

NOTES:

1. Project Drawing Numbers:
- Raw PCB

Gerber Files

PCB Design Files

Assembly Drawing

Fab Drawing

Schematic Drawing

PCB Film

Bill of Materials

Schematic Design Files

Functional Specification

PCB Layout Guidelines

Assembly Rework
- 100-0320613-B1

110-0320613-B1

120-0320613-B1

130-0320613-B1

140-0320613-B1

150-0320613-B1

160-0320613-B1

170-0320613-B1

180-0320613-B1

210-0320613-B1

220-0320613-B1

320-0320613-B1

SATA 4 CHANNEL HSMC

| REV | DATE       | PAGES | DESCRIPTION   |
|-----|------------|-------|---------------|
| A   | 07/08/2009 | All   | Rev A Release |
| B   | 09/08/2009 |       |               |
|     |            |       |               |
|     |            |       |               |
|     |            |       |               |

| PAGE | DESCRIPTION                                   |
|------|-----------------------------------------------|
| 1    | Title, Notes, Block Diagram, Revision History |
| 2    | Power / EEPROM                                |
| 3    | LED / Switches                                |
| 4    | SATA CLOCKS                                   |
| 5    | HSMC Connector                                |
| 6    |                                               |
| 7    |                                               |
| 8    |                                               |
| 9    |                                               |
| 10   |                                               |
| 11   |                                               |
| 12   |                                               |
| 13   |                                               |
| 14   |                                               |
| 15   |                                               |
| 16   |                                               |
| 17   |                                               |
| 18   |                                               |
| 19   |                                               |
| 20   |                                               |
| 21   |                                               |
| 22   |                                               |
| 23   |                                               |
| 24   |                                               |
| 25   |                                               |
| 26   |                                               |
| 27   |                                               |



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Title

SATA 4CHANNEL HSMC

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Size

B

Document Number

150-0320613-B1

Rev

B-1

Date:

