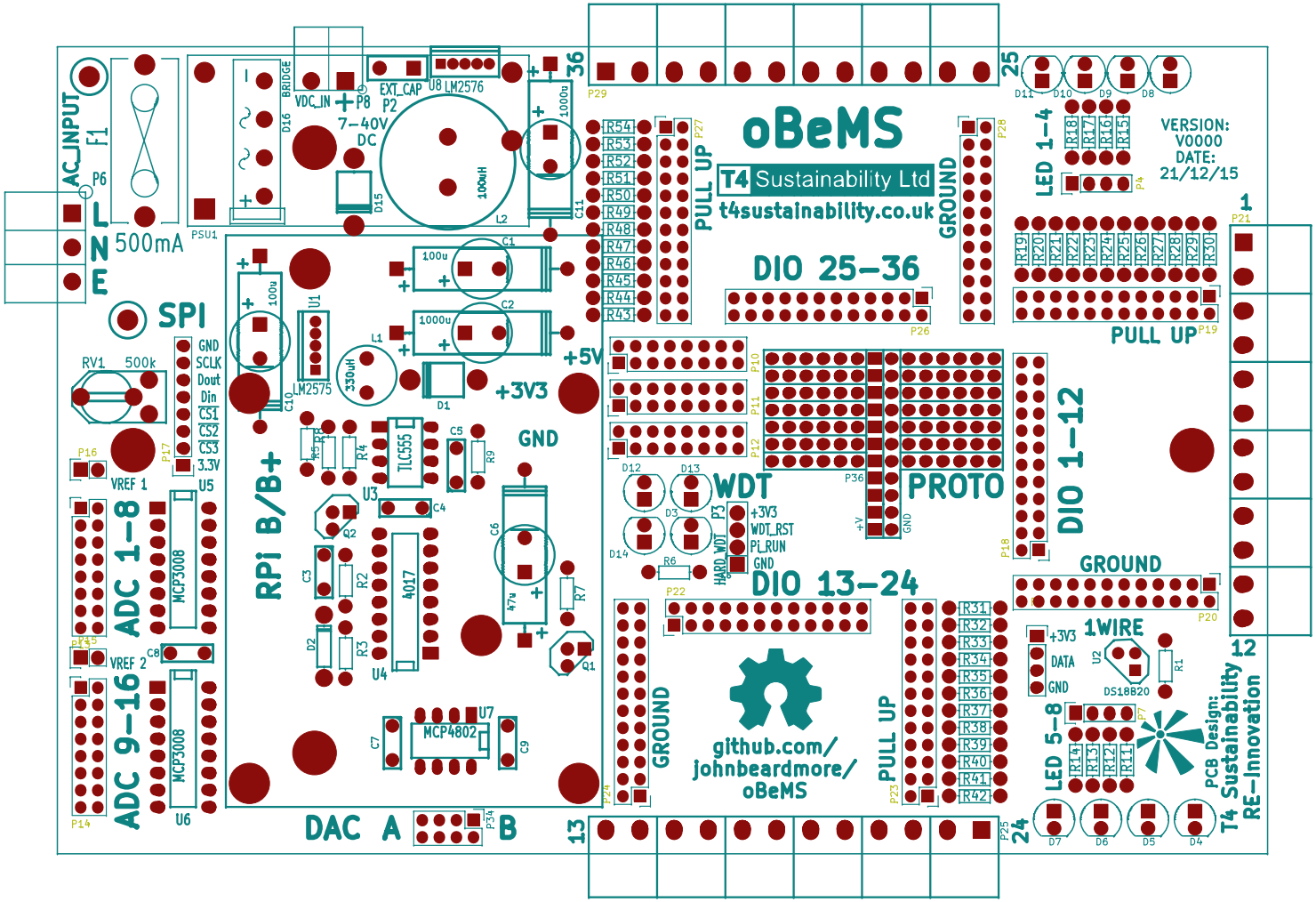
oBeMS
T4 Sustainability Ltd
t4sustainability.co.uk
VERSION:
V0000
DATE:
21/12/15
AC_INPUT
F1
500mA
L
N
E
SPI
GND
SCLK
Dout
Din
CS1
CS2
CS3
3.3V
RV1
500k
VREF 1
VREF 2
ADC 1–8
ADC 9–16
MCP3008
RPi B/B+
LM2575
TLC555
4017
MCP4802
DAC A
B
VDC_IN
P8
7–40V
DC
EXT_CAP
P2
U8 LM2576
BRIDGE
PSU1
+5V
+3V3
GND
PULL UP
GROUND
DIO 25–36
DIO 1–12
DIO 13–24
PROTO
WDT
+3V3
WDT_RST
Pi_RUN
GND
HARD WDT
LED 1–4
LED 5–8
1WIRE
DATA
DS18B20
github.com/
johnbeardmore/
oBeMS
PCB Design:
T4 Sustainability
RE–Innovation