ELECTRICAL CHARACTERISTICS
The ● denotes the specifications which apply over the full internal operating temperature range, otherwise specifications are at T_A = 25°C, RUN = 2V (Note 4).

PARAMETER	CONDITIONS		MIN	TYP	MAX	UNITS
Minimum Input DC Voltage	RUN = 2V	●			3 ~~2.8~~	V
V_{OUT} DC Voltage	R_{ADJ} = 15.4k R_{ADJ} = 8.25k R_{ADJ} = 1.78k	●	4.75	2.5 5 24	5.25	V V V
V_{IN} Quiescent Current	V_{RUN} = 0V Not Switching			7	3	µA mA
V_{OUT} Line Regulation	3V ≤ V_{IN} ≤ 40V, I_{OUT} = 0.1A, RUN = 2V			1		%
V_{OUT} Load Regulation	0.05A ≤ I_{OUT} ≤ 0.3A, RUN = 2V			1		%
V_{OUT} Ripple (RMS)	I_{OUT} = 0.1A, 1MHz BW			30		mV
Isolation Voltage	(Note 3)			2		kV
Input Short-Circuit Current	V_{OUT} Shorted			80		mA
RUN Pin Input Threshold	RUN Pin Falling		1.18	1.214	1.25	V
RUN Pin Current	V_{RUN} = 1V V_{RUN} = 1.3V			2.5	0.1	µA µA

Note 1: Stresses beyond those listed under Absolute Maximum Ratings may cause permanent damage to the device. Exposure to any Absolute Maximum Rating condition for extended periods may affect device reliability and lifetime.

Note 2: V_{IN} + V_{OUT} is defined as the sum of (V_{IN} – GND) + (V_{OUT} – V_{OUTN}).

Note 3: The LTM8067 isolation test voltage of either 2kVAC or its equivalent of 2.83kVDC is applied for one second.

Note 4: The LTM8067E is guaranteed to meet performance specifications from 0°C to 125°C. Specifications over the –40°C to 125°C internal temperature range are assured by design, characterization and correlation

with statistical process controls. LTM8067I is guaranteed to meet specifications over the full –40°C to 125°C internal operating temperature range. Note that the maximum internal temperature is determined by specific operating conditions in conjunction with board layout, the rated package thermal resistance and other environmental factors.

Test flowcharts are posted for viewing at:
www.linear.com/quality