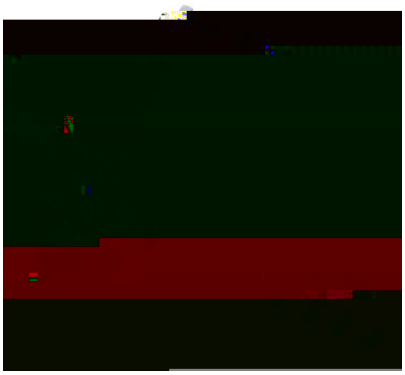
w Y 1 1 ك

MCP4949 ₩ ₣ 1 ч 5V Y 1 LDO 1 كّ ṗ ↄ ⁛ β w ė ˜ 1 w Â

MCP4949ˆ ч فمم ك L ᴸ 1ˇ ĩ فمم ₣ 100mAˇ ˜ 1ˆ 42Vˇ ⋯ G ƀ Ţ Â

Reset ₣ˇ ˆ G ك Lˇ Sense ˇ ˆ Y ضي ₣ β Ḥˆ ╠ ╠ ₣ ƿ Ḥˆ Â„ ą Sense w ˇ ˆ Y ą فمم ك ضيReset Å ك ҥ ╠ ₩ˢ Â

- ƀ 1 مخ' 5.5V~42V
- Ӣ ĺ Y 80uA'
- ₣ 1' 5VÑ1%
- ĩ فمم ₣ ч 100mA
- 1 G 0.4V
- Reset ₣ w ˇ ˆ β ,
- Sense 1 w
- Ḡ ė Ḡ
- AEC-Q100 ˇ G
- RoHs

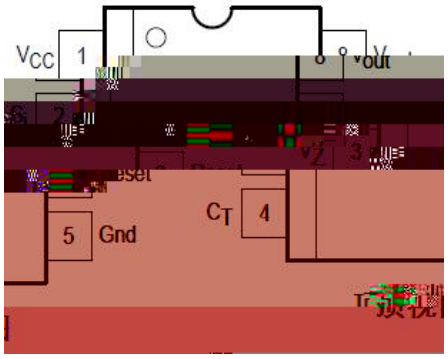


ESOP-8



SOP-8

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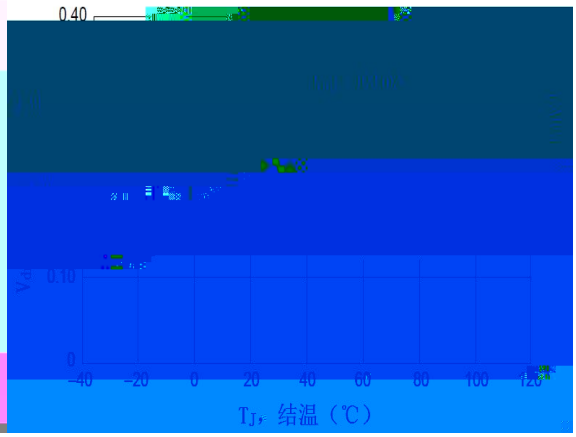
 3-1 MCP4949L5/MCP4949L50 №

1	Vin	
2	Sense	~
3	Vz	
4	CT	
5	GND	
6	Reset	
7	So	
8	Vout	
Exposed Pad		GND

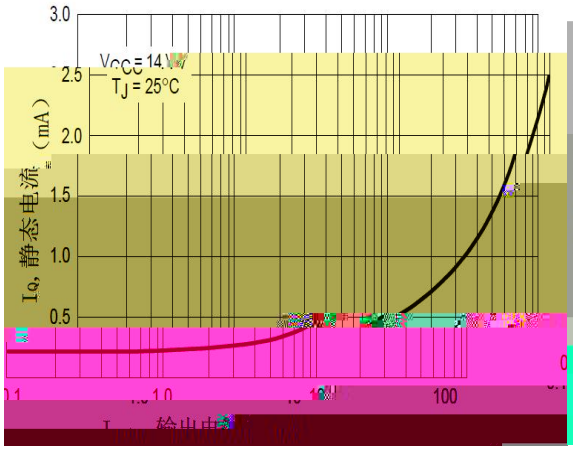
	V_{CC}	5.5	-	42	V	
	Iout			330	mA	
	Vout	4.95	5	5.05	V	
Sense	I_{SI}	-	Ñ1	-	mA	
Sense	V_{SI}		V_{CC}	e		
	V_Z					

