

The specifications for the **LTC[®]660** have been revised as follows. For complete specifications, typical performance curves and applications information, please see the **LTC660** data sheet.

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DESCRIPTION

The LTC660 is a monolithic CMOS switched-capacitor voltage converter. It performs supply voltage conversion from positive to negative from an input range of 1.5V to 5.5V, resulting in complementary output voltages of -1.5V to -5.5V. It also performs a doubling at an input voltage range of **3V** to 5.5V, resulting in a doubled output voltage of 5V to 11V. Only two external capacitors are needed for the charge pump and charge reservoir functions.

ELECTRICAL CHARACTERISTICS

$V^+ = 5V$, $C1$ and $C2 = 150\mu F$, Boost = Open, $C_{OSC} = 0pF$, $T_A = 25^\circ C$, unless otherwise noted.

SYMBOL	PARAMETER	CONDITIONS			MIN	TYP	MAX	UNITS
	Supply Voltage	$R_L = 1k$	Inverter, LV = Open	●	3		5.5	V
			Inverter, LV = GND	●	1.5		5.5	V
			Doubler, LV = V_{OUT}	●	3		5.5	V

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