



ADS114S08B

internal Reference Voltage

Filter

Filter

Filter

Filter

Filter

$U_{RTD} + U_{LEAD 1}$

$U_{LEAD 3}$

U_{REF}

I_{const}

AIN0

AIN1

AIN2

AIN3

AIN4

AIN5

AIN6

AIN7

AIN8

AIN9

AIN10

AIN11

REFP0

REFN0

AINp

AINn

PGA

ADC

L

C_{test}

RRTD

shielded cable

1T1

1T2

1T3

2T1

2T2

2T3

3T1

3T2

3T3

R_{REF}