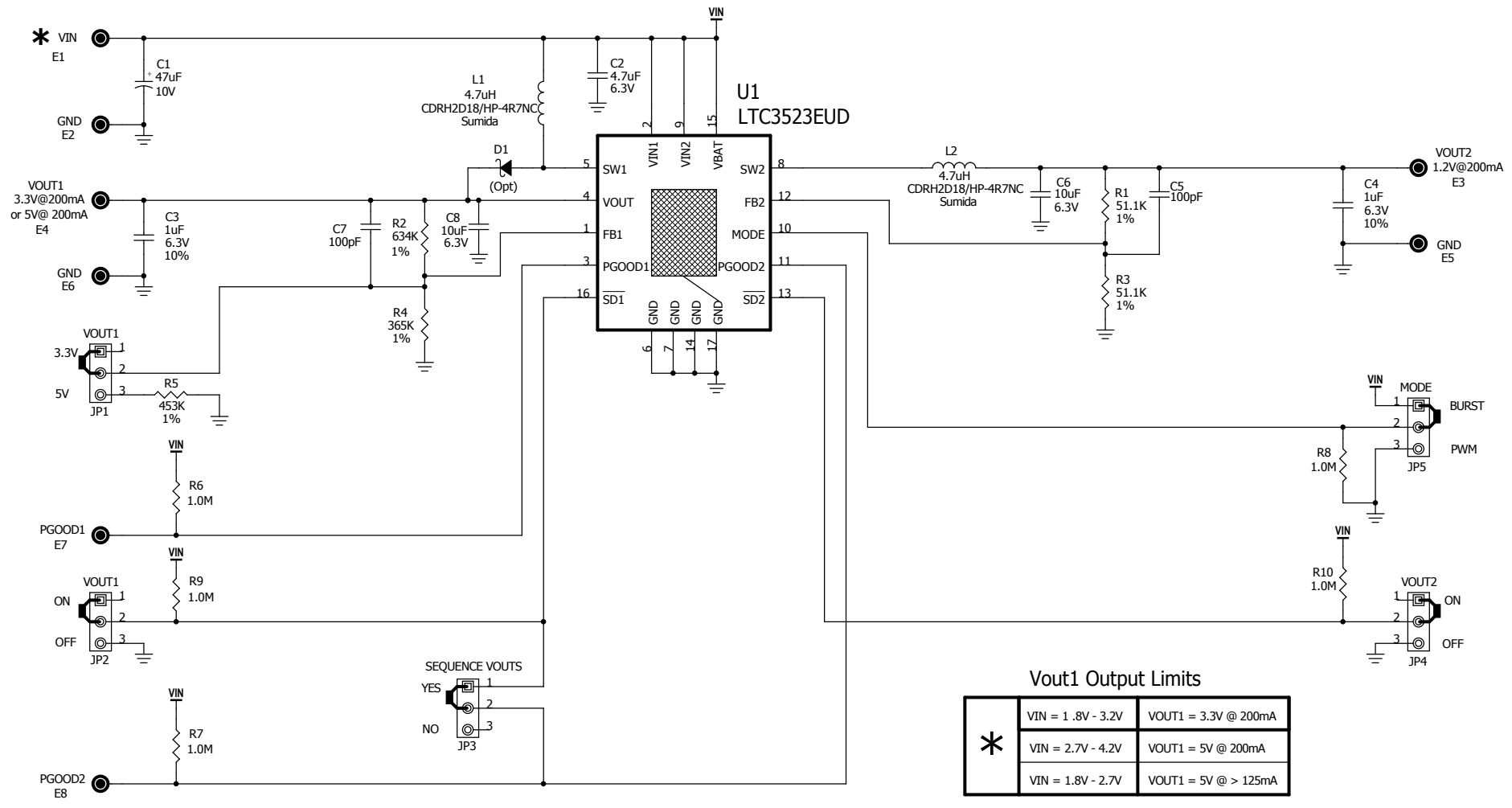


| REVISION HISTORY | | | | |
|------------------|-----|---------------|------|----------|
| ECO | REV | DESCRIPTION | DATE | APPROVED |
| - | 0 | 1st PROTOTYPE | | |



Vout1 Output Limits

| | | |
|---|-------------------|----------------------|
| * | VIN = 1.8V - 3.2V | VOUT1 = 3.3V @ 200mA |
| | VIN = 2.7V - 4.2V | VOUT1 = 5V @ 200mA |
| | VIN = 1.8V - 2.7V | VOUT1 = 5V @ > 125mA |

This circuit is proprietary to Linear Technology and supplied for use with Linear Technology parts.
Customer Notice: Linear Technology has made a best effort to design a circuit that meets customer-supplied specifications; however, it remains the customers 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 Applications Engineering for assistance.

| APPROVALS | | LINEAR TECHNOLOGY CORPORATION | |
|----------------------------|-----------------------|---|---|
| DRAWN: Rudy Bautista | ENGINEER: David Canny | 1630 McCARTHY BLVD MILPITAS, CA. 95035 (408)432-1900 (408)434-0507 (FAX) | www.linear.com LTC Confidential - For Customer Use Only |
| APPROVED: | CHECKED: | Title Dual MicroPower Synchronous Buck and Boost Converter | |
| Date: Friday, May 16, 2008 | | SD Document Number | Demo Circuit 1213A |
| | | | Rev 2 |