

MCP4949

LDO

MCP4949 5V LDO



MCP4949

100mA

42V



Reset

Sense



Sense

Reset



- 5.5V~42V
- 80uA
- 5V01%
- 100mA
- 0.4V
- Reset
- Sense
-
- AEC-Q100
- RoHs



ESOP-8



SOP-8

-
-
-
-



3-1 MCP4949L5/MCP4949L50

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

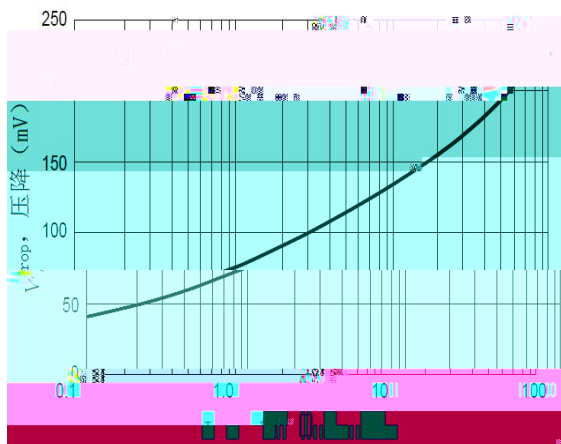
4.1 $T_A=25^{\circ}\text{C}$

		Min	Typ	Max	
	V_{CC}	5.5	-	42	V
	I_{out}			330	mA
	V_{out}	4.95	5	5.05	V
Sense	I_{SI}	-	0.1	-	mA
Sense	V_{SI}		V_{CC}	V_{CC}	
	V_Z				

Reset	$V_{CTth\ hys}$	-	100	-	mV
	$I_{Reset\ max}$	-	-	5	mA

SENSE

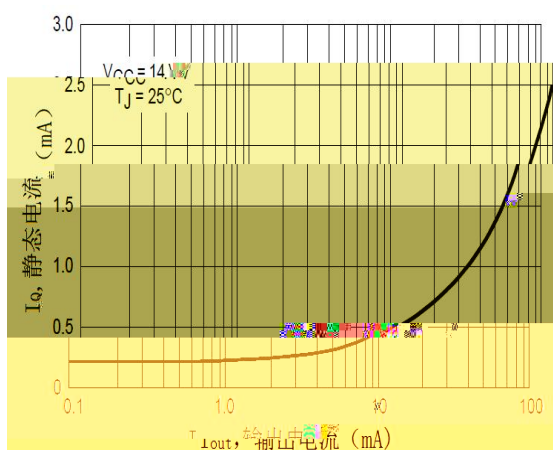
Sense	V_{SOth}
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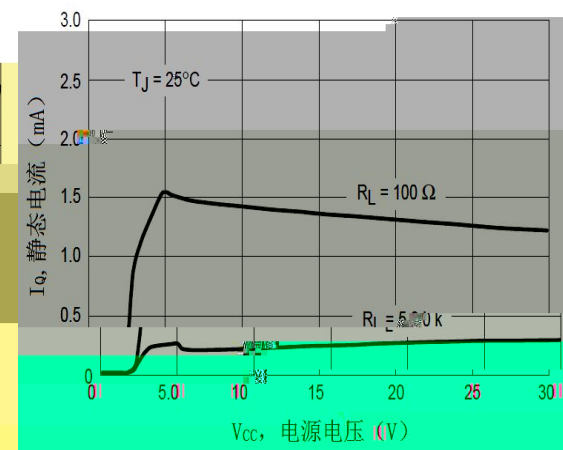
5-3



