

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ABSOLUTE MAXIMUM RATINGS

(Voltages Referenced to GND)

IN	-0.3V to +13.5V
OUT	-0.3V to ($V_{IN} + 0.3V$)
Output Short-Circuit to GND or IN ($V_{IN} < 6V$)	Continuous
Output Short-Circuit to GND or IN ($V_{IN} \geq 6V$)	60s

Continuous Power Dissipation ($T_A = +70^\circ C$)

3-Pin SOT23 (derate 4.0mW/ $^\circ C$ above $+70^\circ C$).....320mW

Operating Temperature Range-40 $^\circ C$ to +85 $^\circ C$

Storage Temperature Range-65 $^\circ C$ to +150 $^\circ C$

Lead Temperature (soldering, 10s)+300 $^\circ C$

Stresses beyond those listed under "Absolute Maximum Ratings" may cause permanent damage to the device. These are stress ratings only, and functional operation of the device at these or any other conditions beyond those indicated in the operational sections of the specifications is not implied. Exposure to absolute maximum rating conditions for extended periods may affect device reliability.

ELECTRICAL CHARACTERISTICS—MAX6101, $V_{OUT} = 1.25V$

($V_{IN} = 5V$, $I_{OUT} = 0$, $T_A = T_{MIN}$ to T_{MAX} , unless otherwise noted. Typical values are at $T_A = +25^\circ C$.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V_{OUT}	$T_A = +25^\circ C$	1.245	1.250	1.255	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV_{OUT}	0 $^\circ C$ to +70 $^\circ C$		65		ppm/ $^\circ C$
		-40 $^\circ C$ to +85 $^\circ C$		75		
Line Regulation	$\Delta V_{OUT}/\Delta V_{IN}$	2.5V $\leq V_{IN} \leq 12.6V$		90		$\mu V/V$
Load Regulation	$\Delta V_{OUT}/\Delta I_{OUT}$	Sourcing: 0 $\leq I_{OUT} \leq 5mA$		0.9		mV/mA
		Sinking: -2mA $\leq I_{OUT} \leq 0$		3.0		
OUT Short-Circuit Current	I_{SC}	Short to GND		110		mA
		Short to IN		12		
Long-Term Stability	$\Delta V_{OUT}/\text{time}$	1000hr at +25 $^\circ C$		50		ppm/1000hr
Output Voltage Hysteresis (Note 4)	$\Delta V_{OUT}/\text{cycle}$			130		ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e_{OUT}	f = 0.1Hz to 10Hz		13		μV_{P-P}
		f = 10Hz to 10kHz		15		μV_{RMS}
Ripple Rejection	$\Delta V_{OUT}/\Delta V_{IN}$	$V_{IN} = 5V \pm 100mV$, f = 120Hz		86		dB
Turn-On Settling Time	t_R	To $V_{OUT} = 0.1\%$ of final value, $C_{OUT} = 50pF$		50		μs
INPUT CHARACTERISTICS						
Supply Voltage Range	V_{IN}	Guaranteed by line-regulation test	2.5	12.6		V
Quiescent Supply Current	I_{IN}			90	125	μA
Change in Supply Current	I_{IN}/V_{IN}	2.5V $\leq V_{IN} \leq 12.6V$		4	8	$\mu A/V$

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6100, V_{OUT} = 1.8V

(V_{IN} = 5V, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	1.793	1.800	1.807	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	2.5V ≤ V _{IN} ≥ 12.6V		200		μV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA		0.9		mV/mA
		Sinking: -2mA ≤ I _{OUT} ≤ 0		4.0		
OUT Short-Circuit Current	I _{SC}	Short to GND	110			mA
		Short to IN	12			
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C		50		ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle			130		ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	22			μV _{P-P}
		f = 10Hz to 10kHz	25			μVRMS
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V, ±100mV, f = 120Hz	86			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	100			μs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	2.5	12.6		V
Quiescent Supply Current	I _{IN}		90	125		μA
Change in Supply Current	I _{IN} /V _{IN}	2.5V ≤ V _{IN} ≤ 12.6V	4	8		μA/V

