

FIXED NEGATIVE OUTPUT REGULATORS

Nominal Output Voltage	Maximum Output Current (I _O)	Device	Output Voltage (V _O)		Input Voltage (V _{in})		V _{in} For 2/3 I _O Max.	
			Min.	Max.	Min.	Max.	Min.	Max.
3 V	100 mA	MC79L03C	- 2.7 V	- 3.3 V	- 4.7 V	-30 V		
5 V	100 mA	MC79L05C	- 4.5 V	- 5.5 V	- 6.7 V	-30 V		
12 V	100 mA	MC79L12C	-10.8 V	-13.2 V	-13.7 V	-35 V		
15 V	100 mA	MC79L15C	-13.7 V	-16.5 V	-16.7 V	-35 V		
18 V	100 mA	MC79L18C	-16.2 V	-19.8 V	-18.7 V	-35 V		
24 V	100 mA	MC79L24C	-21.4 V	-26.4 V	-25.7 V	-40 V		
3 V	100 mA	MC79L03AC	- 2.85V	- 3.15V	- 4.7 V	-30 V		
5 V	100 mA	MC79L05AC	- 4.75V	- 5.25V	- 6.7 V	-30 V		
12 V	100 mA	MC79L12AC	-11.4 V	-12.6 V	-13.7 V	-35 V		
15 V	100 mA	MC79L15AC	-14.25V	-15.74V	-16.75V	-35 V		
18 V	100 mA	MC79L18AC	-17.1 V	-18.9 V	-19.7 V	-35 V		
24 V	100 mA	MC79L24AC	-22.8 V	-25.2 V	-25.7 V	-40 V		
2 V	1.5 A	MC7902C	- 1.9 V	- 2.1 V	- 5.5 V	-35 V	- 5.5V	-19 V
5 V	1.5 A	MC7905C	- 4.75V	- 5.25V	- 7 V	-35 V	- 7 V	-22 V
5.2V	1.5 A	MC7905.2C	- 4.94V	- 5.46V	- 7.2 V	-35 V	- 7.2V	-22.2V
6 V	1.5 A	MC7906C	- 5.7 V	- 6.3 V	- 8 V	-35 V	- 8 V	-23 V
8 V	1.5 A	MC7908C	- 7.6 V	- 8.4 V	-10 V	-35 V	-10 V	-25 V
12 V	1.5 A	MC7912C	-11.4 V	-12.6 V	-14 V	-35 V	-14 V	-29 V
15 V	1.5 A	MC7915C	-14.25V	-15.75V	-17 V	-35 V	-17 V	-32 V
18 V	1.5 A	MC7918C	-17.1 V	-18.9 V	-20 V	-35 V	-20 V	-35 V
24 V	1.5 A	MC7924C	-22.8 V	-25.2 V	-26 V	-40 V	-26 V	-40 V

* I_O(Max) can be obtained over the full input voltage range as long P_O(Max) and T_j(Max) are not exceeded.
Power dissipation: Internally Limited

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SPECIALITY REGULATORS

FLOATING REGULATORS

Device	Output Voltage (V _O)		Max. Output Current I _O Max.	Input Voltage (V _{in})		Line Regulation %/o V _O
	Min.	Max.		Min.	Max.	
MC1566L	0	*	* *	20 V	35 V	.01%/o+ 1mV
MC1466L	0	*	* *	21 V	30 V	.03%/o+ 3mV

TRACKING REGULATORS

MC1568G	±14.8V	±15.2V	±100mA	±17V	±30V	.13%/o
MC1568L	±14.8V	±15.2V	±100mA	±17V	±30V	.13%/o
MC1568R	±14.8V	±15.2V	±100mA	±17V	±30V	.13%/o
MC1468G	±14.5V	±15.5V	±100mA	±17V	±30V	.13%/o
MC1468L	±14.5V	±15.5V	±100mA	±17V	±30V	.13%/o
MC1468R	±14.5V	±15.5V	±100mA	±17V	±30V	.13%/o

*Maximum obtainable output current and voltage are dependent only on the characteristics of the external pass element.

Line Reg.	Load Reg.	Temp. Coeff. of V_{out} (typical)	T_j		PKG. Case
			Min.	Max.	
80 mV	72 mV	$\pm .6\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
200 mV	60 mV	$\pm .1\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
250 mV	100 mV	$\pm .24\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
300 mV	150 mV	$\pm .3\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
325 mV	170 mV	$\pm .36\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
350 mV	200 mV	$\pm .48\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
60 mV	72 mV	$\pm .06\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
150 mV	60 mV	$\pm .1\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
250 mV	100 mV	$\pm .24\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
300 mV	150 mV	$\pm .3\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
325 mV	170 mV	$\pm .36\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
350 mV	200 mV	$\pm .48\text{mV}/^\circ\text{C}$	0°C	150°C	79, 29
40 mV	120 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
100 mV	100 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
105 mV	105 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
120 mV	120 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
160 mV	160 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
240 mV	240 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
300 mV	300 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
360 mV	360 mV	$\pm 11\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11
480 mV	480 mV	$\pm 1\text{ mV}/^\circ\text{C}$	0°C	150°C	199, 11

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Load Regulation $\% V_O$	Current Regulation	Typical TC of V_O	P_D Max.	Package
$.01\%/^\circ + 1\text{mV}$ $.03\%/^\circ + 3\text{mV}$	$.1\%/^\circ + 1\text{mA}$ $.1\%/^\circ + 1\text{mA}$	$\pm .006\%/^\circ\text{C}$ $\pm .01\%/^\circ\text{C}$	$.75\text{ W}$ $.75\text{ W}$	632 632
$.2\%/^\circ$		$\pm .006\%/^\circ\text{C}$	$.8\text{W}$	603
$.2\%/^\circ$		$\pm .006\%/^\circ\text{C}$	1.0W	632
$.2\%/^\circ$		$\pm .006\%/^\circ\text{C}$	2.4W	614
$.2\%/^\circ$		$\pm .013\%/^\circ\text{C}$	$.8\text{W}$	603
$.2\%/^\circ$		$\pm .013\%/^\circ\text{C}$	1.0W	632
$.2\%/^\circ$		$\pm .013\%/^\circ\text{C}$	2.4W	614