORDER_CONTROL
A120699CT
P2
PIN1
PIN2
PIN3
PIN4
PIN5
PIN6
PIN7
PIN8
PIN9
PIN10
PIN11
PIN12
PIN13
PIN14
PIN15
PIN16
PIN17
PIN18
PIN19
PIN20
PIN21
PIN22
PIN23
PIN24
PIN25
PIN26
PIN27
PIN28
PIN29
PIN30
PIN31
PIN32
PIN33
PIN34
PIN35
PIN36
PIN37
PIN38
PIN39
PIN40
CGND
VCOM
2k
R6
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
C5
C6
C7
C8
BORDER
VDL
Boost Regulator
3.3 V output
Solder VIN to VOUT if not populated
L1
4.7uH
TLV61225
U2
VIN
GND
L
EN
VOUT
FB
10u
C20
C22
paulschow.com
Sheet: /
File: epapercard.sch
Title: Epaper Business Card
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 4.0.2+e4-622538ubuntu15.10.1-stable
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