MAX6100-MAX6107

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6106, V_{OUT} = 2.048V

(V_{IN} = 5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	2.040	2.048	2.056	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C			65	ppm/°C
		-40°C to +85°C			75	
Line Regulation	ΔV _{OUT} / ΔV _{IN}	2.5V ≤ V _{IN} ≥ 12.6V			200	µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing : 0 ≤ I _{OUT} ≤ 5mA			0.9	mV/mA
		Sinking: -2mA ≤ I _{OUT} ≤ 0			4.0	
OUT Short-Circuit Current	I _{SC}	Short to GND		110		mA
		Short to IN		12		
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C		50		ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle			130		ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz		22		µV _{P-P}
		f = 10Hz to 10kHz		25		µVRMS
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V ± 100mV, f = 120Hz		86		dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF		100		µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	2.5	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN} / V _{IN}	2.5 ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6102, V_{OUT} = 2.50V

(V_{IN} = 5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	2.490	2.50	2.510	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V		300		µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA Sinking: -2mA ≤ I _{OUT} ≤ 0		0.9	5.0	mV/mA
Dropout Voltage (Note 5)	V _{IN} - V _{OUT}	I _{OUT} = 1mA	50	200		
OUT Short-Circuit Current	I _{SC}	Short to GND Short to IN	110	12		mA
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C		50		
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle			130		ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	27			µV _{P-P}
		f = 10Hz to 10kHz	30			µVRMS
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V ±100mV, f = 120Hz	86			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	115			µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	V _{OUT} + 0.2	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN} /V _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6103, V_{OUT} = 3.0V

(V_{IN} = 5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	2.988	3.000	3.012	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V		400		µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA Sinking: -2mA ≤ I _{OUT} ≤ 0		0.9	6.0	mV/mA
Dropout Voltage (Note 5)	V _{IN} - V _{OUT}	I _{OUT} = 1mA	50	200		
OUT Short-Circuit Current	I _{SC}	Short to GND Short to IN	110	12		mA
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C		50		ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle			130		ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	35			µV _{P-P}
		f = 10Hz to 10kHz	40			µV _{RMS}
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V ±100mV, f = 120Hz	76			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	115			µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	V _{OUT} + 0.2	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN} /V _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6104, V_{OUT} = 4.096V

(V_{IN} = 5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	4.080	4.096	4.112	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V		430		µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA		0.9		mV/mA
		Sinking: -2mA ≤ I _{OUT} ≤ 0		8.0		
Dropout Voltage (Note 5)	V _{IN} - V _{OUT}	I _{OUT} = 1mA	50	200		mV
OUT Short-Circuit Current	I _{SC}	Short to GND	110			mA
		Short to IN	12			
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C	50			ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle		130			ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	50			µV _{P-P}
		f = 10Hz to 10kHz	50			µVRMS
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V ±100mV, f = 120Hz	72			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	190			µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	V _{OUT} + 0.2	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN/VIN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6107, V_{OUT} = 4.5V

(V_{IN} = 5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	4.482	4.500	4.518	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V		550		µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA		0.9		mV/mA
		Sinking: -2mA ≤ I _{OUT} ≤ 0		8.0		
Dropout Voltage (Note 5)	V _{IN} - V _{OUT}	I _{OUT} = 1mA	50	200		mV
OUT Short-Circuit Current	I _{SC}	Short to GND	110			mA
		Short to IN	12			
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C	50			ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle		130			ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	55			µV _{P-P}
		f = 10Hz to 10kHz	55			µV _{RMS}
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 5V ±100mV, f = 120Hz	70			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	230			µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	V _{OUT} + 0.2	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN} /V _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

ELECTRICAL CHARACTERISTICS—MAX6105, V_{OUT} = 5.000V

(V_{IN} = 5.5V, I_{OUT} = 0, T_A = T_{MIN} to T_{MAX}, unless otherwise noted. Typical values are at T_A = +25°C.) (Note 1)

