



INPUT CURRENT LIMIT SETTINGS

D2	D1	D0	CURRENT LIMIT	CHARGER STATUS
0	0	0	100mA (1X)	ON
0	0	1	1A (10X)	ON
0	1	0	500mA (5X)	ON
0	1	1	500uA (SUSP)	OFF
1	0	0	100mA (1X)	OFF
1	0	1	1A (10X)	OFF
1	1	0	500mA (5X)	OFF
1	1	1	2.5mA (SUSP)	OFF

Leakage current must be < 400nA

Leakage current must be < 50nA

Unless noted:
Resistors: Ohms, 0402, 1%, 1/16W
Capacitors: uF, 0402, 10%, 50V

Note 1: Nonrepetitive 1 second transients

<p>CUSTOMER NOTICE</p> <p>LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.</p> <p>THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.</p>		CONTRACT NO.	<p>1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 Fax: (408)434-0507 LTC Confidential-For Customer Use Only</p>
		APPROVALS	
		DRAWN: G. Barbschemm	
		CHECKED:	
		APPROVED:	
ENGINEER: G. Barbschemm	TITLE: SCHEMATIC		
DESIGNER:	LTC4098EPDC: USB Compatible Switching Power Manager/Li-Ion Charger with Overvoltage Protection		
SIZE A	DWG NO.	REV A	
DATE: Tuesday, August 05, 2008	SHEET 1 OF 1		