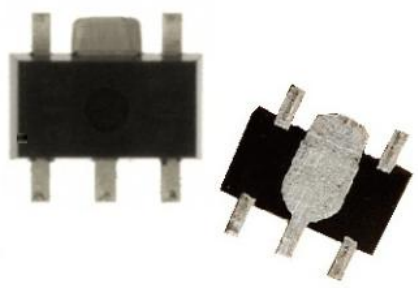
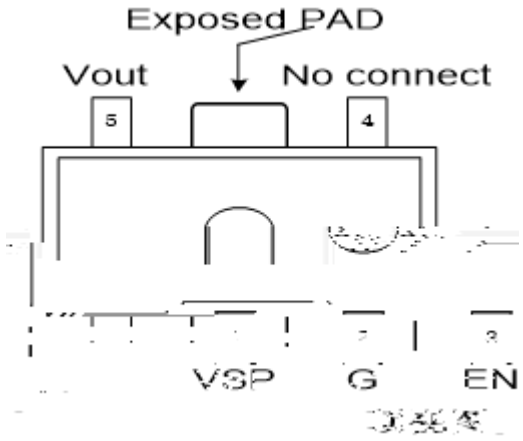
MCP4207—

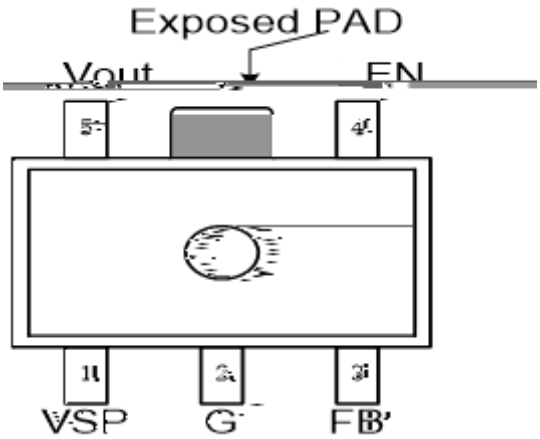
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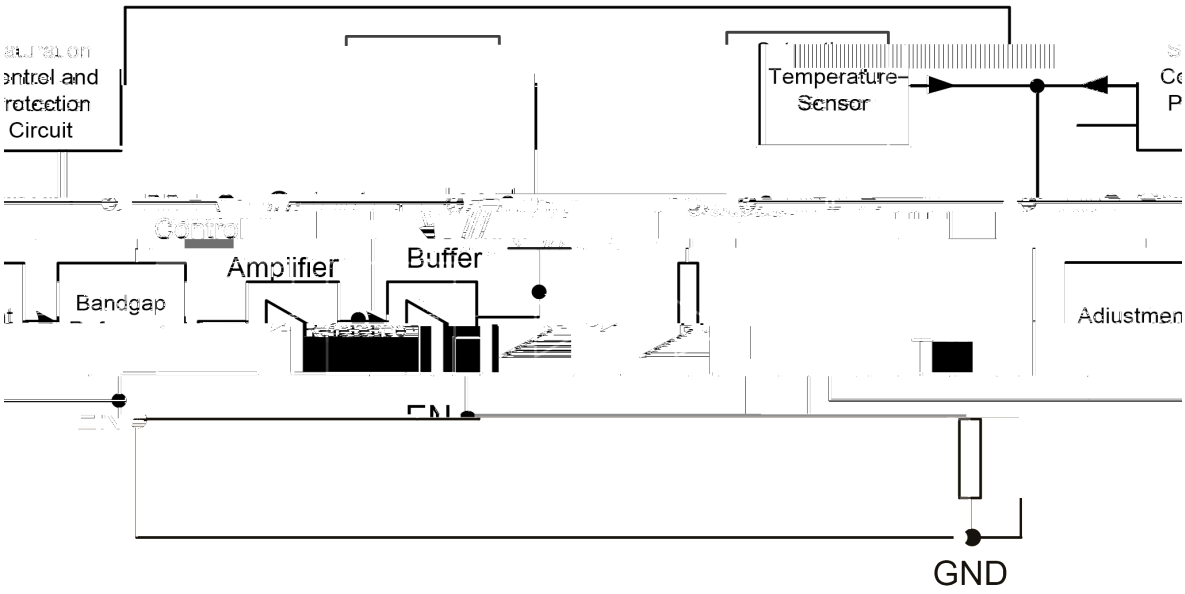
SOT89-5

