

7KUHH WHUPLQDO SRVLWLYH YROWDJH UHJX

)( \$ 785 (6

"0D [LPXP RXWSXW FXUUHQW ,20 \$

"2XWSXW YROWDJH92 9

"&RQWLQXRXV WRWDO GLVVLSDWLRQ 3' :

DUFU a YhYf'	Gma Vc''	JU' iY'	I bjh'
Input Voltage	$V_i$		V
Thermal Resistance Junction to Ambient $R_{JA}$	$R_{JA}$		/W
Operating Junction Temperature Range	$T_{OPR}$	-40 to 125	/
Storage Temperature Range	$T_{STG}$	-65 to 150	/

DUFU a YhYf'	Gma Vc''	HYgh' WcbX]h]cbg'	A]b	Hmd'	AUI'	I bjh'
Output Voltage	$V_o$	25 /	4.8	5.0	5.2	V
		7V $V_i$ 20V, $I_o=5mA-1A$	-125 /	4.75	5.00	5.25
Load Regulation	$\Delta V_o$	$I_o=5mA-1.5A$	25 /	9	100	mV
		$I_o=250mA-750mA$	25 /	4	50	mV
Line Regulation	$\Delta V_o$	7V $V_i$ 25V	25 /	4	100	mV
		8V $V_i$ 12V	25 /	1.6	50	mV
Quiescent Current	$I_q$	25 /	5	8	8	mA
Quiescent Current Change	$\Delta I_q$	7V $V_i$ 25V	-125 /	0.3	1.3	mA
		5mA $I_o$ 1A	-125 /	0.03	0.5	mA
Output Noise Voltage	$V_N$	10Hz f 100KHz	25 /	42		V/ $V_o$
Output voltage drift	$\Delta V_o / \Delta T$	$I_o=5mA$	-125 /	-1.1		mV/
Ripple Rejection	RR	8V $V_i$ 18V, f=120Hz	-125 /	62	73	dB
Dropout Voltage	$V_d$	$I_o=1A$	25 /	2		V
Output resistance	$R_o$	f=1KHz	25 /	10		m
Short Circuit Current	$I_{sc}$		25 /	230		mA
Peak Current	$I_{pk}$		25 /	2.2		A

\* Pulse test.

