

LM7912CT
3-TERMINAL NEGATIVE VOLTAGE REGULATOR

Absolute Maximum Ratings:	Input Voltage	-35 V
	Internal Power Dissipation	Internally Limited
	Operating Junction Temperature Range	0°C to +150°C

Electrical Characteristics: $V_{IN}=-19V$, $I_{OUT}=500mA$, $T_j=25^{\circ}C$, $C_{IN}=2.0\mu F$, $C_{OUT}=1.0\mu F$
(unless otherwise specified)

Case TO-220

Characteristics	Test Condition	Min	Typ.	Max	Unit
Output Voltage		-11.5	-12.0	-12.5	V
Line Regulation	-14.5V $\ll V_{IN} \ll$ -30V	-	-	240	mV
	-16V $\ll V_{IN} \ll$ -22V	-	-	120	mV
Load Regulation	5.0mA $\ll I_{OUT} \ll$ 1.5A	-	-	240	mV
	250mA $\ll I_{OUT} \ll$ 750mA	-	-	120	mV
Quiescent Current		-	-	3.0	mA
Dropout Voltage	$I_{OUT}=1.0A$	-	1.1	-	V
Peak Output Current			2.1	-	A