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Output Voltage	V _{OUT}	T _A = +25°C	4.980	5.000	5.020	V
Output Voltage Temperature Coefficient (Notes 2, 3)	TCV _{OUT}	0°C to +70°C		65		ppm/°C
		-40°C to +85°C		75		
Line Regulation	ΔV _{OUT} / ΔV _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V		550		µV/V
Load Regulation	ΔV _{OUT} / ΔI _{OUT}	Sourcing: 0 ≤ I _{OUT} ≤ 5mA		0.9		mV/mA
		Sinking: -2mA ≤ I _{OUT} ≤ 0		10		
Dropout Voltage (Note 5)	V _{IN} - V _{OUT}	I _{OUT} = 1mA	50	200		mV
OUT Short-Circuit Current	I _{SC}	Short to GND	110			mA
		Short to IN	12			
Long-Term Stability	ΔV _{OUT} / time	1000hr at +25°C	50			ppm/ 1000hr
Output Voltage Hysteresis (Note 4)	ΔV _{OUT} / cycle		130			ppm
DYNAMIC CHARACTERISTICS						
Noise Voltage	e _{OUT}	f = 0.1Hz to 10Hz	60			µV _{P-P}
		f = 10Hz to 10kHz	60			µVRMS
Ripple Rejection	ΔV _{OUT} / ΔV _{IN}	V _{IN} = 6V ±100mV, f = 120Hz	65			dB
Turn-On Settling Time	t _R	To V _{OUT} = 0.1% of final value, C _{OUT} = 50pF	300			µs
INPUT CHARACTERISTICS						