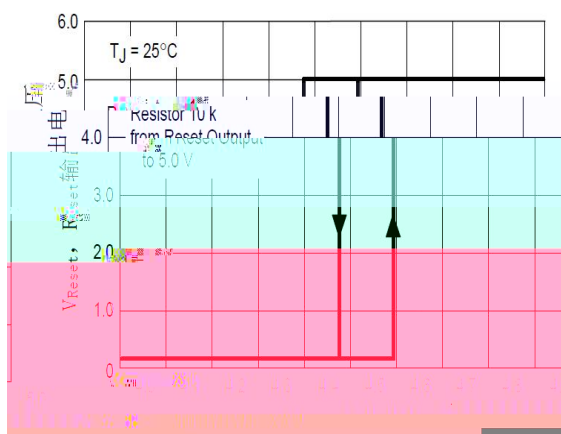
5-4



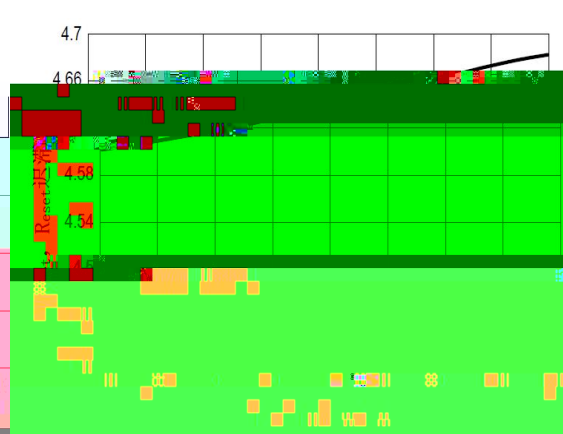
5-5



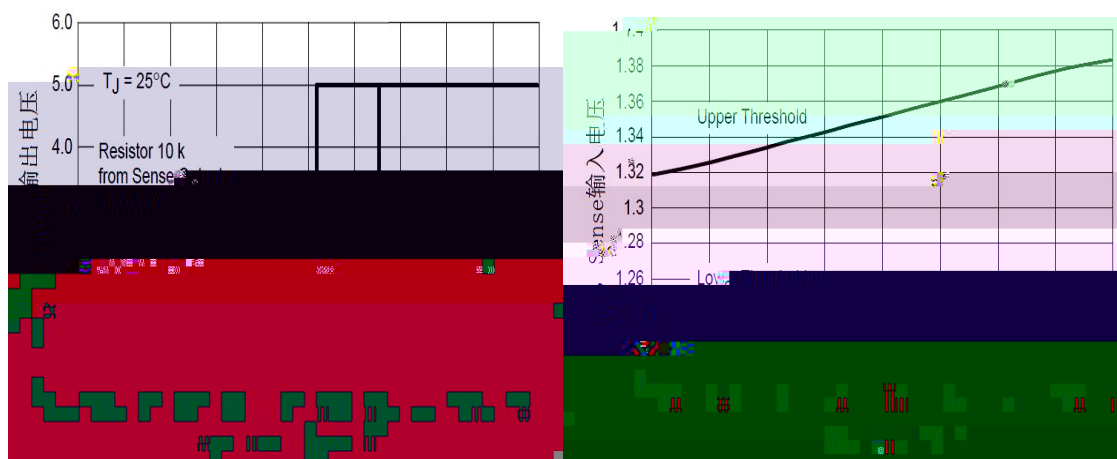
5-6



5-7 Reset



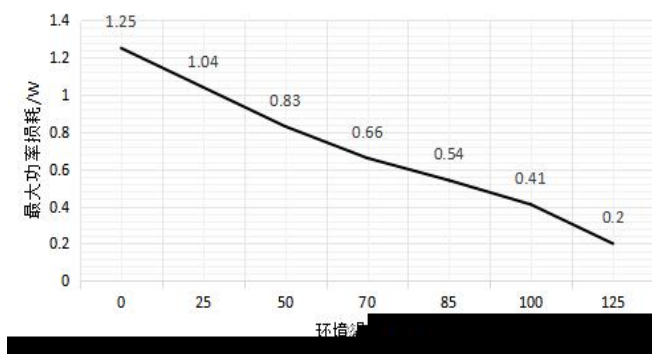
