

Parameter	Symbol	Test conditions	Min	Typ	Max	Unit	
Output voltage	Vo		25°C	8.64	9.0	9.36	V
		12V Vi 24V, Io=1mA-40mA		8.55	9.0	9.45	V
		Io=1mA-70mA		8.55	9.0	9.45	V
Load Regulation	Vo	Io=1mA-100mA	25°C		19	90	mV
		Io=1mA-40mA	25°C		11	40	mV
Line regulation	Vo	12V Vi 24V	25°C		45	175	mV
		13V Vi 24V	25°C		40	125	mV
Quiescent Current	Iq		25°C		4.1	6.0	mA
Quiescent Current Change	Iq	13V Vi 24V				1.5	mA
	Iq	1mA Io 40mA				0.1	mA
Output Noise Voltage	VN	10Hz f 100KHz	25°C	58			
Ripple Rejection	RR	15V Vi 25V, f=120Hz			45		dB
Dropout Voltage	Vd		25°C		1.7		V

TYPICAL APPLICATION



Note : Bypass capacitors are recommended for optimum stability and transient response and should be located as close as possible to the IC pins.