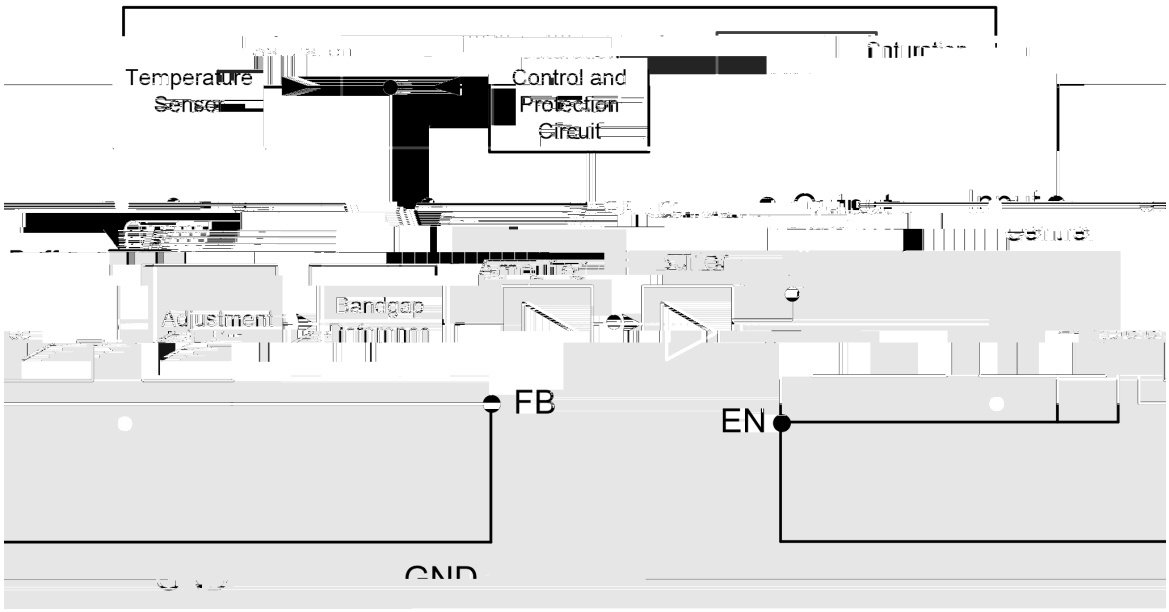

Exposed PAD
Vout
No connect
5
4
VSP
G
EN

3.1


Exposed PAD
Vout
EN
VSP
G
FB

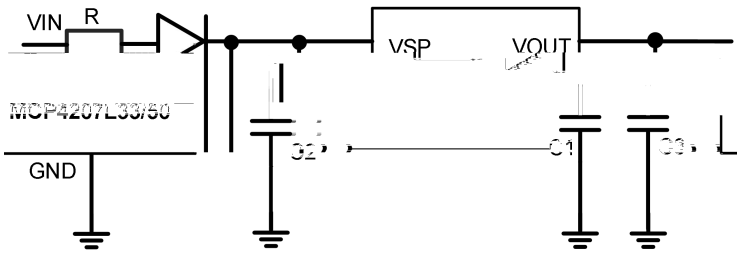
3.2

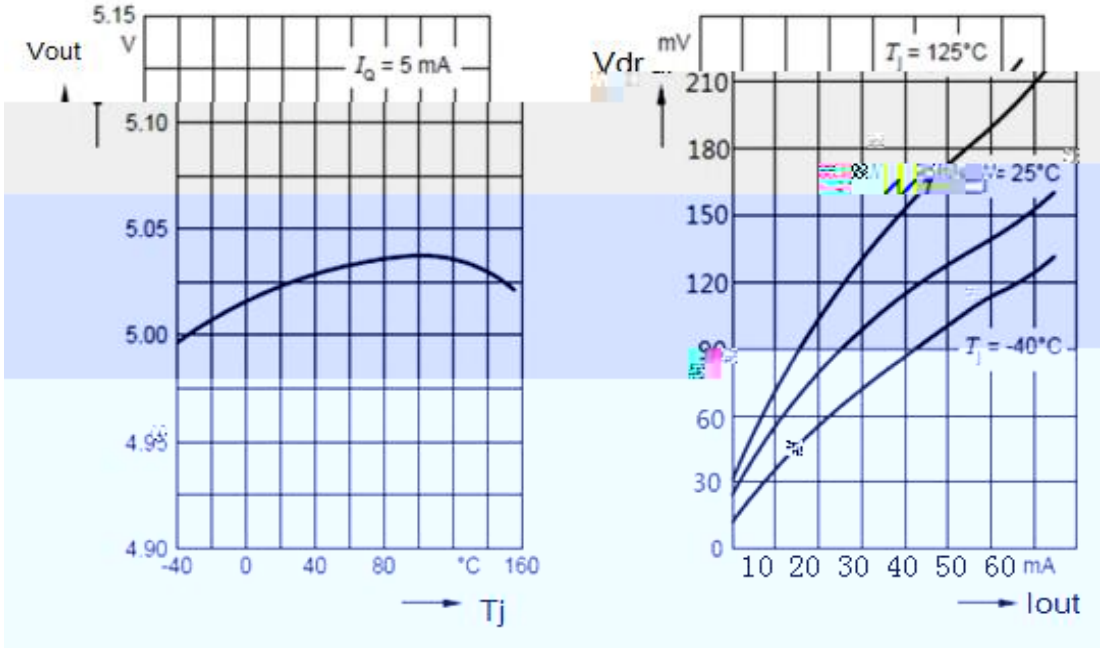


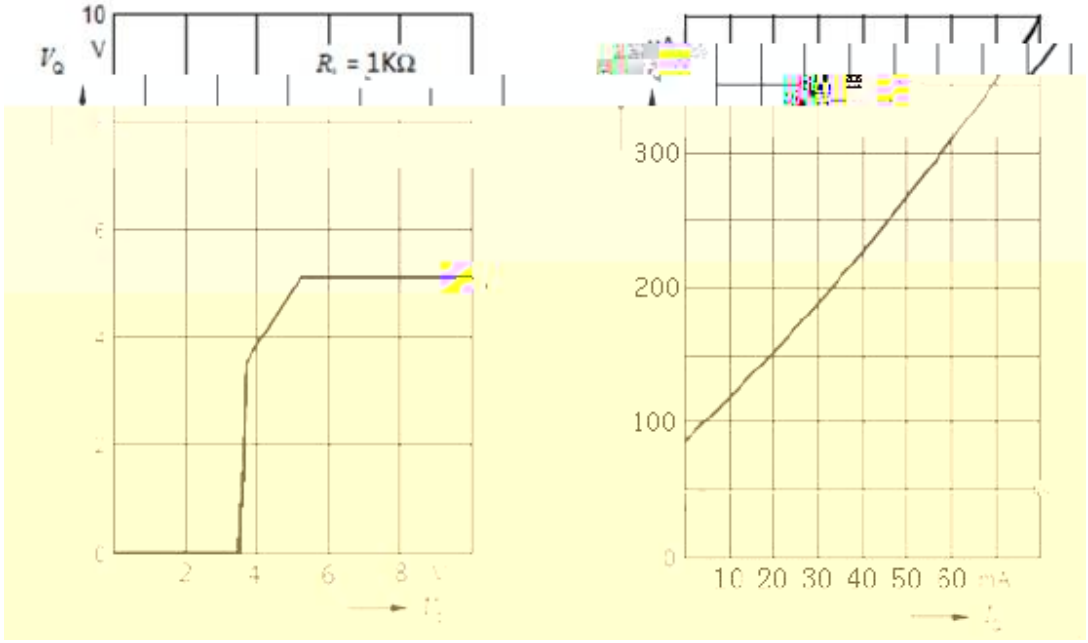

Temperature
Sensor
Control and
Protection