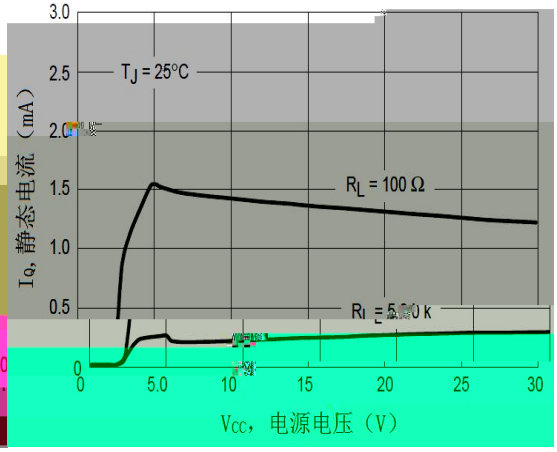
ڑ ṿ	V_{CTthr_hys}	-	100	-	mV
Reset¨Ḥ	I_{Reset_max}	-	-	5	mA
Sense ṿ	V_{SOth}				



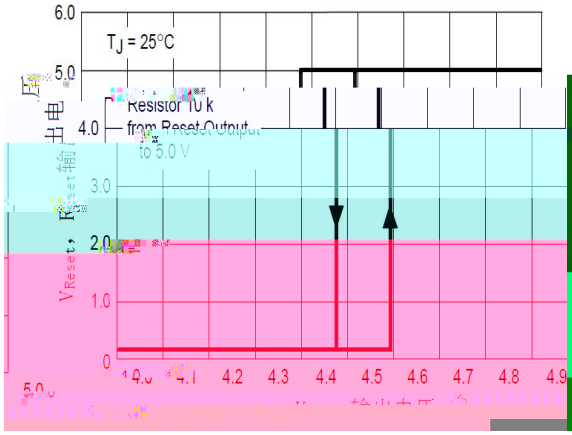


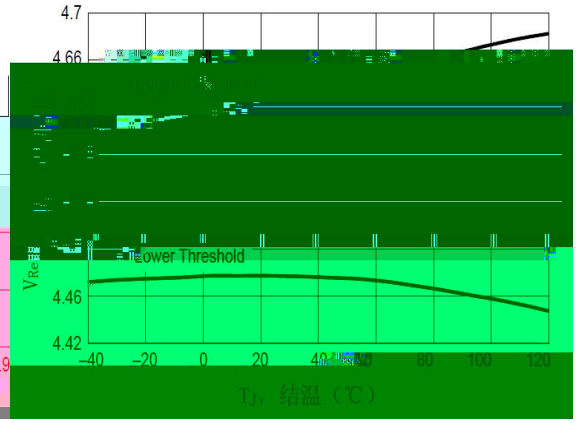
ﾇ 5-3 ｲ ｂ ｷ ﾞ ﾇ ﾇ 5-4 ｲ ｂ ﾞ ﾇ