Friday, September 11, 2009

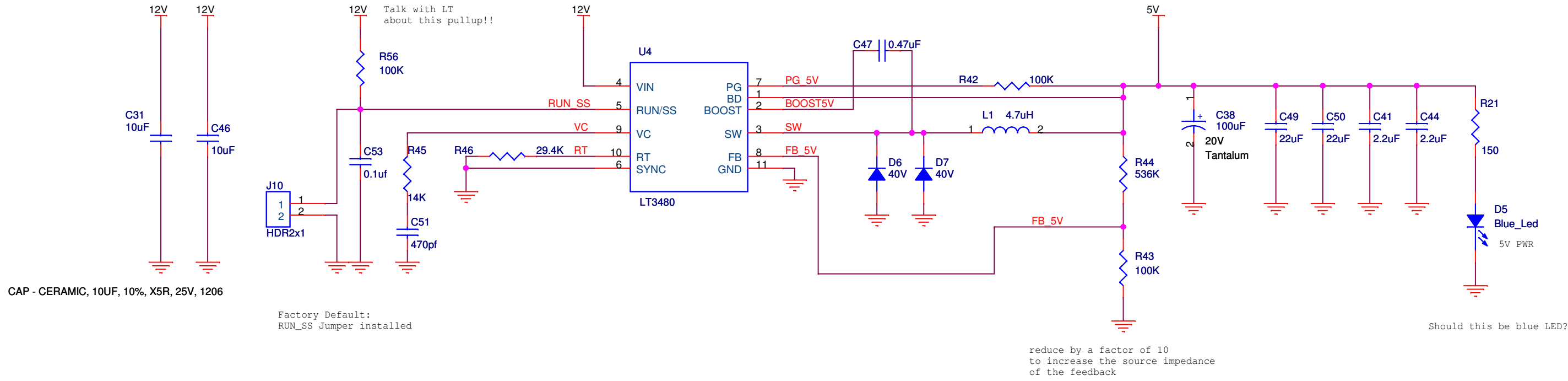
Sheet

1

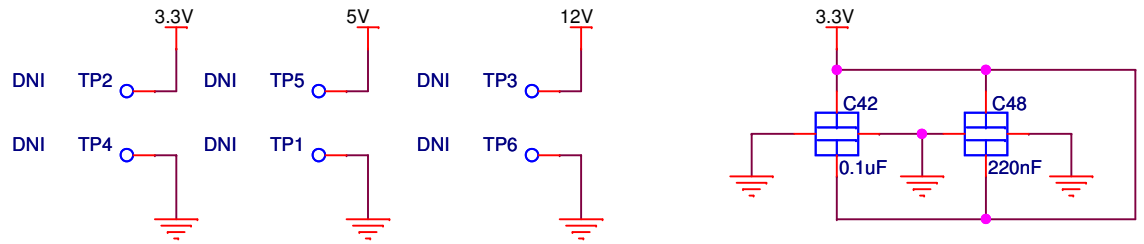
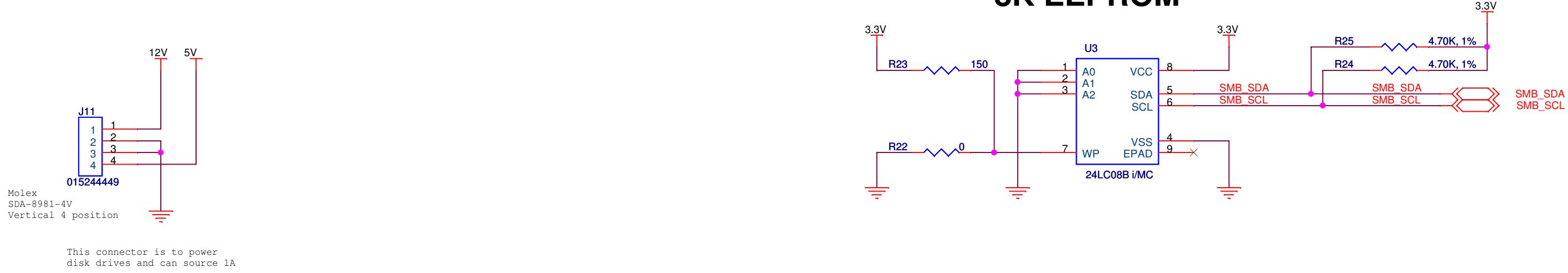
of

