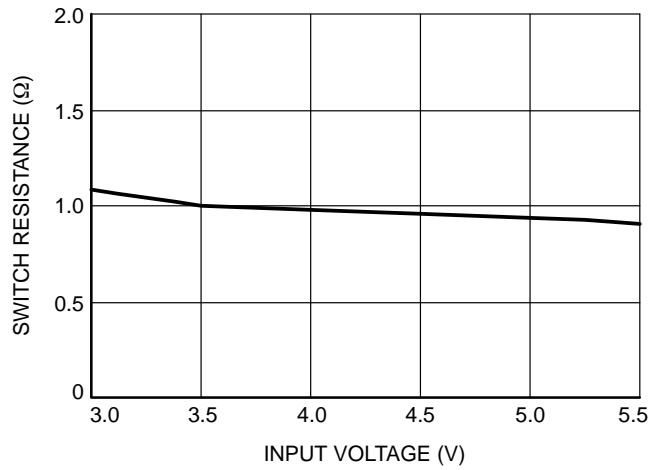
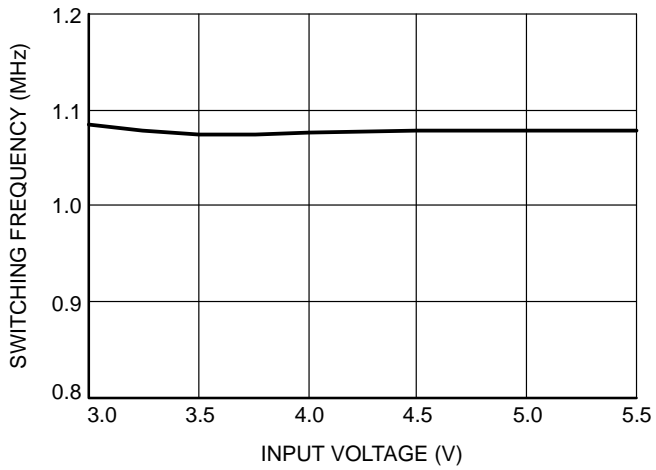
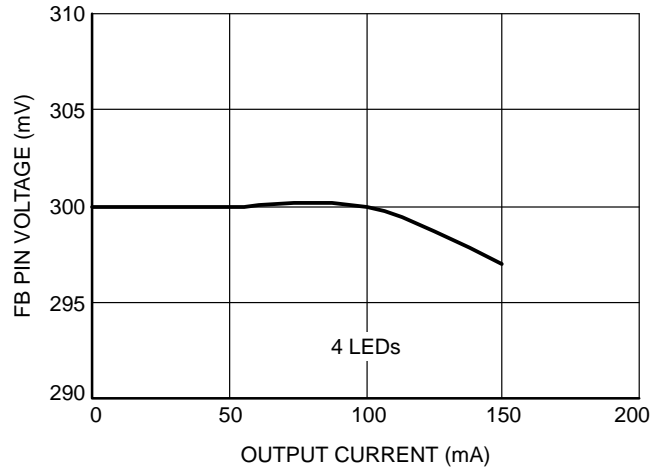
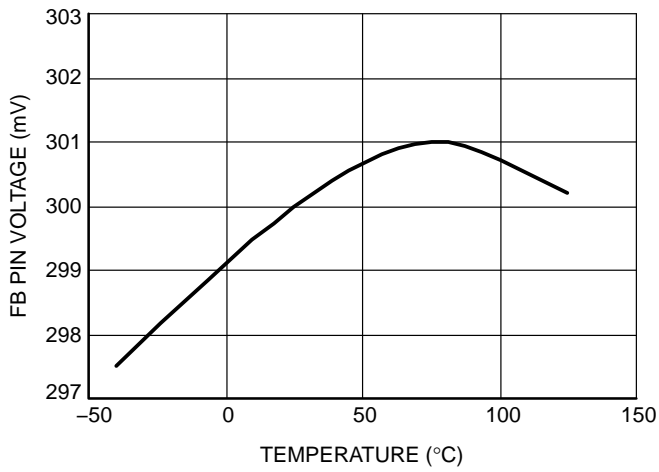
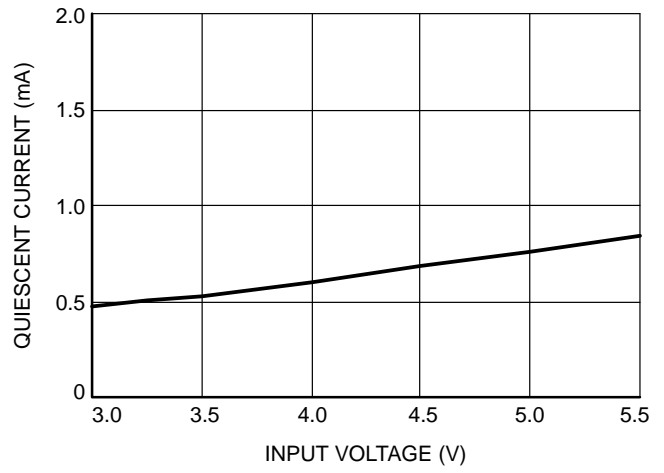
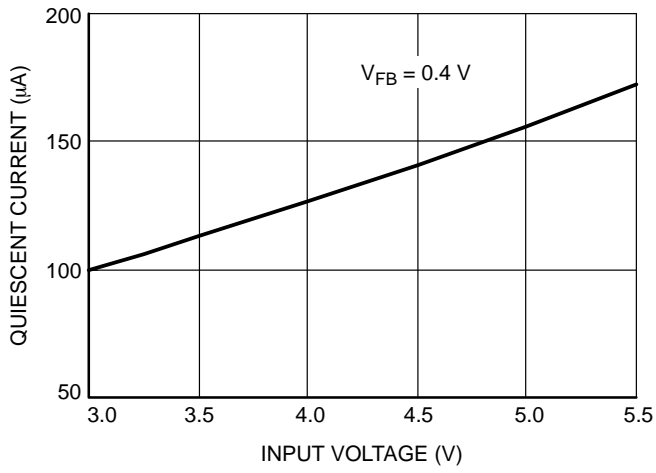