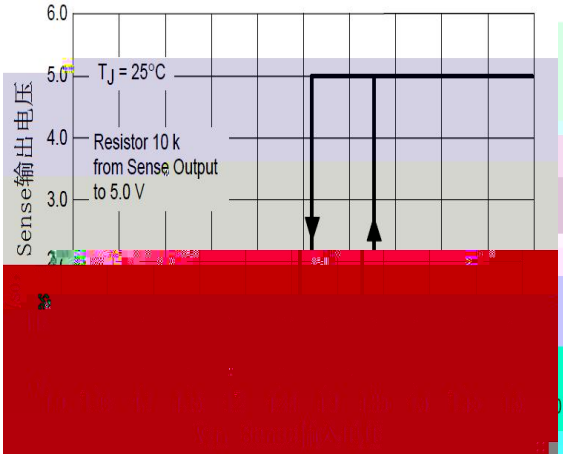


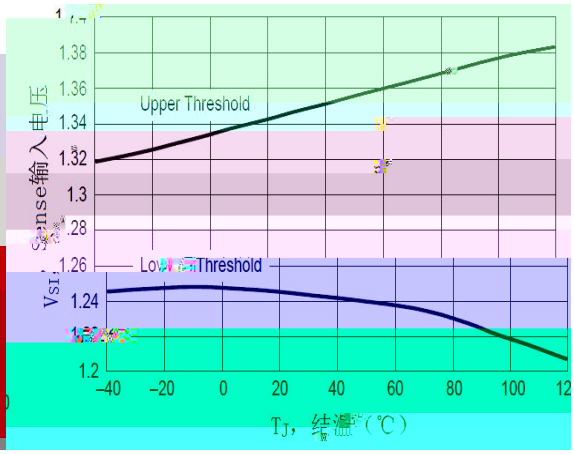
ﾇ 5-5 ｂ ｷ ﾞ ﾇ ﾇ 5-6 ｂ ~ ｲ ﾞ ﾇ



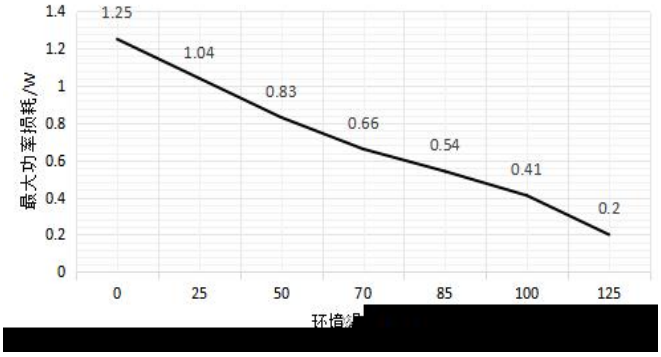


ﾇ 5-7 Reset ｷ ｲ ｂ ｷ ｲ ﾞ ﾇ ﾇ 5-8 Reset ｲ ｂ ﾞ ﾇ





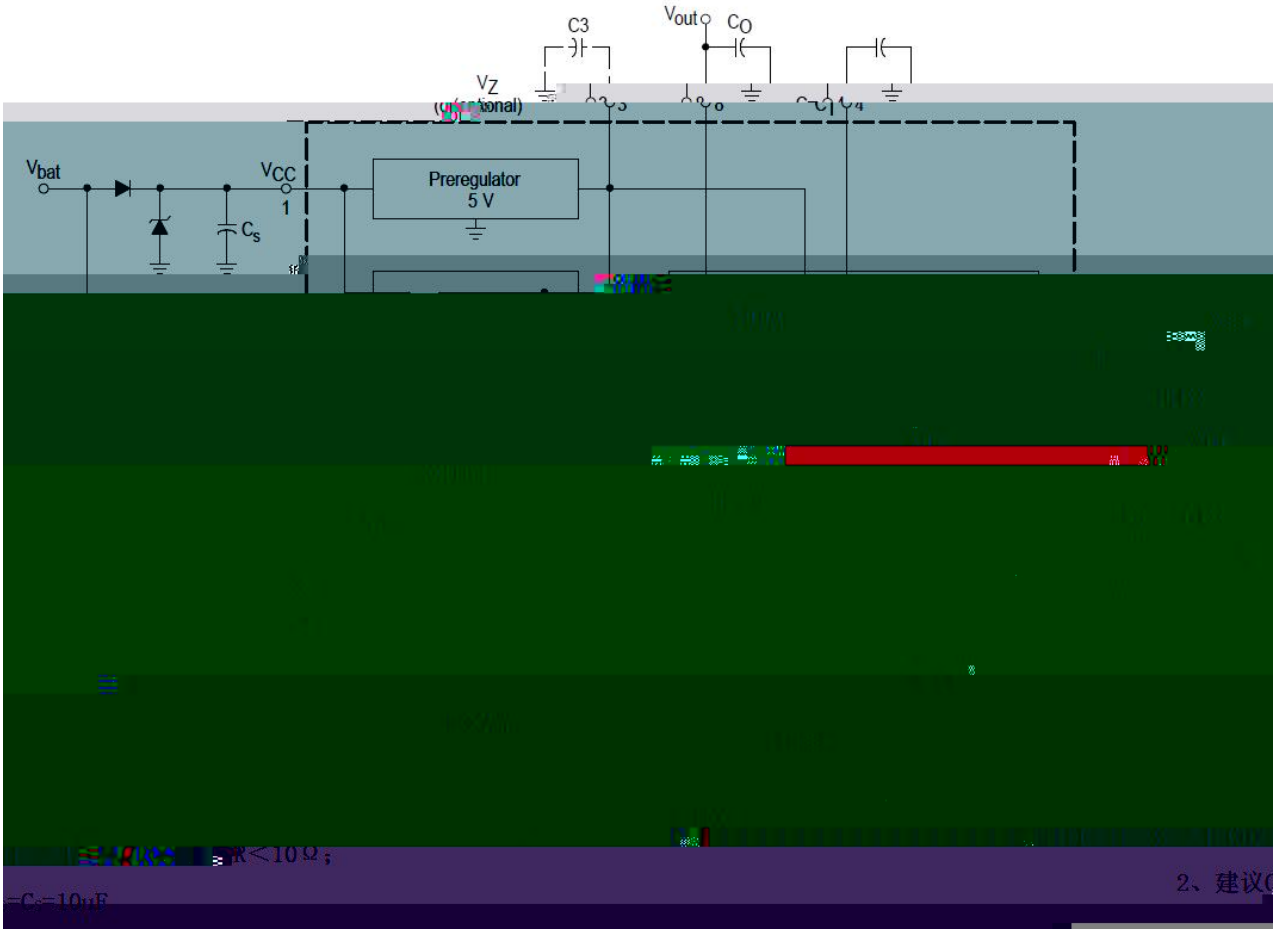
ㄓ5-9 Sense ㄔ ㄧ ㄅ Sense ~ ㄧ ˇ ㄓ ㄓ5-10 Sense ~ ㄧ ㄅ ˇ ㄓ



ㄓ5-11 W ㄅ ˇ ㄓ

ㄧ

ㄧ ĭ ˆ Ψ Reset ㄔ Ḥˆ Â ㄧ G 8.0Vˇ ㄧ ĭ G 100V/us ˇ ĭ Ƶˇ Reset ㄔ Ḥˆ Â ㄧ G 8.0Vˇ ㄧ ĭ G 0.4V/us ˇ Ψ ŭ Reset ㄔ Ḥˆ Â ㄐ ㄡ 、 ض ㄧ G 8.0V Ƶˇ ضPin 3 ₩ ₡ ˇ ˆ C3Ò1.0uF˜ ▯ ⋮ ㄔ ك Â

