5V

C5
0.1uF
GND

J3
5
4
3
2
1
SPI 1
GND

R1

IC2
2 CS   VOUTA 8   I_CTL
3 SCK
4 SDI
5 LDAC
1 VDD
7 VSS   VOUTB 6   V_CTL
MCP4822-E/P
GND

5V

FUSE

C2   C3
1uF   0.1uF
GND   GND

J1
4
3
2
1
Control
GND

EN   ENABKE   VCC
HV_ON   HV_ON
RESET   RESET
V_REF   REF   HV_OUT   HV_OUT
I_MON   I_MON
V_MON   V_MON
I_CTL   I_CTL
V_CTL   V_CTL   GND

GND

GND

C1
0.1uF
GND

D1   35V

Output 2

Output 1

GND

5V

J4
2
1
Power
C6
10uF
GND

5V

C4
0.1uF
GND

J2
5 N$6
4 CS2
3 DIN2
2 DOUT2
1 CLK2
SPI 2
GND

IC1
8 VDD/VREF
CLK2 7 CLK   CH0 2   V_MON
DIN2 5 DIN
CS2   1 CS/SHDN
DOUT2 6 DOUT   CH1 3   I_MON
4 VSS
MCP3202P

hv80_carrier
10/9/16 10:34 PM
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