5

# POWER

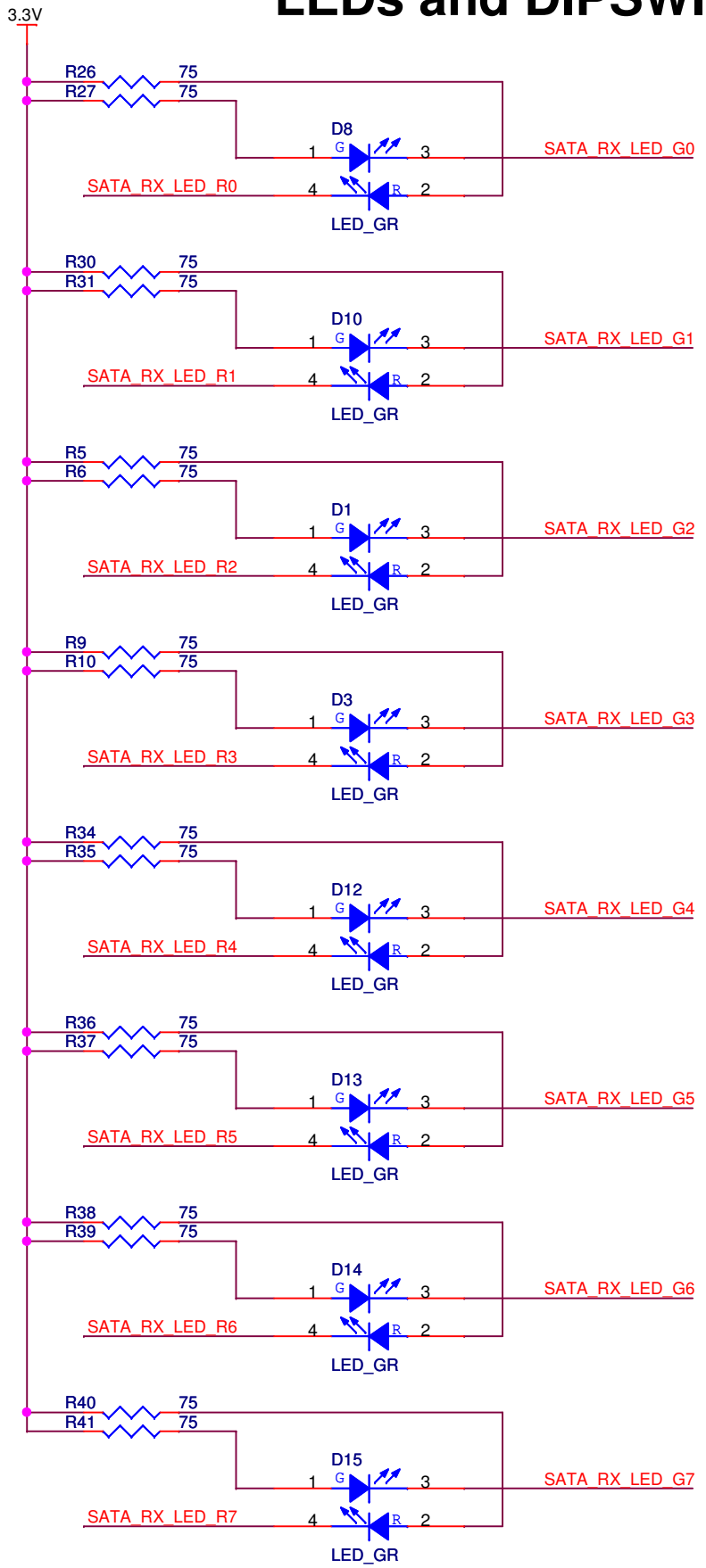
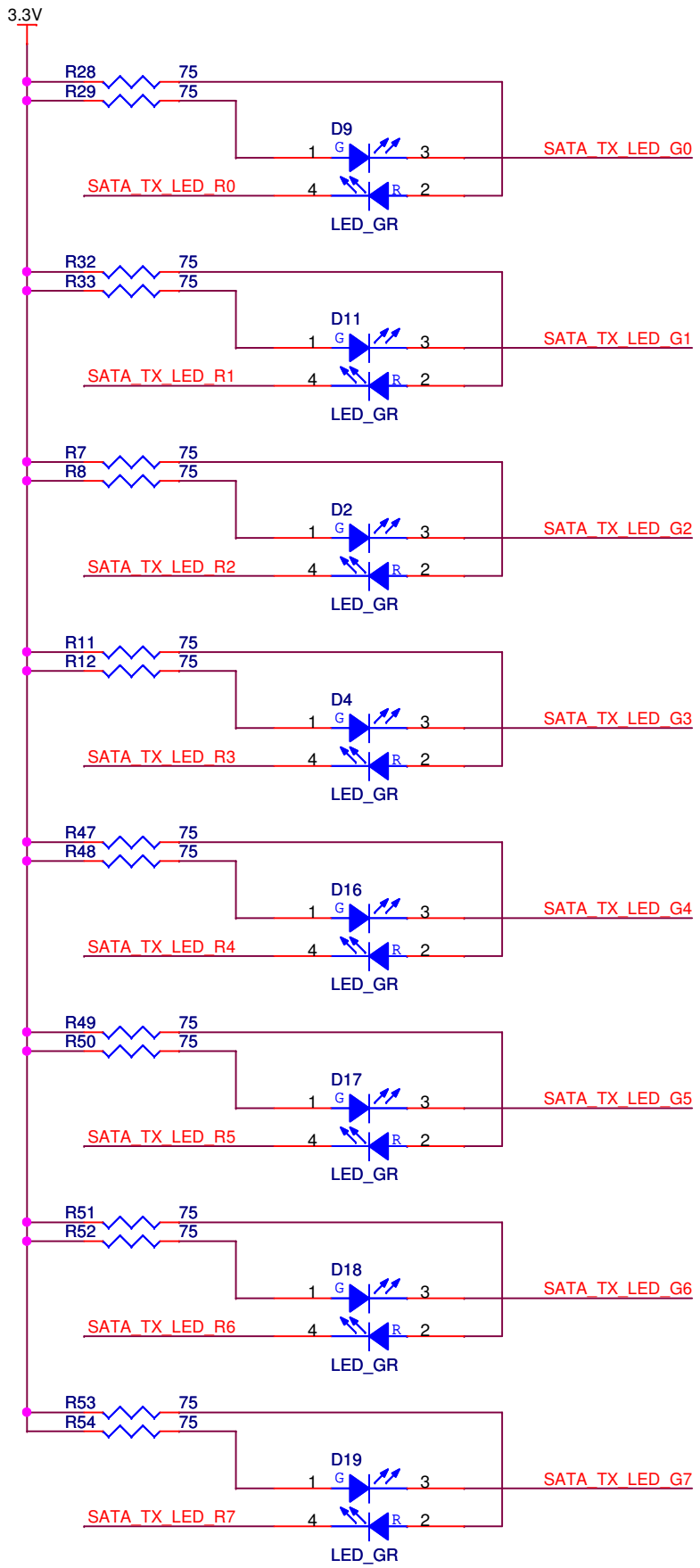