5-8 Reset



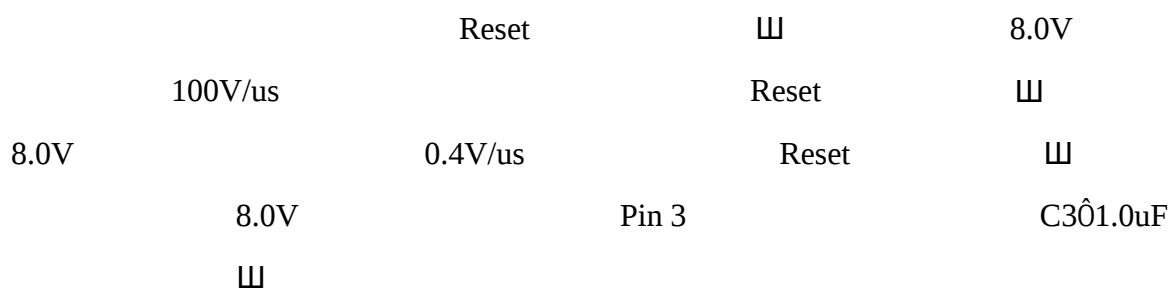
5-9 Sense

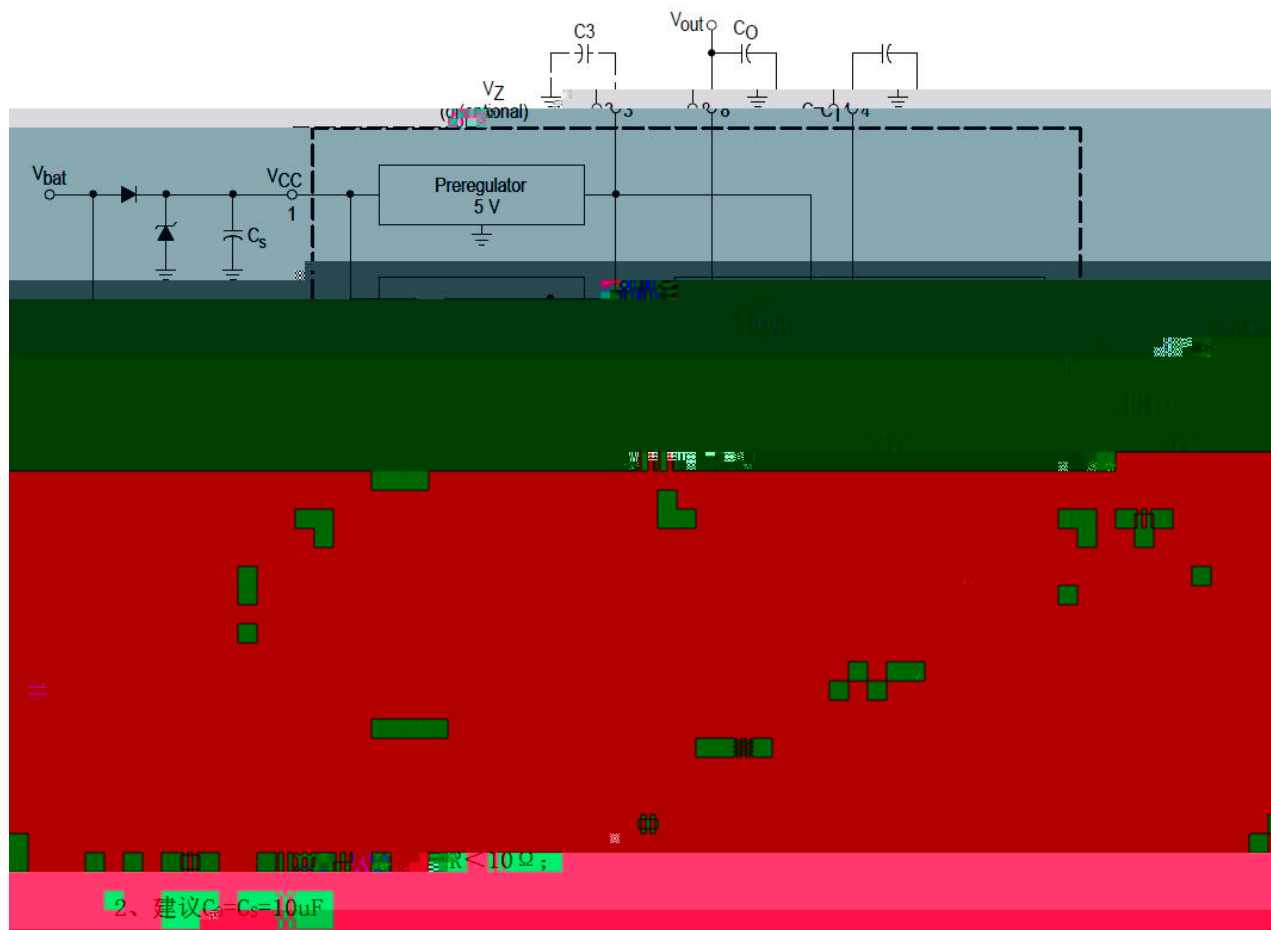
Sense

5-10 Sense



5-11

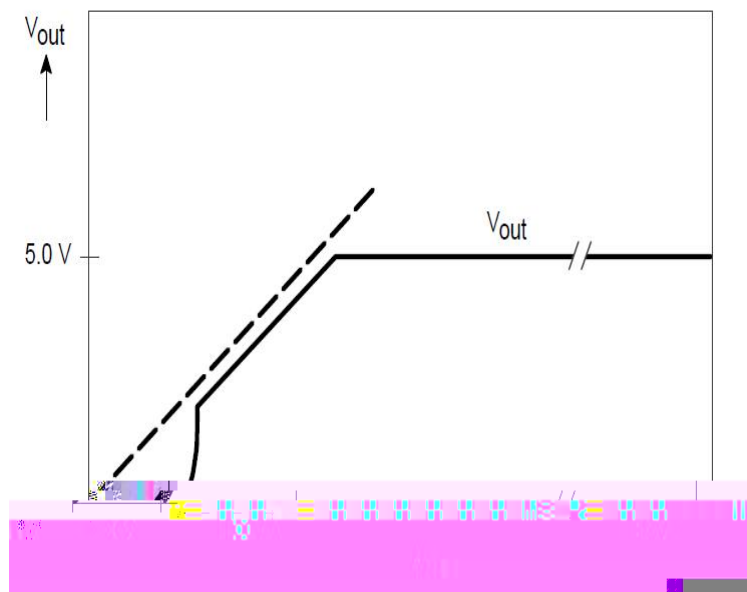




6-1 MCP4949L5/MCP4949L50

