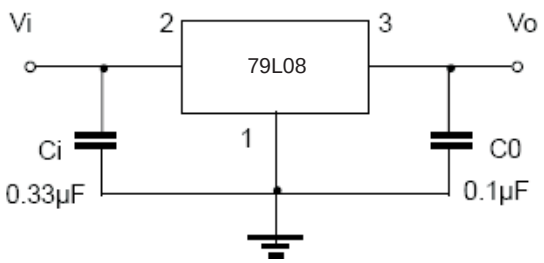
Three-Terminal Negative Voltage Regulator

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Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Output voltage	Vo	Tj=25℃	-7.7	-8.0	-8.3	V
		-10.5V≤VI≤-23V, Io=1mA-40mA	-7.6	-8.0	-8.4	V
		Io=1mA-70mA	-7.6	-8.0	-8.4	V
Load regulation	△Vo	Tj=25℃, Io=1mA-100mA		30	100	mV
		Tj=25℃, Io=1mA-40mA		15	50	mV
Line regulation	△Vo	-10.5V≤VI≤-23V, Tj=25℃		42	200	mV
		-11V≤VI≤-23V, Tj=25℃		36	150	mV
Quiescent current	Iq	25℃		4	6	mA
	△Iq	0℃<Tj<125℃, -11V≤VI≤-23V			1.5	mA
	△Iq	0℃<Tj<125℃,1mA≤Io≤40mA			0.1	mA
Output noise voltage	VN	10Hz≤f≤100KHz,Tj=25℃		54		uV
Ripple rejection	RR	-11V≤VI≤-21V,f=120Hz	37	46		dB
Dropout voltage	Vd	Tj=25℃		1.7		VQuiescent current change



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