Supply Voltage Range	V _{IN}	Guaranteed by line-regulation test	V _{OUT} + 0.2	12.6		V
Quiescent Supply Current	I _{IN}		90	125		µA
Change in Supply Current	I _{IN} /V _{IN}	(V _{OUT} + 0.2V) ≤ V _{IN} ≤ 12.6V	4	8		µA/V

Note 1: Devices are 100% production tested at T_A = +25°C and are guaranteed by design from T_A = T_{MIN} to T_{MAX} by correlation to sample units characterized over temperature.

Note 2: Temperature coefficient is specified by the “box” method, i.e., the maximum ΔV_{OUT} is divided by the maximum Δt.

Note 3: Not production tested. Guaranteed by design.

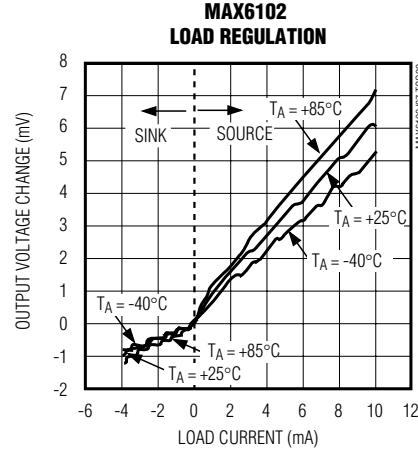
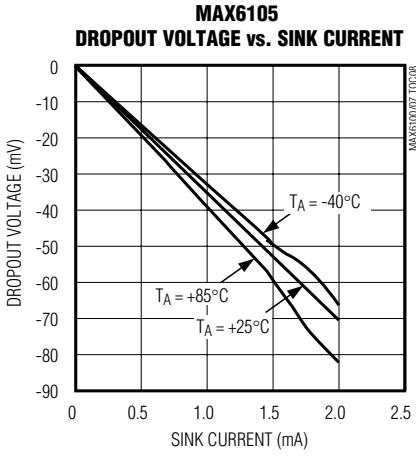
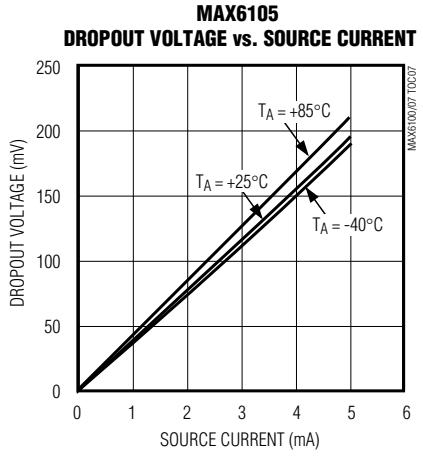
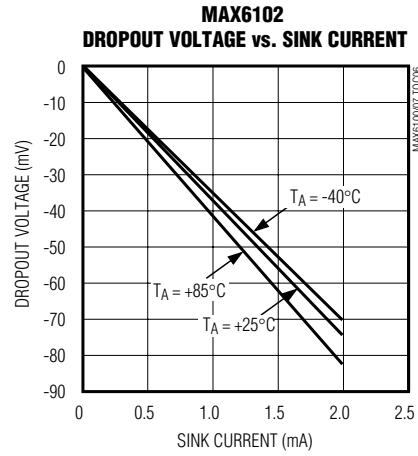
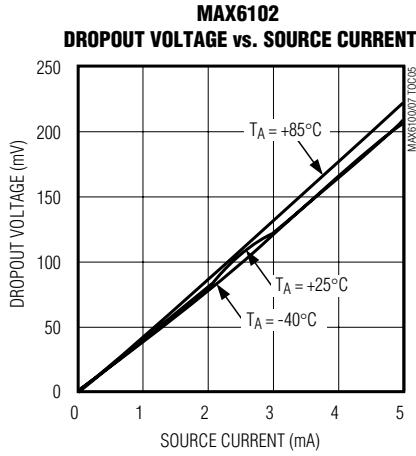
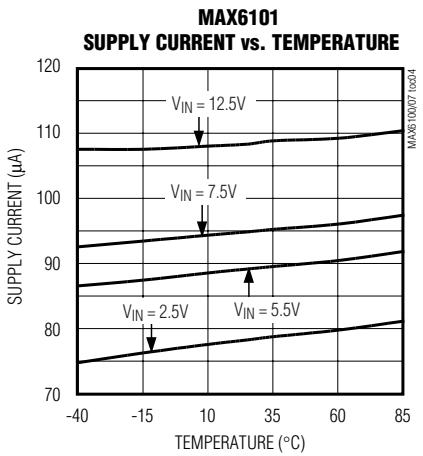
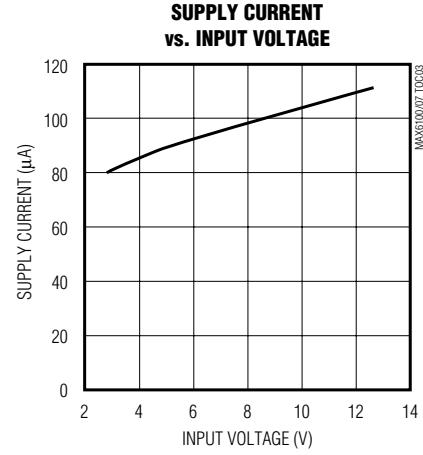
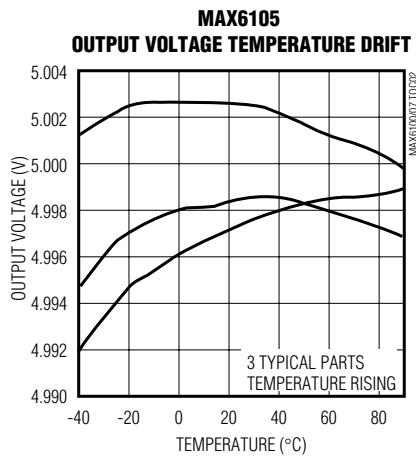
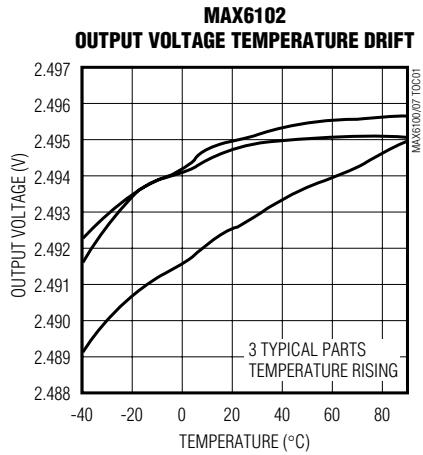
Note 4: Thermal hysteresis is defined as the change in +25°C output voltage before and after temperature cycling of the device from T_A = T_{MIN} to T_{MAX}.