# 8K EEPROM

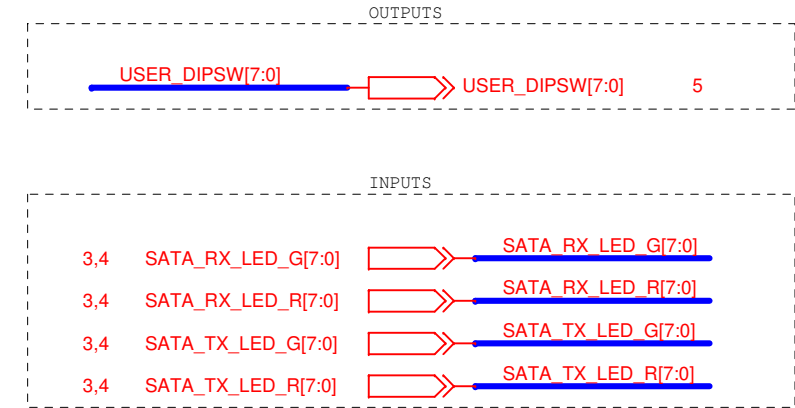
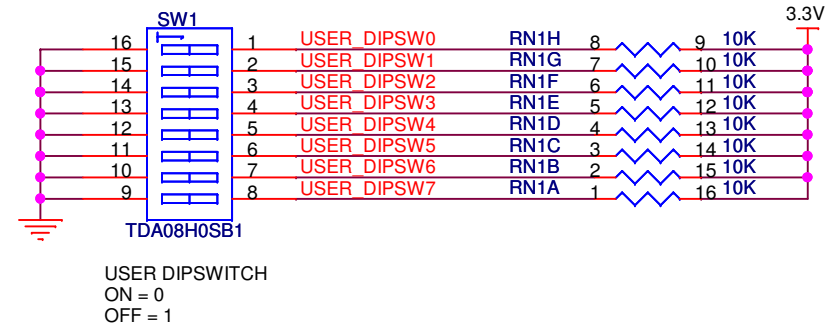


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| Title SATA 4CH HSMC                                            |                                |         |
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| Size B                                                         | Document Number 150-0320613-B1 | Rev B-1 |
| Date: Friday, September 25, 2009                               | Sheet 2                        | of 5    |

# LEDs and DIPSWITCHES



Rotate SW 3 in layout for easy labels?

