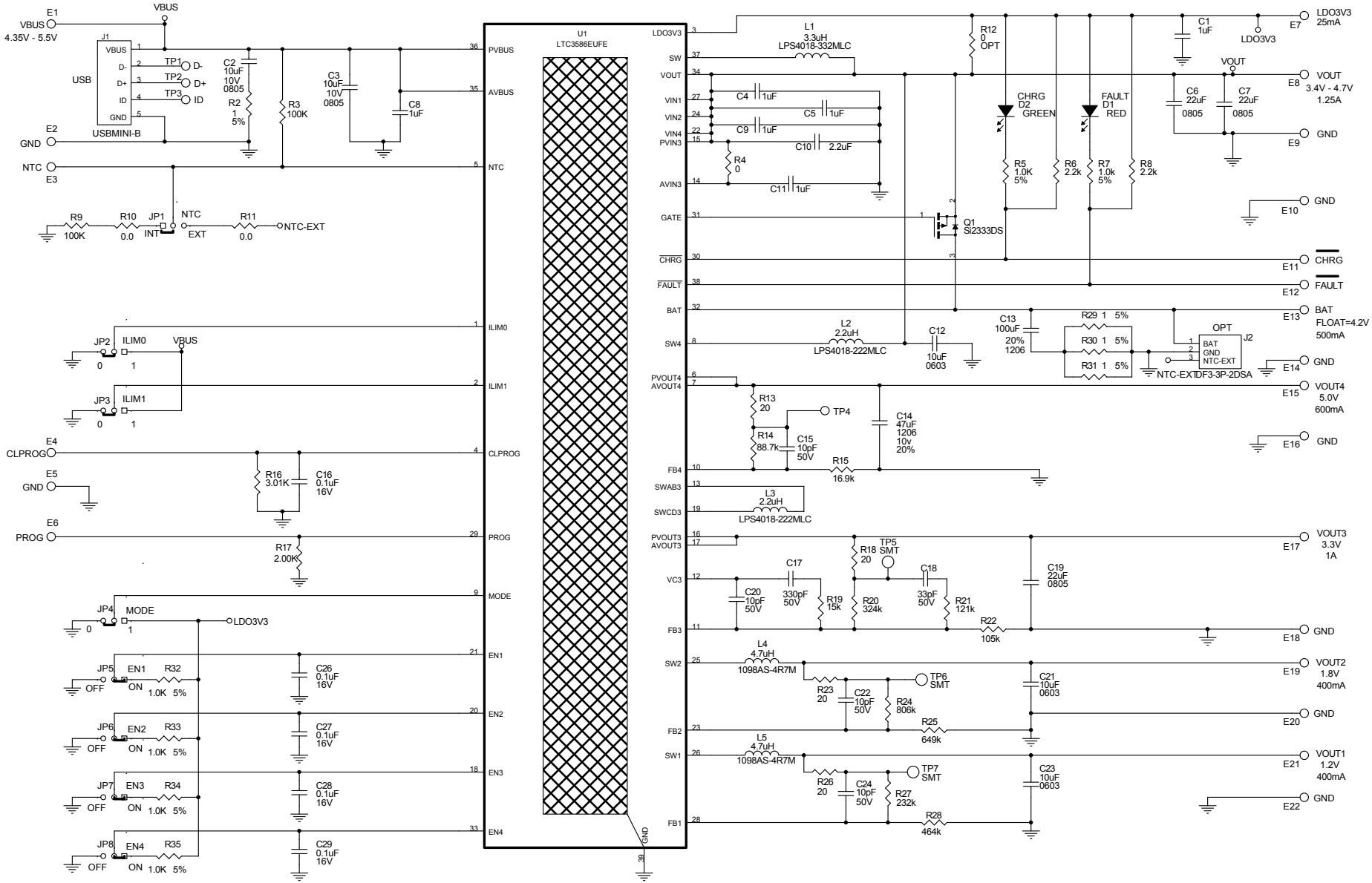

INPUT CURRENT LIMIT SETTINGS		
ILIM1	ILIM0	CURRENT LIMIT
0	0	100mA (1X)
0	1	1A (10X)
1	0	0.5mA (SUSP)
1	1	500mA (5X)

	SWITCHING REGULATOR MODES		
MODE	BUCKS	BUCK-BOOST	BOOST
0	Pulse Skip	PWM	Pulse Skip
1	Burst	Burst	Pulse Skip

Unless noted:

Resistors: Ohms, 0402, 1% ,1/16W

Capacitors: 0402, 10%, 6.3V

CUSTOMER NOTICE

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 CIRUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.

THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

CONTRACT NO.	
APPROVALS	
DRAWN:	J Drew
CHECKED:	
APPROVED:	
ENGINEER:	J. Drew
DESIGNER:	

LINEAR TECHNOLOGY

1630 McCarthy Blvd.
Milpitas, CA 95035
Phone: (408)432-1900
Fax: (408)434-0507

LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

LTC3586EUFE

High Efficiency USB Power Manager + Dual Buck + Boost + Buck - Boost DC / DC

SIZE	DWG NO.	REV
B	DC1306A	A

DATE: Monday, July 21, 2008

SHEET 1 OF 1