Note 5: Dropout voltage is the minimum input voltage at which V_{OUT} changes ≤ 0.2% from V_{OUT} at V_{IN} = 5.0V (V_{IN} = 5.5V for MAX6105).

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

Typical Operating Characteristics

($T_A = +25^\circ\text{C}$, unless otherwise noted.)

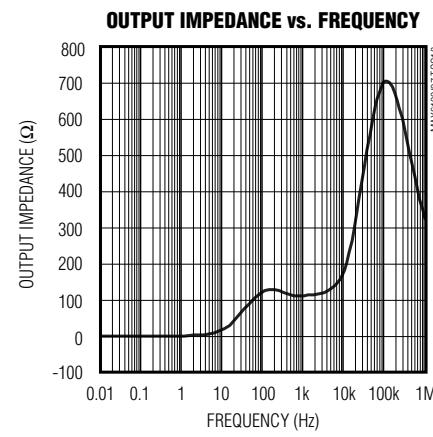
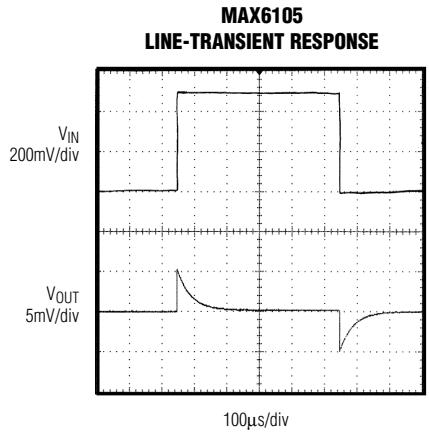
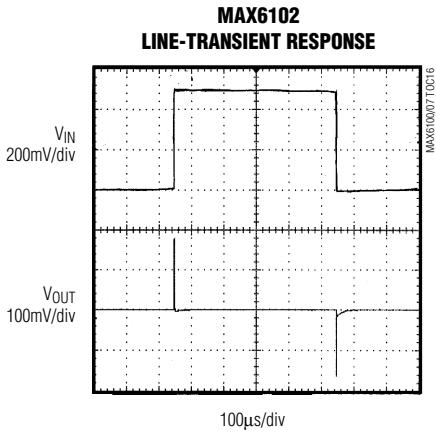
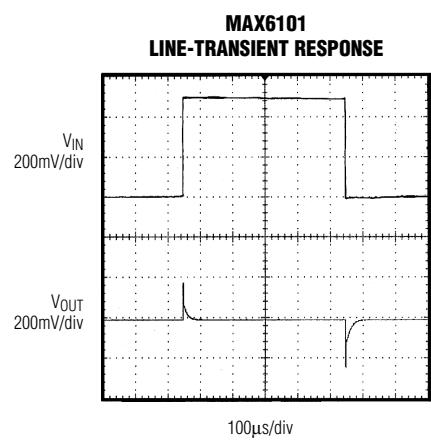
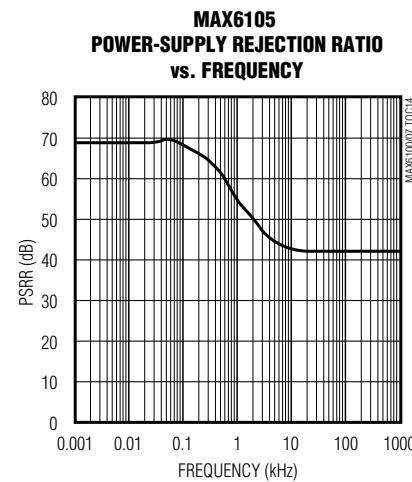
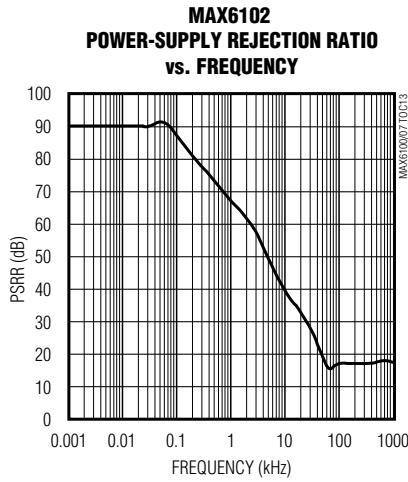
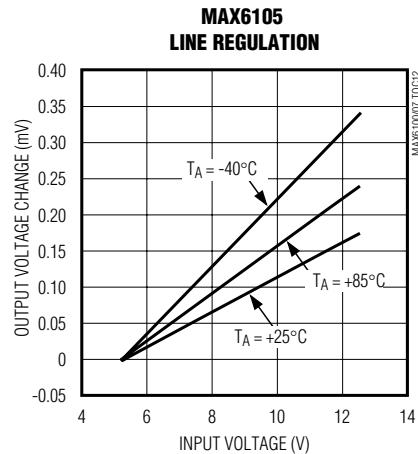
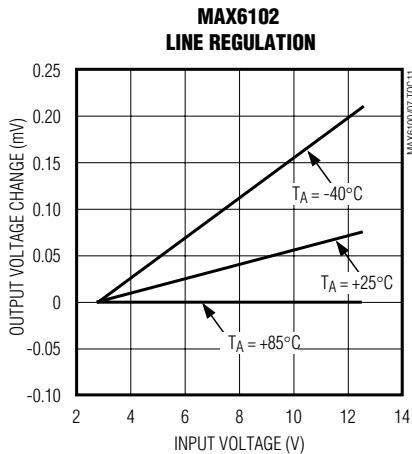
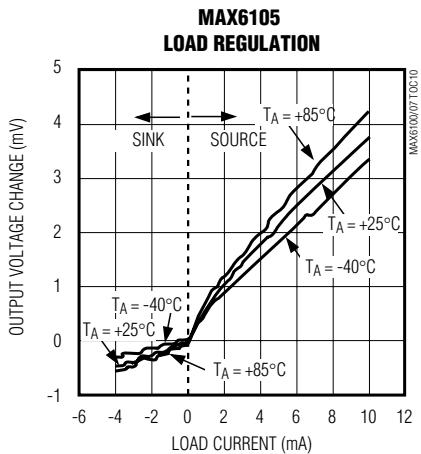


Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

Typical Operating Characteristics (continued)

($T_A = +25^\circ\text{C}$, unless otherwise noted.)

