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The specifications for the **LTC<sup>®</sup>1261** have been changed as indicated below. For full specifications and application circuits, please refer to the **LTC1261** data sheet.

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## DESCRIPTION

Each version of the LTC1261 will supply up to **12mA** output current with guaranteed output regulation of 5%. The output voltage,  $V_{OUT}$ , specifications at specific output load conditions have been removed.

## ELECTRICAL CHARACTERISTICS

SYMBOL	PARAMETER	CONDITIONS	0°C ≤ T <sub>A</sub> ≤ 70°C			-40°C ≤ T <sub>A</sub> ≤ 85°C (Note 7)			UNITS
			MIN	TYP	MAX	MIN	TYP	MAX	
V <sub>CC</sub> = 3V to 6.5V, T <sub>A</sub> = 25°C unless otherwise specified.									
I <sub>S</sub>	Supply Current	No Load, SHDN Floating, <b>Doubler Mode</b>	●	600	1000	600	1500	μA	
		No Load, <b>SHDN Floating, Tripler Mode</b>	●	<b>900</b>	<b>1500</b>	<b>900</b>	<b>2000</b>	μA	
		No Load, V <sub>SHDN</sub> = V <sub>CC</sub>	●	5	20	5	20	μA	
<b>Doubler Mode. V<sub>CC</sub> = 5V ±10%, C<sub>1</sub> = 0.1μF, C<sub>2</sub> = 0 (Note 4), C<sub>OUT</sub> = 3.3μF unless otherwise specified.</b>									
ΔV <sub>OUT</sub>	Output Regulation	(Note 2)							
		-1.24V ≥ V <sub>OUT</sub> ≥ -4V, 0 ≤ I <sub>OUT</sub> ≤ <b>8mA</b>	●	1	5			%	
		-1.24V ≥ V <sub>OUT</sub> ≥ -4V, 0 ≤ I <sub>OUT</sub> ≤ <b>7mA</b>	●			1	5	%	
		-4V ≥ V <sub>OUT</sub> ≥ -5V, 0 ≤ I <sub>OUT</sub> ≤ 8mA (Note 6)		<b>2</b>		2		%	
V <sub>RIP</sub>	Output Ripple Voltage	I <sub>OUT</sub> = 5mA, V <sub>OUT</sub> = -4V		<b>5</b>		<b>5</b>		mV	
<b>LTC1261CS Only. Tripler Mode. V<sub>CC</sub> = 2.7V, C<sub>1</sub> = C<sub>2</sub> = 0.1μF (Note 4), C<sub>OUT</sub> = 3.3μF unless otherwise specified.</b>									
I <sub>SC</sub>	Output Short-Circuit Current	V <sub>OUT</sub> = 0V	●	<b>60</b>	<b>125</b>	<b>60</b>	<b>125</b>	mA	
<b>LTC1261CS Only. Tripler Mode. V<sub>CC</sub> = 3.3V ±10%, C<sub>1</sub> = C<sub>2</sub> = 0.1μF (Note 4), C<sub>OUT</sub> = 3.3μF unless otherwise specified.</b>									
ΔV <sub>OUT</sub>	Output Regulation	(Note 2)							
		-1.24V ≥ V <sub>OUT</sub> ≥ -4.5V, 0 ≤ I <sub>OUT</sub> ≤ <b>6mA</b>	●	1	5	1	5	%	
		-4.5V ≥ V <sub>OUT</sub> ≥ -5V, 0 ≤ I <sub>OUT</sub> ≤ <b>3.5mA</b>	●	2	5	2		%	
<b>LTC1261CS Only. Tripler Mode. V<sub>CC</sub> = 5V ±10%, C<sub>1</sub> = C<sub>2</sub> = 0.1μF (Note 4), C<sub>OUT</sub> = 3.3μF unless otherwise specified.</b>									
I <sub>SC</sub>	Output Short-Circuit Current	V <sub>OUT</sub> = 0V	●	<b>35</b>	<b>75</b>	<b>35</b>	<b>75</b>	mA	
V <sub>RIP</sub>	Output Ripple Voltage	I <sub>OUT</sub> = 5mA, V <sub>OUT</sub> = -4V		<b>5</b>		<b>5</b>		mV	

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