HV boost circuit

D3
MBR0530

D2
MBR0530

GND

D1
MBR0530

C10
4.7uF50V

L1
68uH1A

+3V3

C12
4.7uF50V

GND

Epaper connector

GND

U2
FPCConn

C1		C2
105		105
C3		
105	C4	105
C5		
105	C6	
C11		105
105		

GND

Q1
Si1308

+3V3

C8
104

EPD_MOSI
EPD_CLK
EPD_CS
EPD_DC
EPD_RST
EPD_BUSY

C9 105

R2
0.47R

C7 105

GND

JP1
selector

R1
10K

R3
3R

GND

GND

U1
TinypicoESP32_Symbol

EPD_MOSI — 23 — 20
EPD_DC — 19 — 19
EPD_CLK — 18 — 18
EPD_CS — 5 — 17
22 — 16
21 — 15
EPD_BUSY — 32 — 14
EPD_RST — 33 — 13
RST — 12
11 — GND

VBAT — 1
GND — 2
5V — 3
3V3 — 4
IO4 — 5
IO14 — 6
IO15 — 7
IO27 — 8
IO26 — 9
IO25 — 10

+3V3

GND