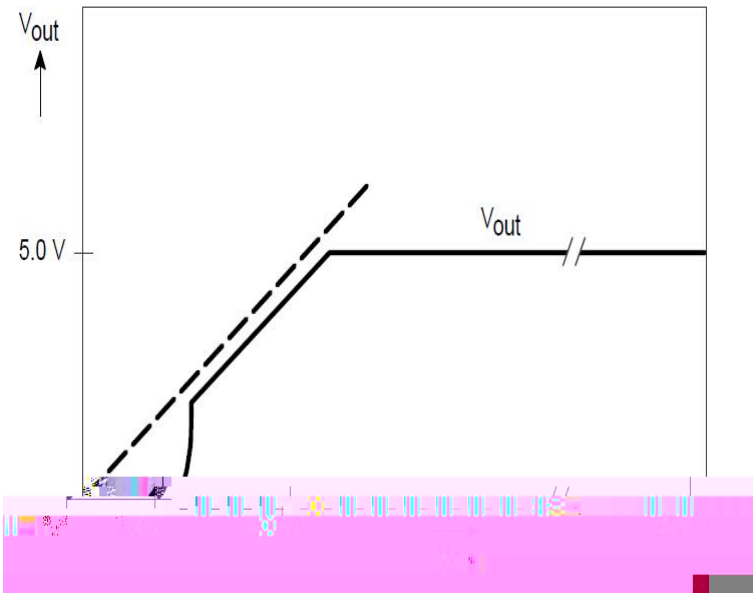


ح 6-1 MCP4949L5/MCP4949L50 ï ق ح

MCP4949 w ٣ ١ ч 5V ٢ ١ LDO ١ ك , ك ق م

ˇ ˇ MCP4949 ... ض ï ٢ Â ب ˇ ٍ ¢ w

˜ ƀ Â



ﺮﻜﺷ 6-2 ﺔﻓ ﺍ ﺐ ~ ﺍ ﺔ ﺮﻜﺷ

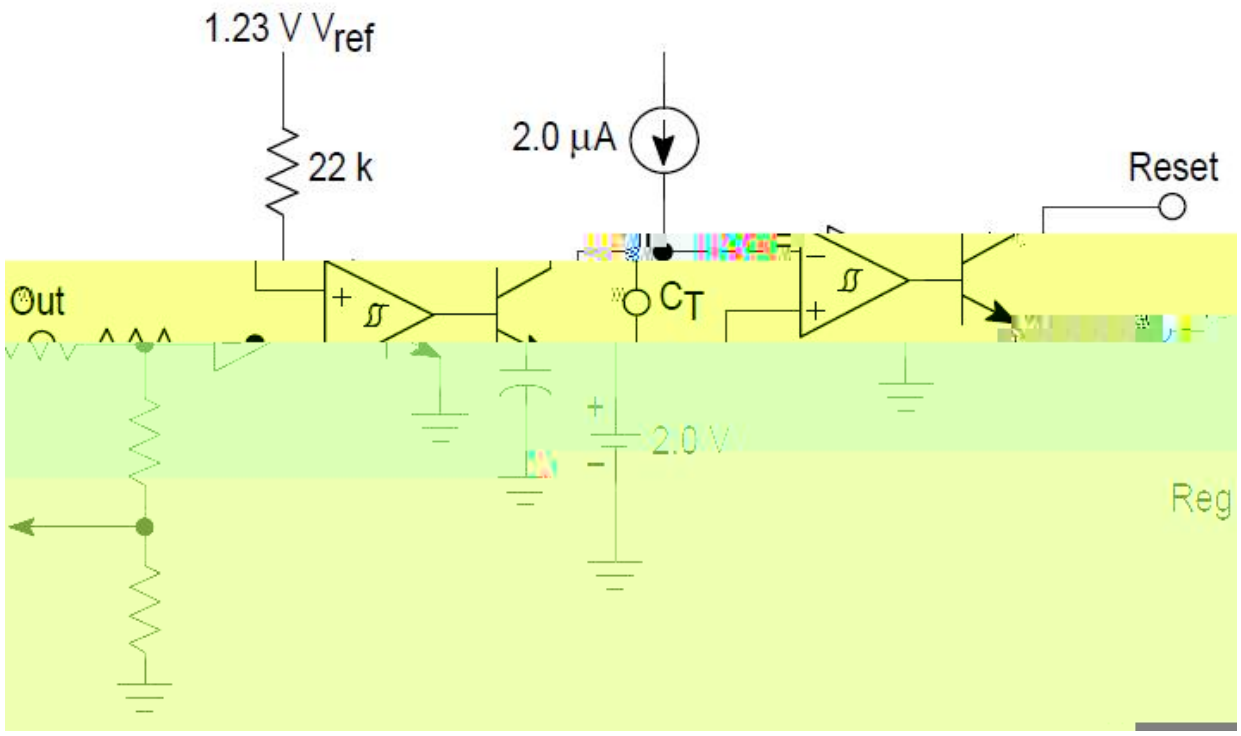
MCP4949 ﻉ 100uA Â ˘ ~ ﺍ ﺍ MCP4949 Ḡ

ﺐ ﺎﻓ˘ ﺎ ﻡﻬ ﻱ ﺽ80uA Â

Ḡ ' MCP4949 ṗ ﺸﺒ ﻱ ﻫ 330mA Â

ﻫ ﻮ ، ﻕ˘ ﻕ ﷲ MCP4949 ṗ ₪ ₪ „ b Ç ﺸﺒ˘ ﻫ ﺎ ﺭ ﺸﺒ ﺍ

₪ ₪ ₪



ৼ 6-3 Reset

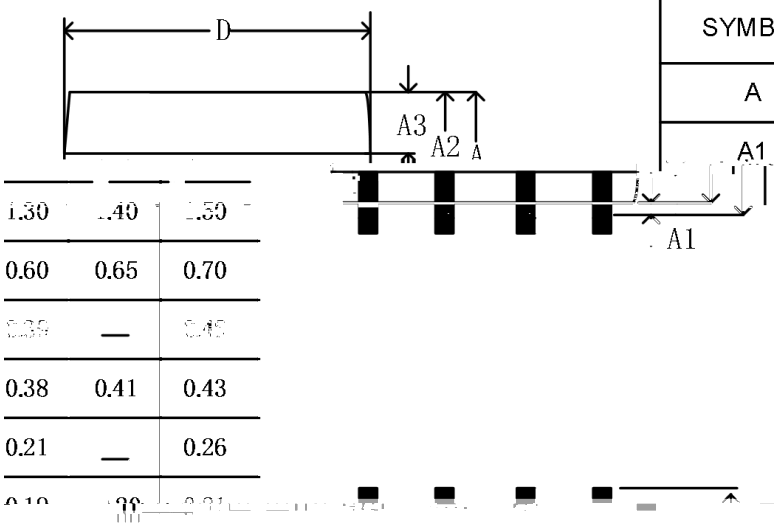
Reset ₮ ৲ Â ₮ ৲ Ь ṗ Vref ৲ ˘ Reset ṿ ৲ ч 4.3V Â

Reset ‖ t_{RD} ˘ pin4 C_T ʿḤ ₌ ˘ ʽE 6.1

$$= \frac{\times 2.0}{2.0} \qquad 6.1$$

ʽE 6.1˘ Reset ৲ ĩ C_T ₌ ˘ Ь C_T Â ĩ

ɐ˘ ˆ ϒ ˛ Çµ



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	—	—	1.75
A1	0.10	—	0.225
A2	1.30	1.40	1.50
A3	0.60	0.65	0.70
-	0.35	—	0.48
b1	0.38	0.41	0.43
c	0.21	—	0.26
c1	0.19	0.20	0.21





A	–	–	1.05
A1	0.00	–	0.10
A2	1. 30	1. 40	1. 50
A3	0.60	0.65	0.70
b	0.39	–	0.48
b1	0.38	0.41	0.43
c	0.09	–	0.25
c1	0.19	0.20	0.21
D	4.70	4.90	5.10
D1	3.10REF		
E	5.80	6.00	6.20
E1	4.30	4.40	4.50
E2	2.31REF		
e	0.65BSC		
L	0.50	0.60	0.70
L1	1.00REF		
θ	0°	4°	8°

H

MCP4949L5	SOP-8	MCP4949L5	2500pcs/Tape&Reel
MCP4949L50	ESOP-8	MCP4949L50	2500pcs/Tape&Reel