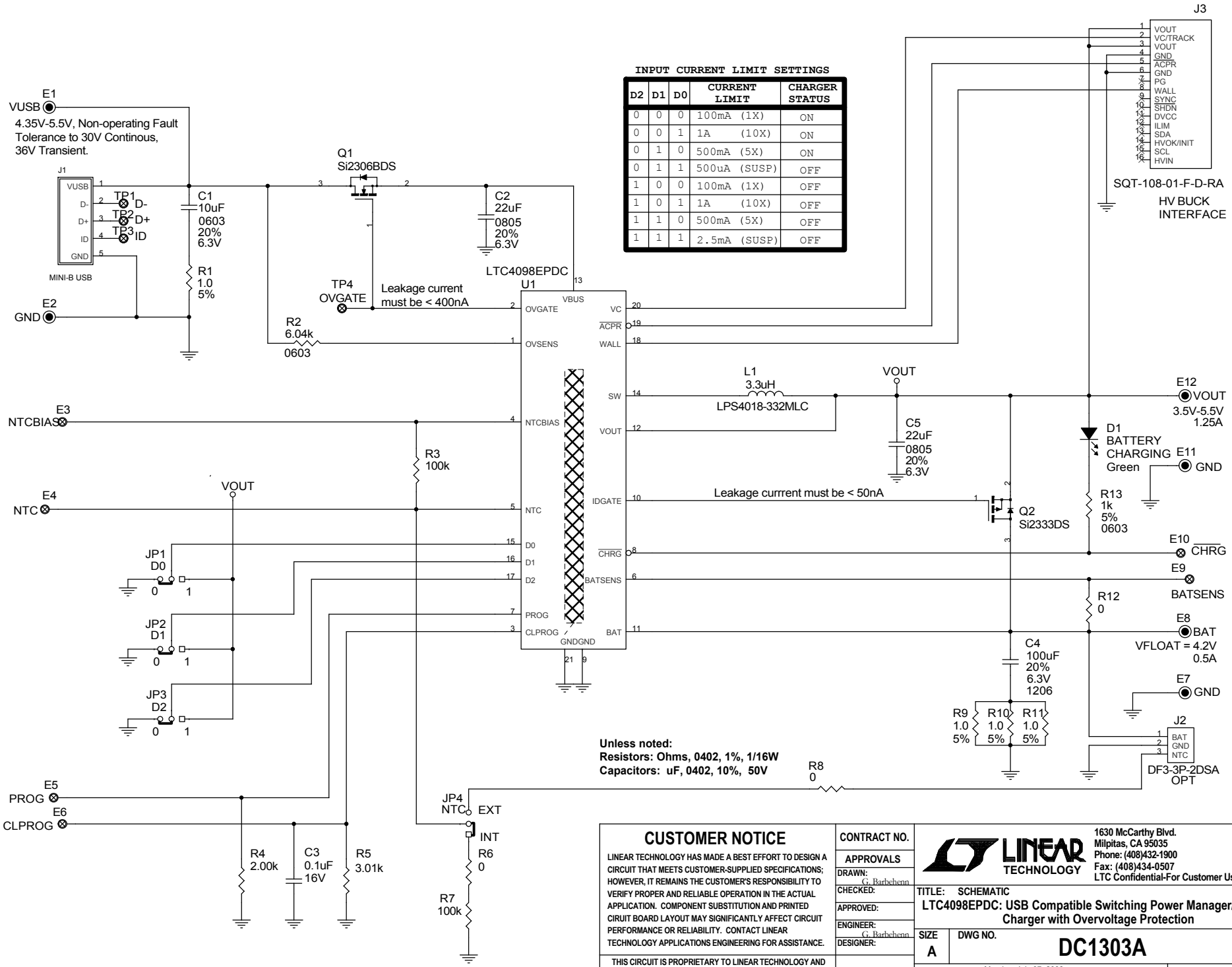


**INPUT CURRENT LIMIT SETTINGS**

| 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 |

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

## 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: G. Barbehenn
CHECKED:
APPROVED:
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LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC
**LTC4098EPDC: USB Compatible Switching Power Manager/Li-Ion Charger with Overvoltage Protection**

| SIZE | DWG NO. | REV |
|---|---|---|
| A | DC1303A | A |

DATE: Monday, July 07, 2008
SHEET 1 OF 1