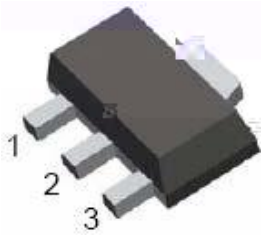

VI
3
78LXX
1
VO
2
C1
0.33μF
C0
0.1μF
GND


1
2
3

Parameter	Symbol	Test conditions	78L33HSI			UNIT
			MIN	TYP	MAX	
Output voltage	V_O	T_j=25 5.8 V_i 20V,I_O=1mA-40mA V_i=8.3V,I_O=1mA-70mA	3.168 3.135 3.135	3.3 - -	3.432 3.465 3.465	V
Load regulation	Reg_{load}	T_j=25 , I_O=1mA-100mA T_j=25 , I_O=1mA-40mA	-	-	60 30	mV
Line regulation	Reg_{line}	5.8 V_i 20V, T_j=25 6.3 V_i 20V, T_j=25	-	-	150 100	mV
Input Bias Current	I_{IB}					

Typical characteristics

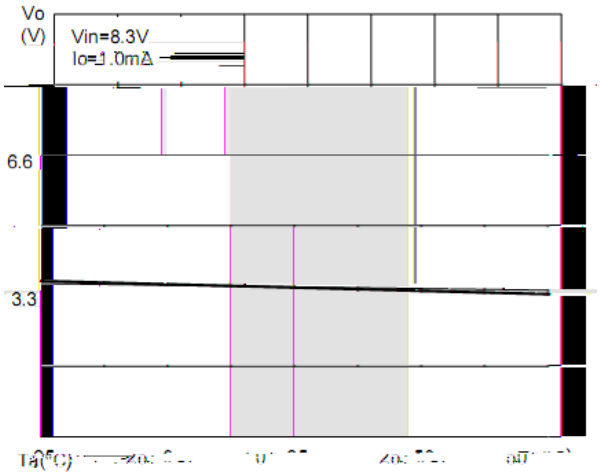


Fig1 .Output Voltage vs AmbientTemperature

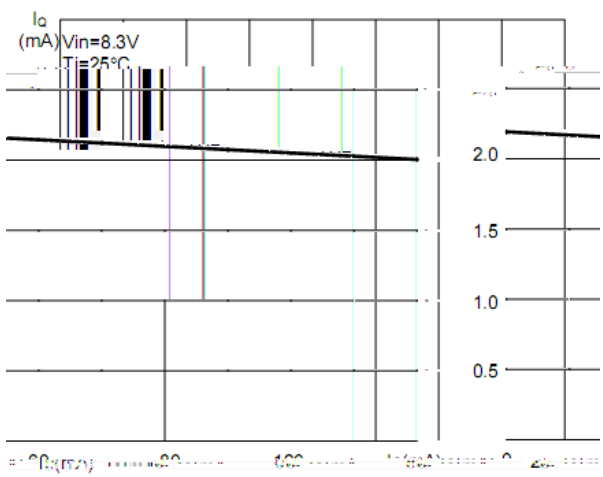


Figure 2. Quiescent Current vs Output Current

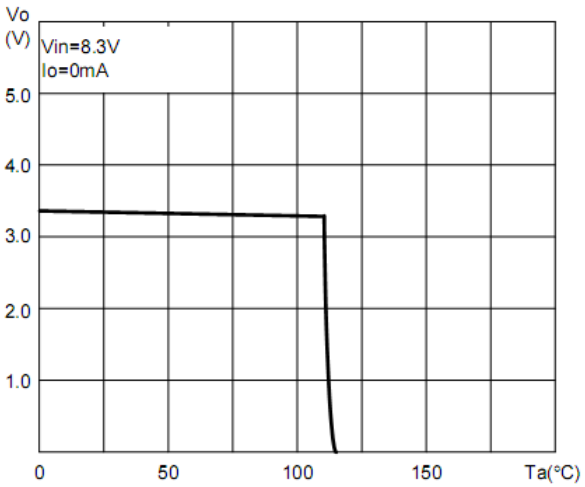


Figure 3 : Load Characteristics

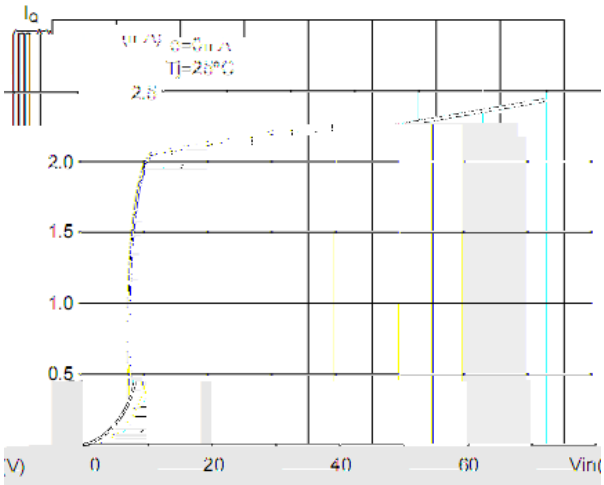


Figure 4 : Quiescent Current vs Input Voltage

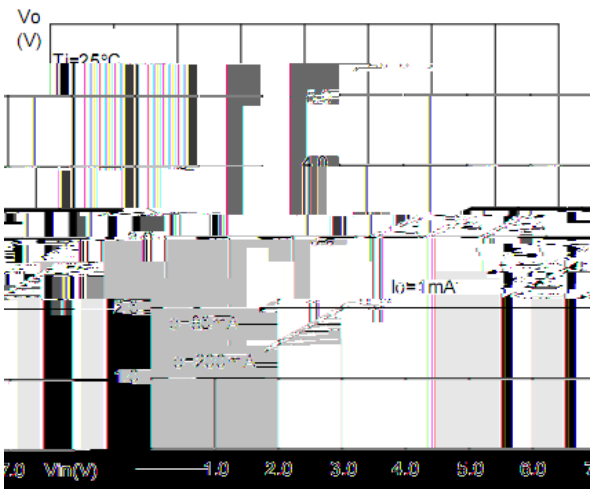


Figure5 : Thermal Shutdown

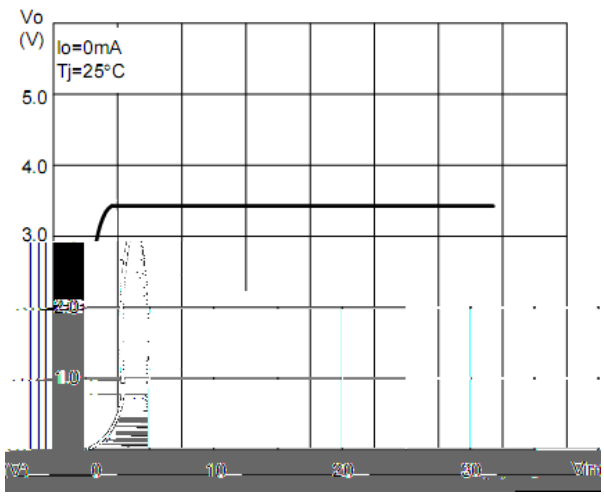


Figure 6 : Output Characteristics

	Tape/Reel,7”reel	1000pcs/Reel	6000PCS/Box 30000PCS/Carton S

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