NC
GND
Inverting AMP
OUT
GND
OUT
Multiple Feedback
IN
VREF
Band-Pass Filter
VREF
VDD
Low-Pass Filter
VDD
NC
GND
DIFF AMP
SK-HPF
GND
OUT
NINV AMP
SK-LPF
IN
VREF
Voltage Follower
VREF
VDD
VDD
GND
B1
W1
A1
B0
W0
A0
GND
MCP42U83-104:100k
10-Bit Dual-Channel DIGI-POT
04-12259-R1
VDD
GND
OUT
GND
MCP97008
Analog
Output Temp
Sensor
RBS
VOUT GND VIN SHDN
VOUT GND VIN EN
VDD = 3.5V-5.5V
1.8V GND VDD GND
RST
5V
VOUT
3.3A
GND
OUTB
IN8+
OUTA
IN4+
SENSING
REFFERENCE
COUNTER
DVDD
AVDD
DGND
AGND
REFIN-
REFIN+
ADC
CH0
CH7
IRQ
J10
R1
J22
04-12674-R3