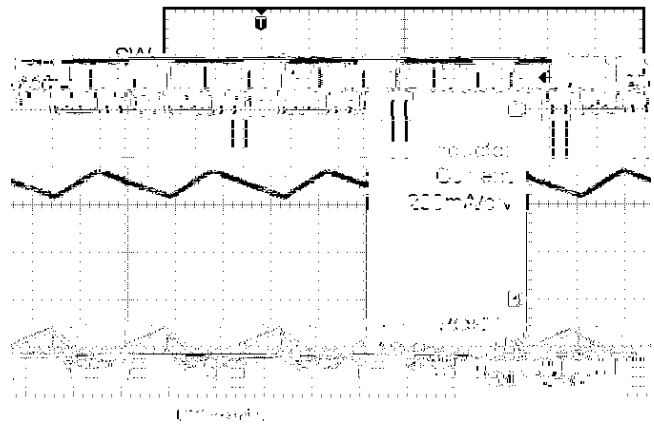
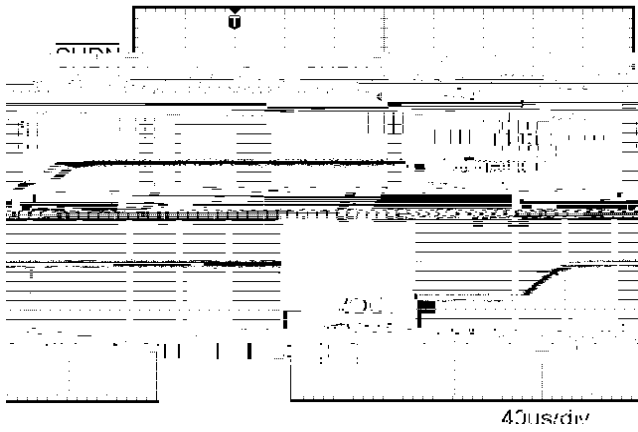
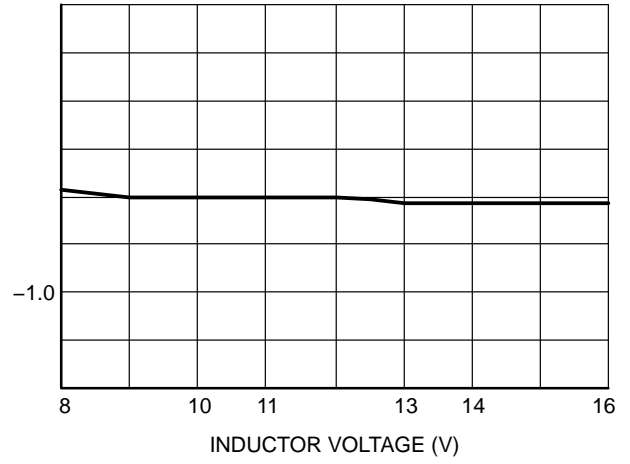
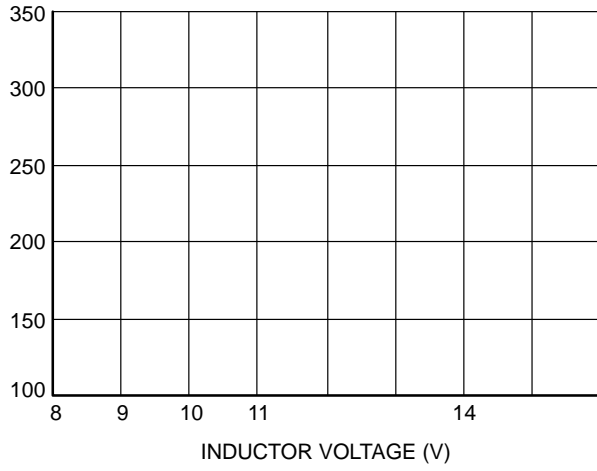
CAT4240

