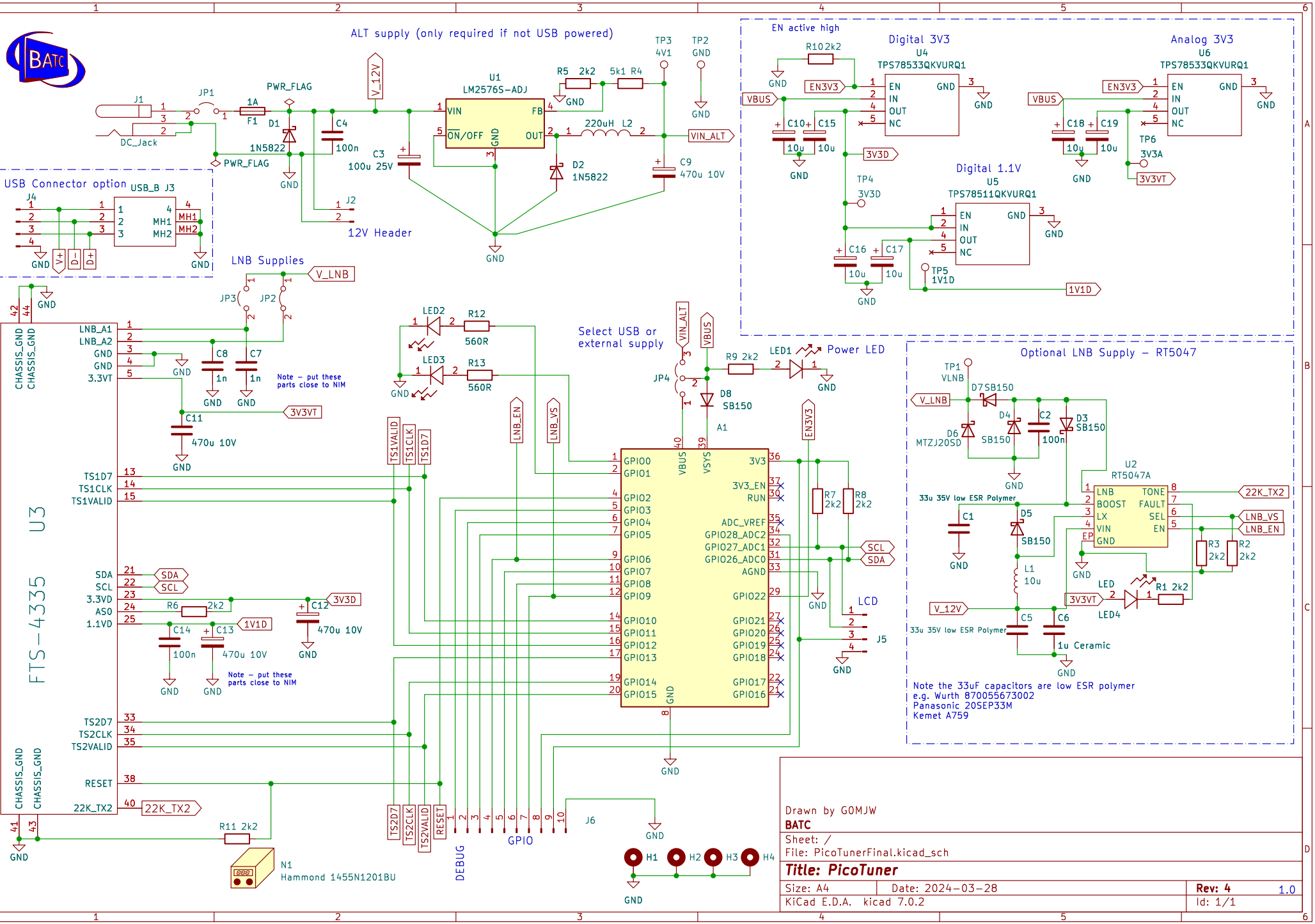
ALT supply (only required if not USB powered)
USB Connector option
LNB Supplies
12V Header
EN active high
Digital 3V3
Analog 3V3
Digital 1.1V
Select USB or external supply
Power LED
LCD
Optional LNB Supply – RT5047
FTS-4335 U3
DEBUG
GPIO
Note – put these parts close to NIM
Note the 33uF capacitors are low ESR polymer
e.g. Wurth 870055673002
Panasonic 20SEP33M
Kemet A759
Drawn by G0MJW
BATC
Sheet: /
File: PicoTunerFinal.kicad_sch
Title: PicoTuner
Size: A4
Date: 2024-03-28
Rev: 4
KiCad E.D.A. kicad 7.0.2
Id: 1/1