MCP4949 5V LDO ,
MCP4949

6.1



6-2

MCP4949

100uA

MCP4949

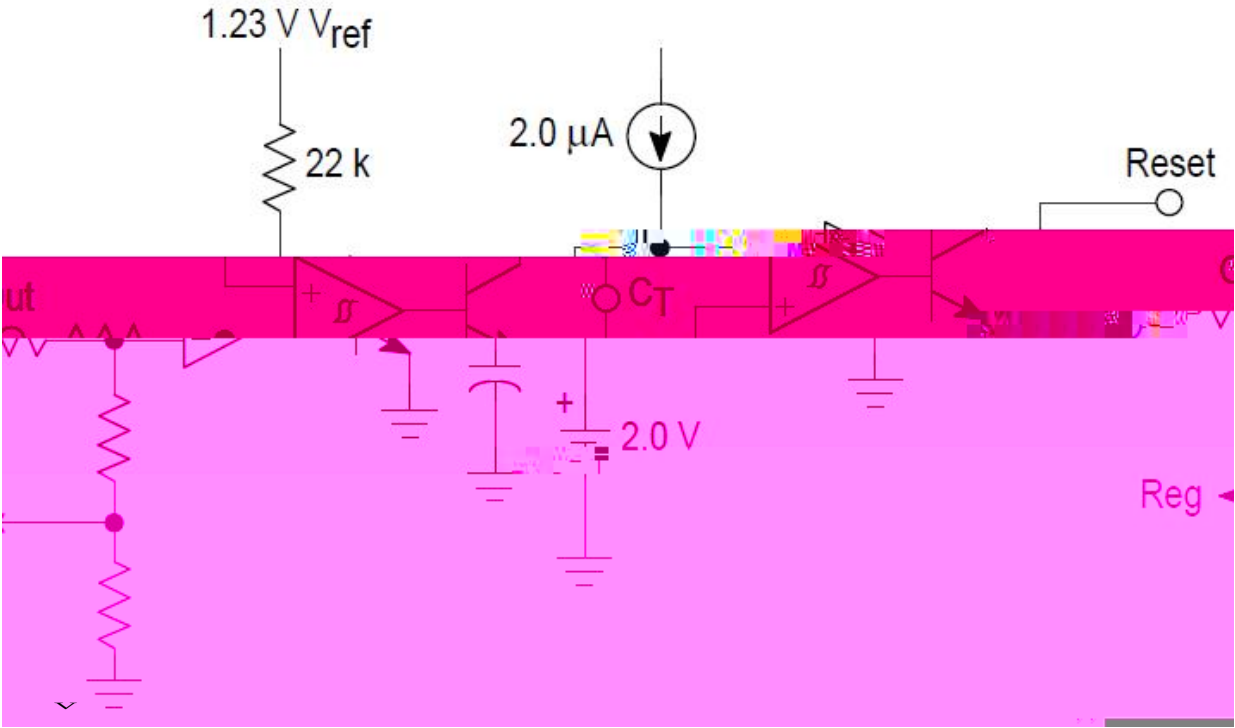
80uA

MCP4949

330mA

6.2

11 MCP4949 0 .. b



6-3 Reset

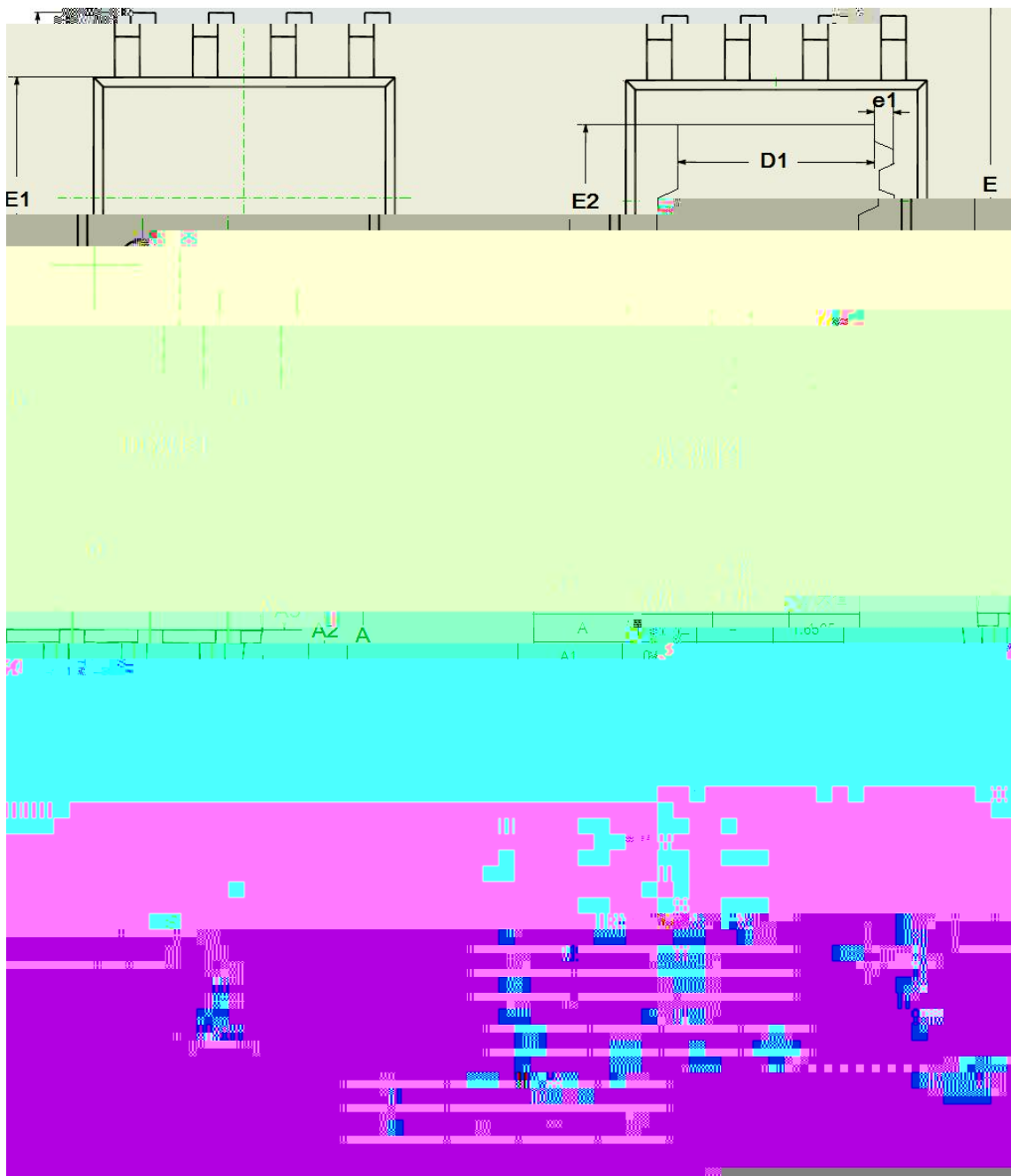
Reset	Ш	Vref	Reset
4.3VШ			
Reset	t _{RD}	pin4	C _T
			6.1
		$= \frac{\times 2.0}{2.0}$	6.1
6.1	Reset	C _T	C _T
			Ш

MCP4949

SOP-8



ESOP-8



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