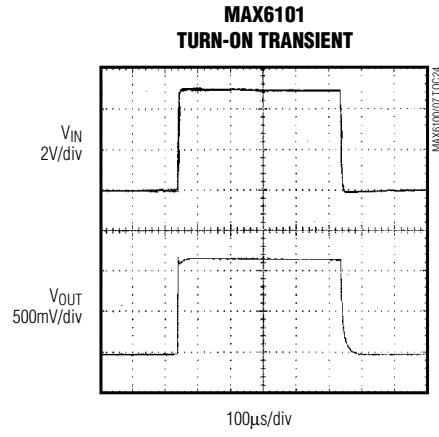
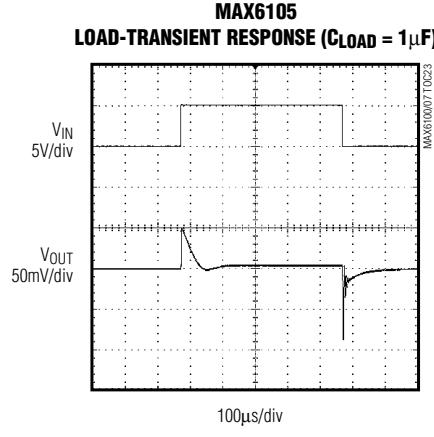
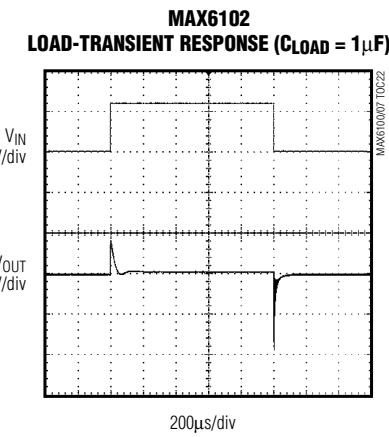
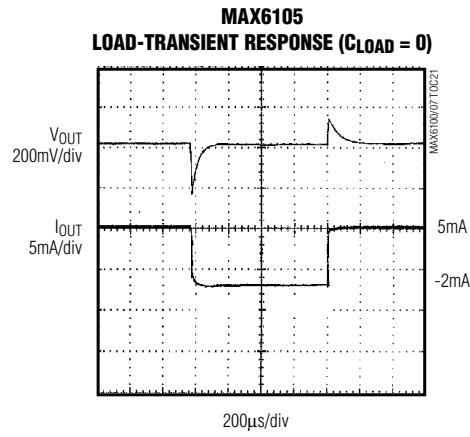
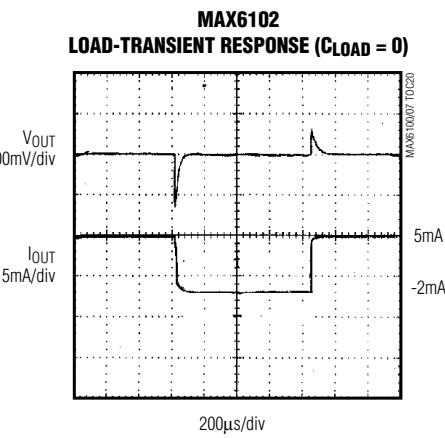
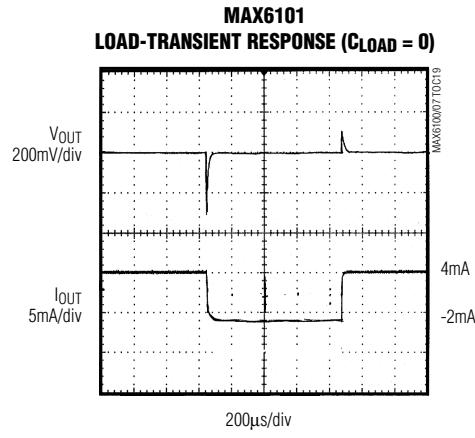
MAX6100-MAX6107



Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

Typical Operating Characteristics (continued)

($T_A = +25^\circ\text{C}$, unless otherwise noted.)