6 Watt Boost LED Driver

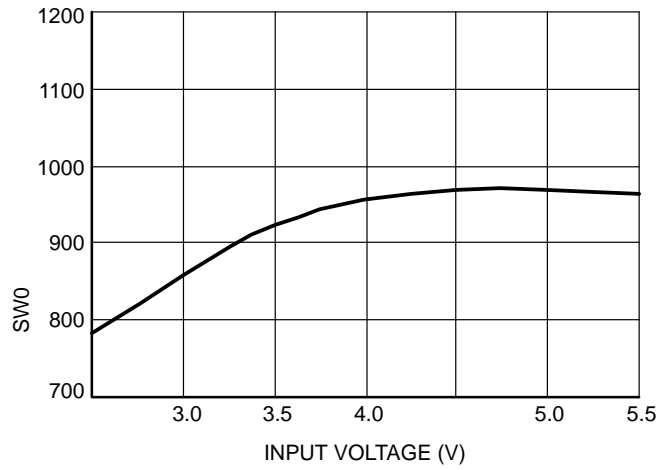
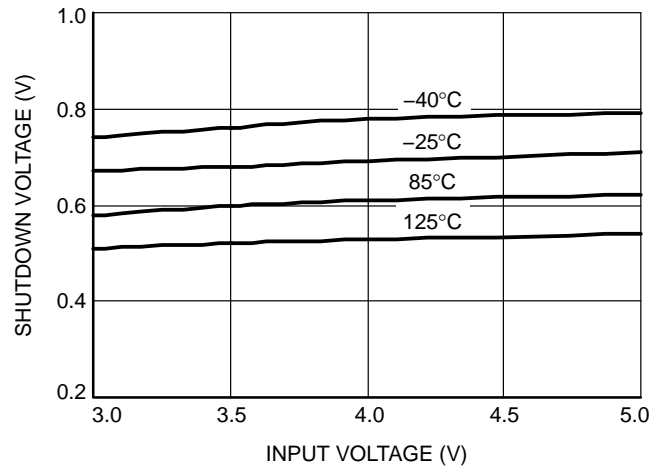
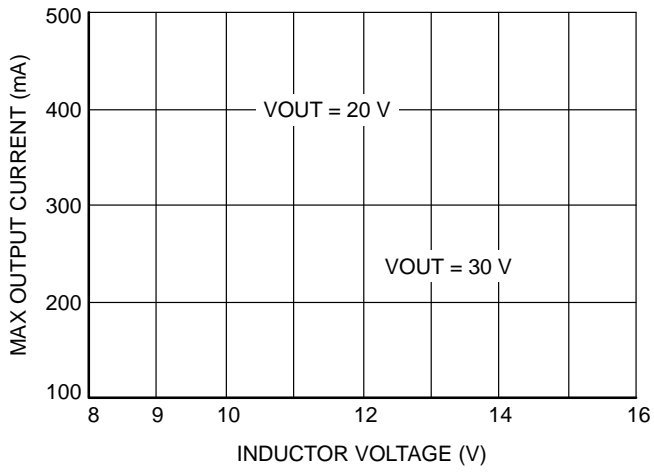
($V_{IN} = 5\text{ V}$, $V_L = 13\text{ V}$, $T_{AMB} = 25^\circ\text{C}$, typical application circuit unless otherwise specified.)



