# CURRENT MEASUREMENT

GND     I/O 2     I/O 1

GND_IN1
2K2
wire

J4

current B

J3

current A

D1

D_ALT

IC2

0u1

0u1

C1

program port

4K7

J1 10K

J2

DISPLAY CONNECTIONS

Vdd
GND
scl
sda

PROGRAMMING CONNECTIONS

Vdd
test
reset
GND

LM2596dcc

IC1

0u1

SW_Push

OLED

SW2

SW_Push

Decrement button

R7
1K5

R13

U4

MSP430G2553IPW20

33K

4K7

Fan/pre−amp
connectors

J9

J8

AZ1117−3.3

U2

2K2

C2

R11
4K7

MCP4728

U5

K33

SW1

Increment button

2K7  K56

R1

4K3

1K0

R3

1K5

T3 T2 Vg2

GND Vg1 T1

# MODULE CONNECTIONS