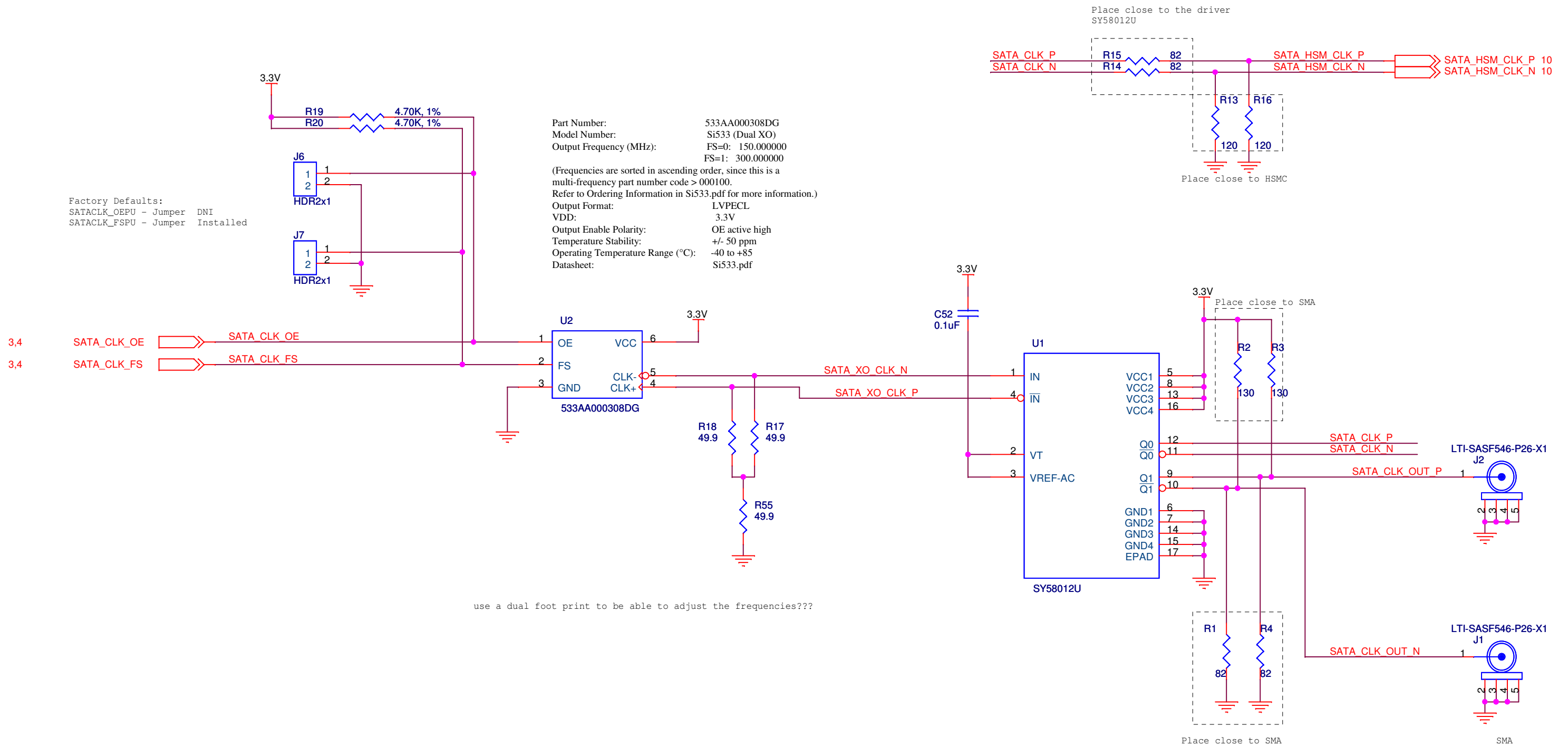


Bi-color LED for single channel SATA connector  
Place TX LED on pin one side of connector  
Place RX LED on pin 7 side of the connector  
  