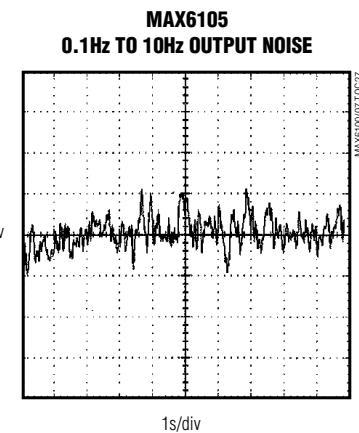
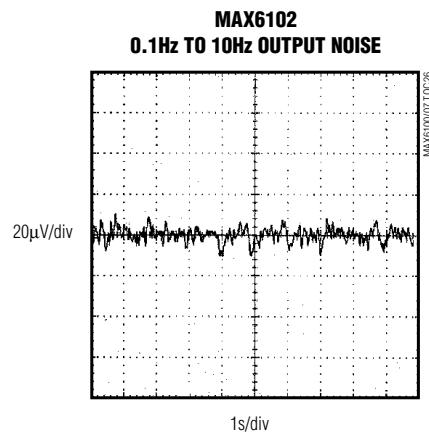
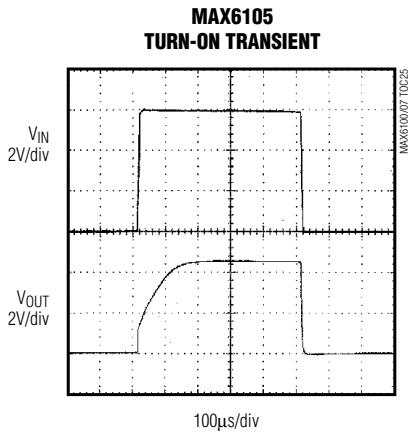


Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

Typical Operating Characteristics (continued)

($T_A = +25^\circ\text{C}$, unless otherwise noted.)

MAX6100-MAX6107



Pin Description

PIN	NAME	FUNCTION
1	IN	Input Voltage
2	OUT	Reference Output
3	GND	Ground

Applications Information

Input Bypassing

For the best line-transient performance, decouple the input with a $0.1\mu\text{F}$ ceramic capacitor as shown in the *Typical Operating Circuit*. Locate the capacitor as close to IN as possible. Where transient performance is less important, no capacitor is necessary.

Output/Load Capacitance

Devices in the MAX6100 family do not require an output capacitance for frequency stability. They are stable for any capacitive load when sourcing less than $200\mu\text{A}$. When sourcing greater than $200\mu\text{A}$, the output may become unstable with capacitive loads between 0.5nF and 50nF . In applications where the load or the supply can experience step changes, an output capacitor reduces the amount of overshoot (undershoot) and improves the circuit's transient response. Many applications do not require an external capacitor, and the MAX6100 family can offer a significant advantage in these applications when board space is critical.

Supply Current

The quiescent supply current of the series-mode MAX6100 family is typically $90\mu\text{A}$ and is virtually independent of the supply voltage, with only an $8\mu\text{A/V}$ (max) variation with supply voltage. Unlike series references, shunt-mode references operate with a series resistor connected to the power supply. The quiescent current of a shunt-mode reference is thus a function of the input voltage. Additionally, shunt-mode references have to be biased at the maximum-expected load current, even if the load current is not present at the time. In the MAX6100 family, the load current is drawn from the input voltage only when required, so supply current is not wasted and efficiency is maximized at all input voltages. This improved efficiency reduces power dissipation and extends battery life. When the supply voltage is below the minimum specified input voltage (as during turn-on), the devices can draw up to $400\mu\text{A}$ beyond the nominal supply current. The input voltage source must be capable of providing this current to ensure reliable turn-on.

Output Voltage Hysteresis

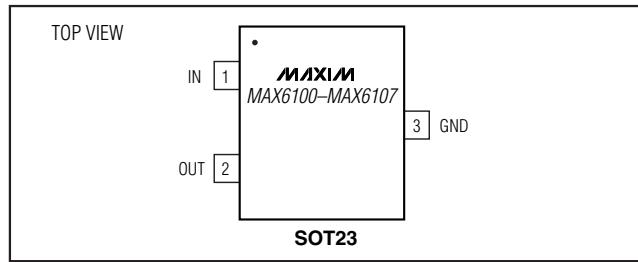
Output voltage hysteresis is the change of output voltage at $T_A = +25^\circ\text{C}$ before and after the device is cycled over its entire operating temperature range. Hysteresis is caused by differential package stress appearing across the bandgap core transistors. The typical temperature hysteresis value is 130ppm.