Circuit
Adjustment
Bandgap
FB
EN
GND

4.1

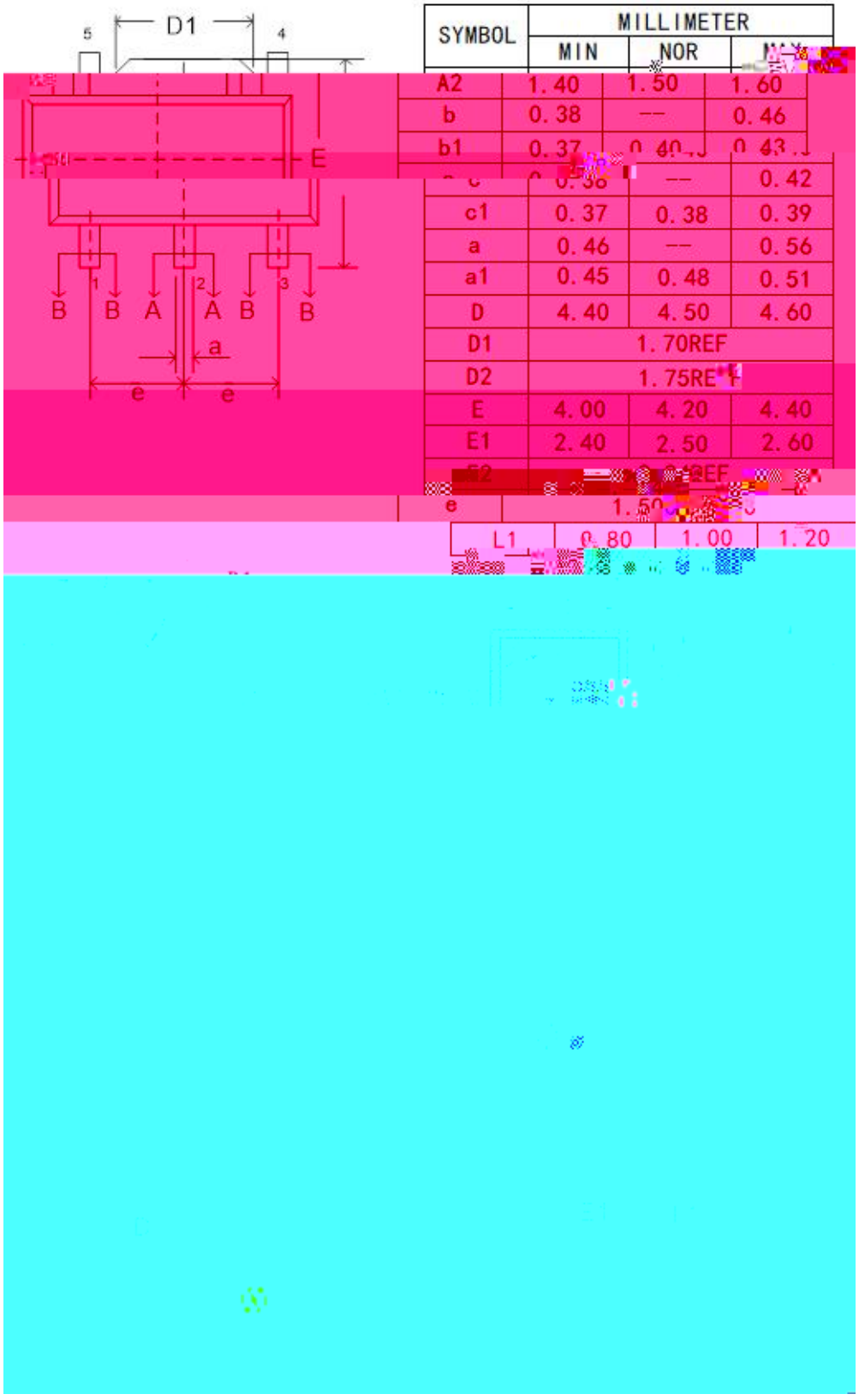
4.2


VIN
R
VSP
VOUT
GND


Vout
5.15
V
I_Q = 5 mA
5.10
5.05
5.00
4.95
4.90
-40
0
40
80
°C
160
Tj
mV
T_j = 125°C
210
180
150
120
60
30
0
10 20 30 40 50 60 mA
Iout
T_j = -40°C


10
V
R_L = 1KΩ
300
200
100
0
10 20 30 40 50 60 mA

SOT89-5L



SYMBOL	MILLIMETER		
	MIN	NOR	MAX
A2	1.40	1.50	1.60
b	0.38	--	0.46
b1	0.37	0.40	0.43
c	0.38	--	0.42
c1	0.37	0.38	0.39
a	0.46	--	0.56
a1	0.45	0.48	0.51
D	4.40	4.50	4.60
D1	1.70REF		
D2	1.75REF		
E	4.00	4.20	4.40
E1	2.40	2.50	2.60
e2	0.42REF		
e	1.50		
L1	0.80	1.00	1.20