($V_{IN} = 5\text{ V}$, $V_L = 13\text{ V}$, $T_{AMB} = 25^\circ\text{C}$, typical application circuit unless otherwise specified.)



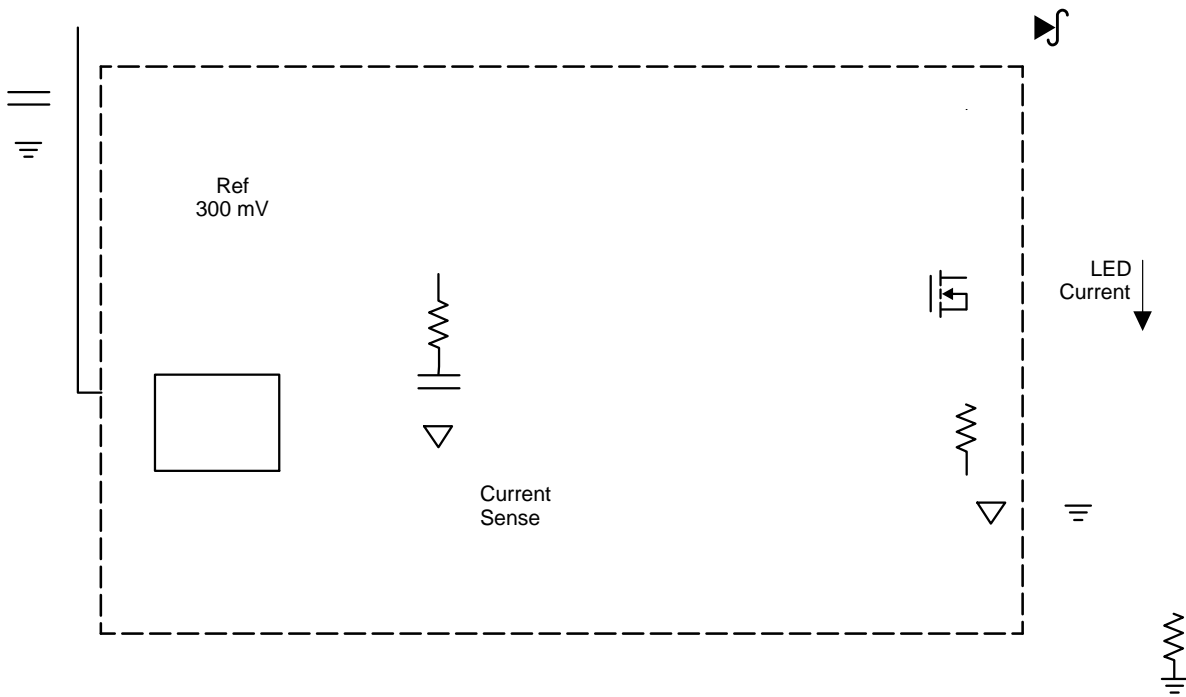
($V_{IN} = 5\text{ V}$, $V_L = 13\text{ V}$, $T_{AMB} = 25^\circ\text{C}$, typical application circuit unless otherwise specified.)



