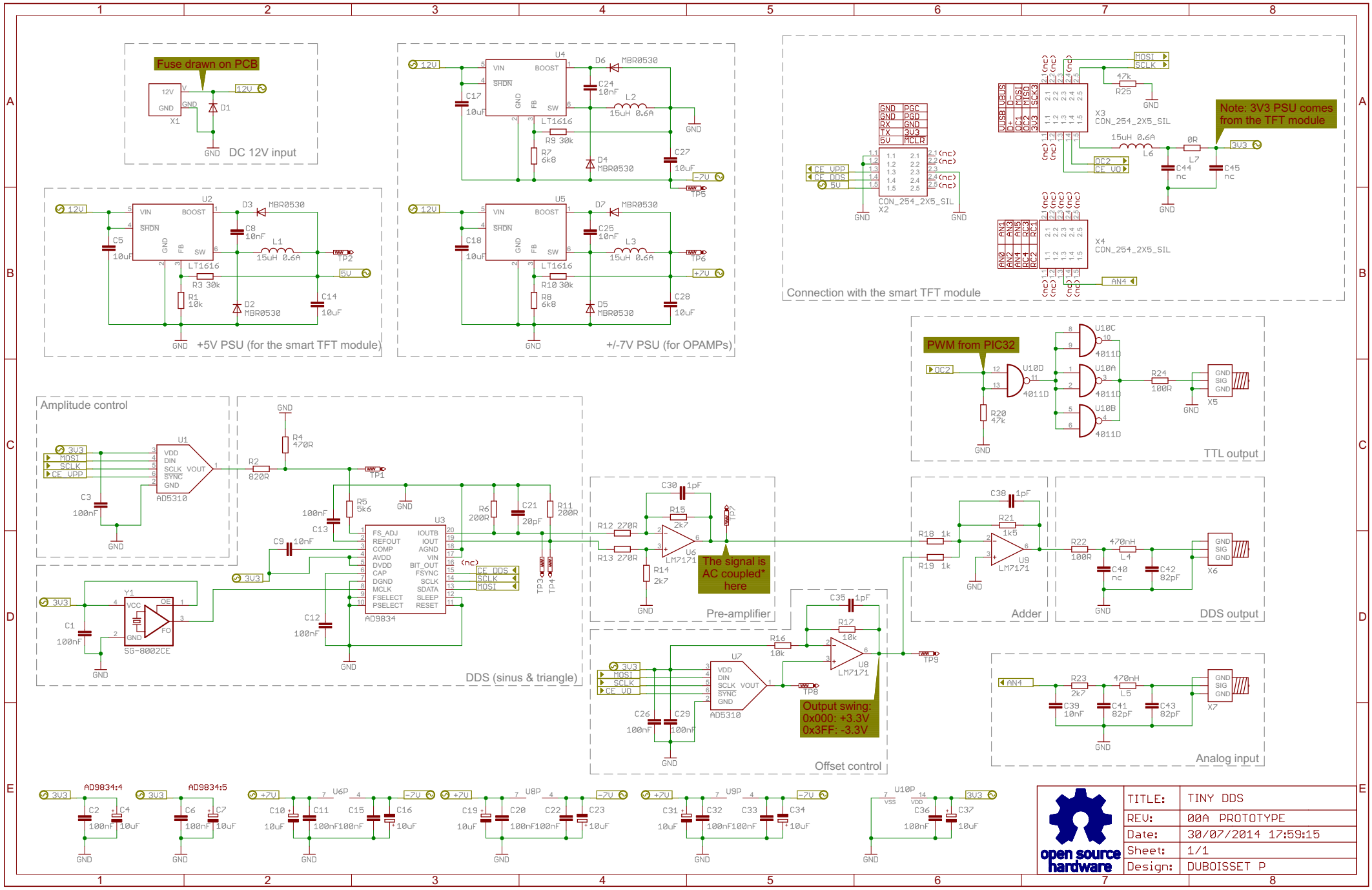
Fuse drawn on PCB
DC 12V input
+5V PSU (for the smart TFT module)
+/-7V PSU (for OPAMPs)
Connection with the smart TFT module
Note: 3V3 PSU comes from the TFT module
PWM from PIC32
TTL output
Amplitude control
DDS (sinus & triangle)
Pre-amplifier
The signal is AC coupled* here
Adder
DDS output
Offset control
Output swing:
0x000: +3.3V
0x3FF: -3.3V
Analog input
TITLE: TINY DDS
REV: 00A PROTOTYPE
Date: 30/07/2014 17:59:15
Sheet: 1/1
Design: DUBOISSET P
open source hardware