Low-Cost, Micropower, Low-Dropout, High-Output-Current, SOT23 Voltage References

Turn-On Time

These devices typically turn on and settle to within 0.1% of their final value in 50 μ s to 300 μ s. The turn-on time can increase up to 1.5ms with the device operating at the minimum dropout voltage and the maximum load.

Pin Configuration

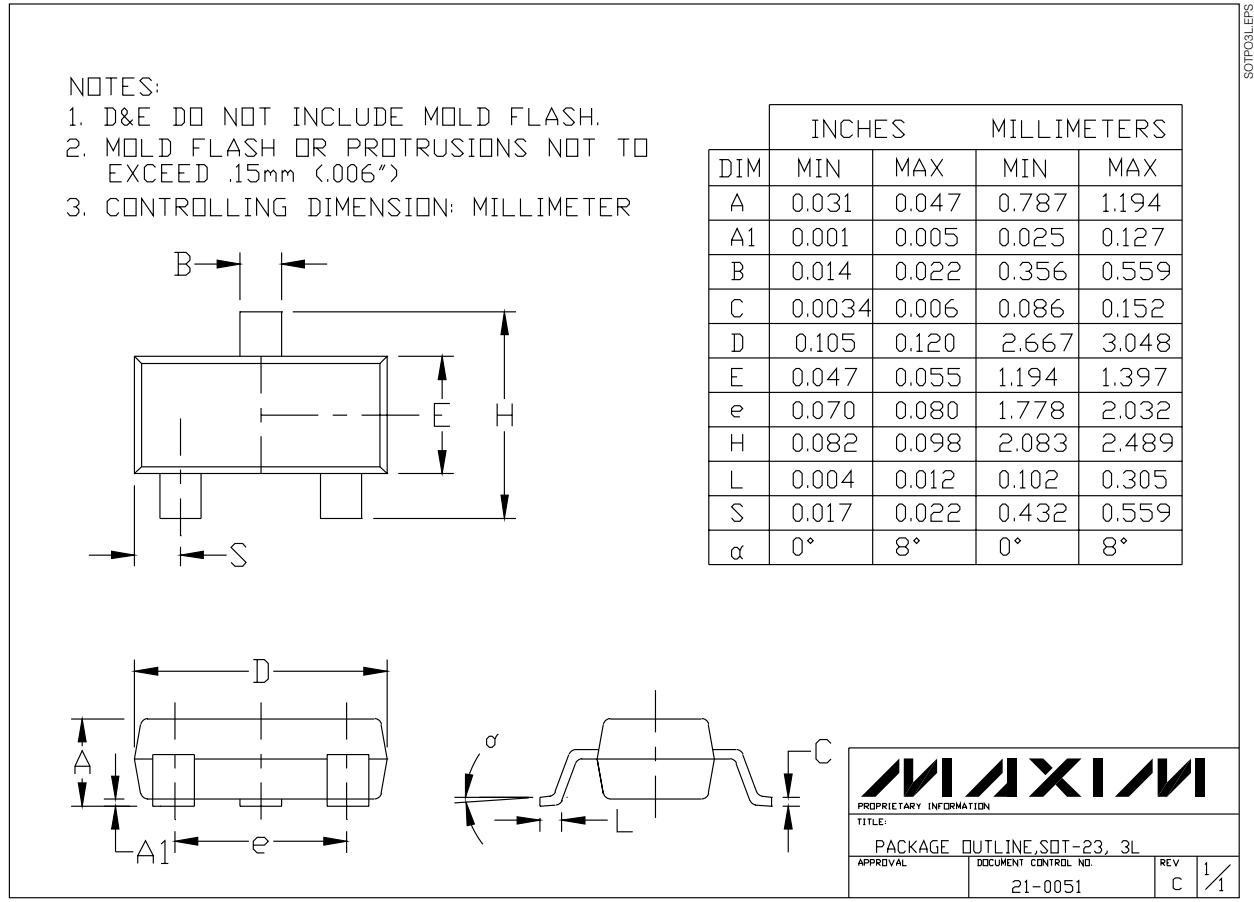


Chip Information

TRANSISTOR COUNT: 117

Package Information

(The package drawing(s) in this data sheet may not reflect the most current specifications. For the latest package outline information, go to www.maxim-ic.com/packages.)



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