μ

$$I_{LED} = \frac{0.3 V}{R1}$$

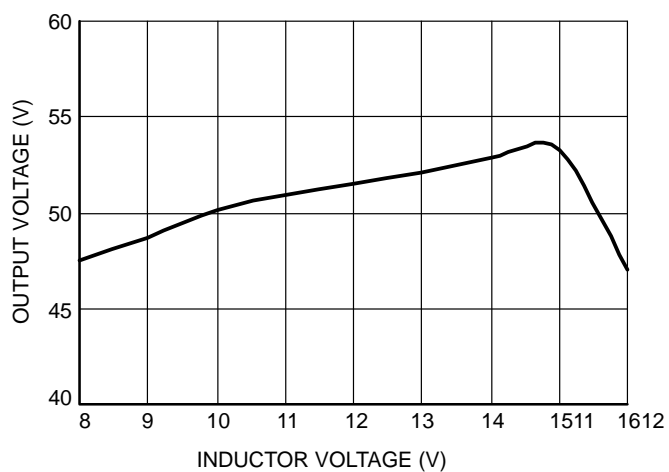
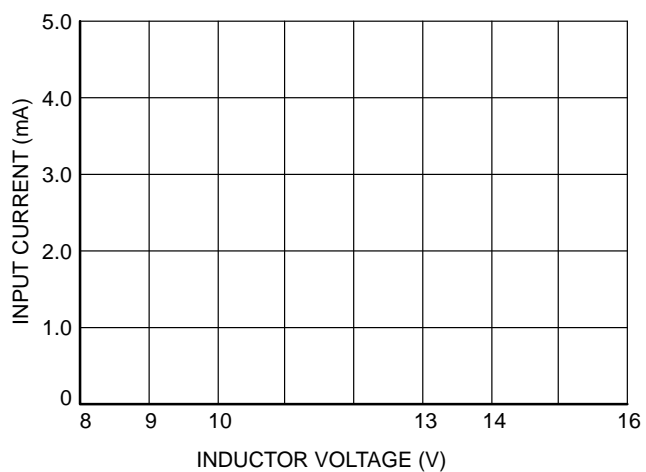
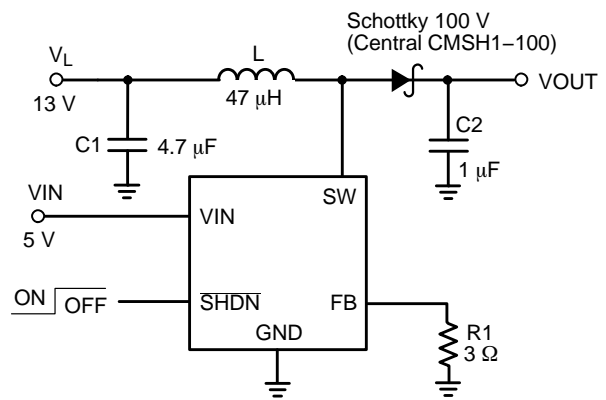
1	SW	Switch pin. This is the drain of the internal power switch.
2	GND	Ground pin. Connect the pin to the ground plane.
3	FB	Feedback pin. Connect to the last LED cathode.
4	$\overline{\text{SHDN}}$	Shutdown pin (Logic Low). Set high to enable the driver.
5	VIN	Power Supply input.

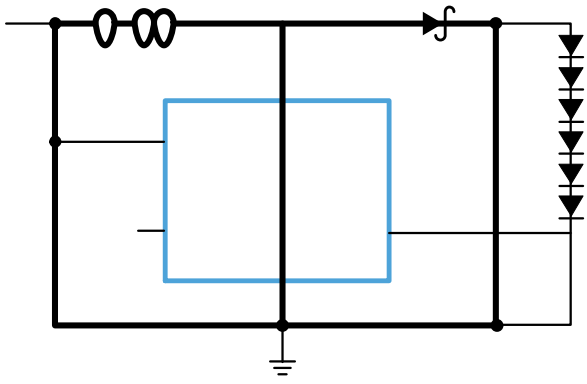


o

o

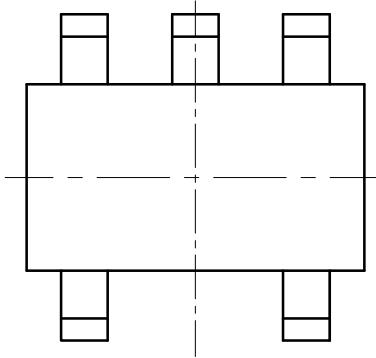






TSOT-23, 5 LEAD
CASE 419AE-01
ISSUE O

DATE 19 DEC 2008



onsemi, **onsemi**, and other names, marks, and brands are registered and/or common law trademarks of Semiconductor Components Industries, LLC dba "**onsemi**" or its affiliates and/or subsidiaries in the United States and/or other countries. **onsemi** owns the rights to a number of patents, trademarks, copyrights, trade secrets, and other intellectual property. A listing of **onsemi**'s product/patent coverage may be accessed at www.onsemi.com/site/pdf/Patent-Marking.pdf. **onsemi** reserves the right to make changes at any time to any products or information herein, without notice. The information herein is provided "as-is" and **onsemi** makes no warranty, representation or guarantee regarding the accuracy of the information, product features, availability, functionality, or suitability of its products for any particular purpose, nor does **onsemi** assume any liability arising out of the application or use of any product or circuit, and specifically disclaims any and all liability, including without limitation special, consequential or incidental damages. Buyer is responsible for its products and applications using **onsemi**