Place LEDs the outer edge close to the connector they are associated with



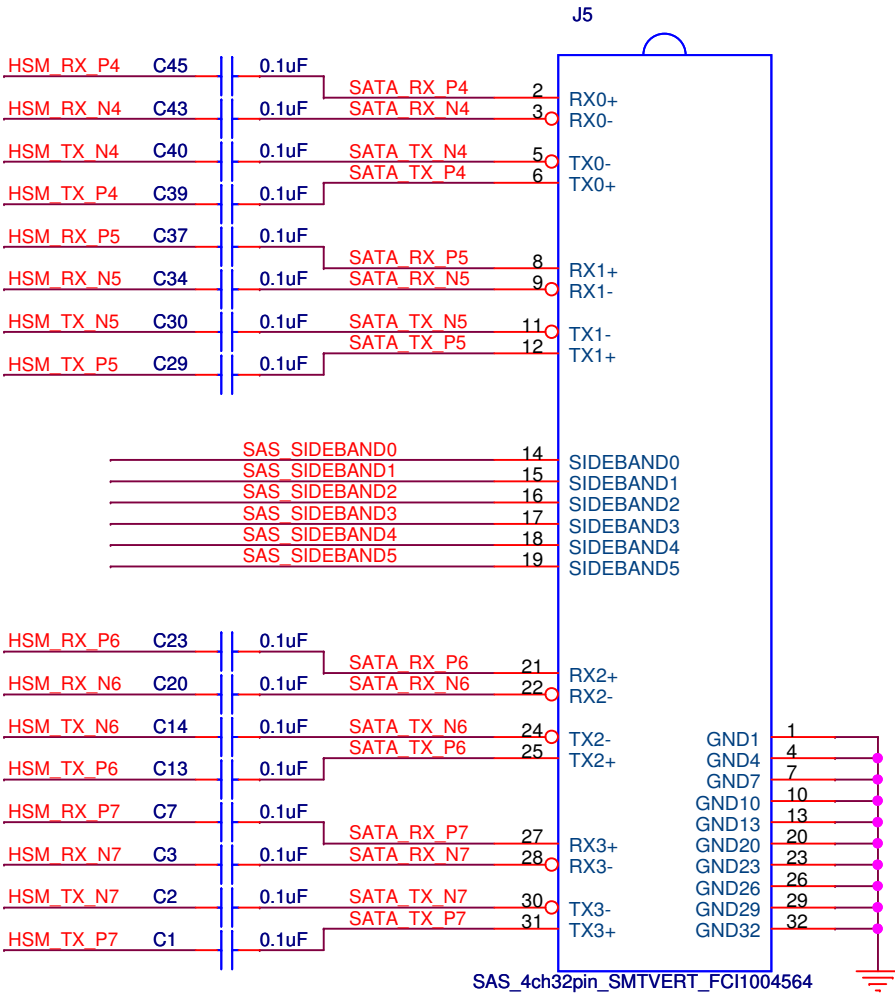
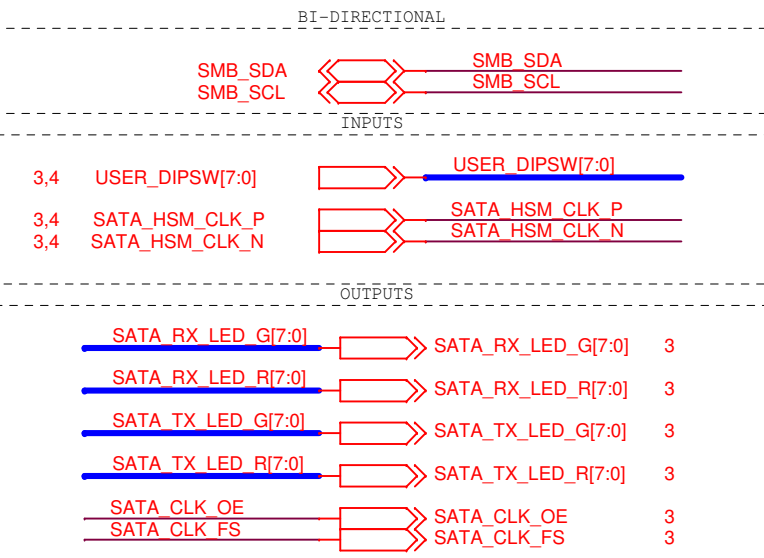
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| B                                                              | 150-0320613-B1             |               | B-1    |
| Date:                                                          | Friday, September 25, 2009 | Sheet         | 3 of 5 |

# SATA CLOCKS



|                                                                |                            |              |
|----------------------------------------------------------------|----------------------------|--------------|
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| Title                                                          |                            |              |
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| B                                                              | 150-0320613-B1             | B-1          |
| Date:                                                          | Friday, September 25, 2009 | Sheet 4 of 5 |

# CONNECTORS



## SAS / SATA 4 Channel Connector



## SATA 1 Channel Connectors

