

| REV | Description  | DATE       | BY |
|-----|--|------------|----|
| A3  | Production release.  | 10/21/2011 | GC |
| A3A | Updated in conjunction with the release of the SRM. Typos and naming changes. No change in design. | 11/5/2011  | GC |
|     |  |            |    |
|     |  |            |    |

| PAGE NO. | SCHEMATIC PAGE                |
|----------|-------------------------------|
| 1        | COVER PAGE                    |
| 2        | POWER MANAGEMENT              |
| 3        | PROCESSOR 1 OF 3              |
| 4        | PROCESSOR 2 OF 3              |
| 5        | PROCESSOR 3 OF 3              |
| 6        | LED, CONFIGURATION AND BUTTON |
| 7        | MEMORY                        |
| 8        | ETHERNET AND USB HOST         |
| 9        | USB CONCENTRATOR              |
| 10       | SERIAL AND JTAG               |
| 11       | EXP CONN, uSD, AND LDO        |

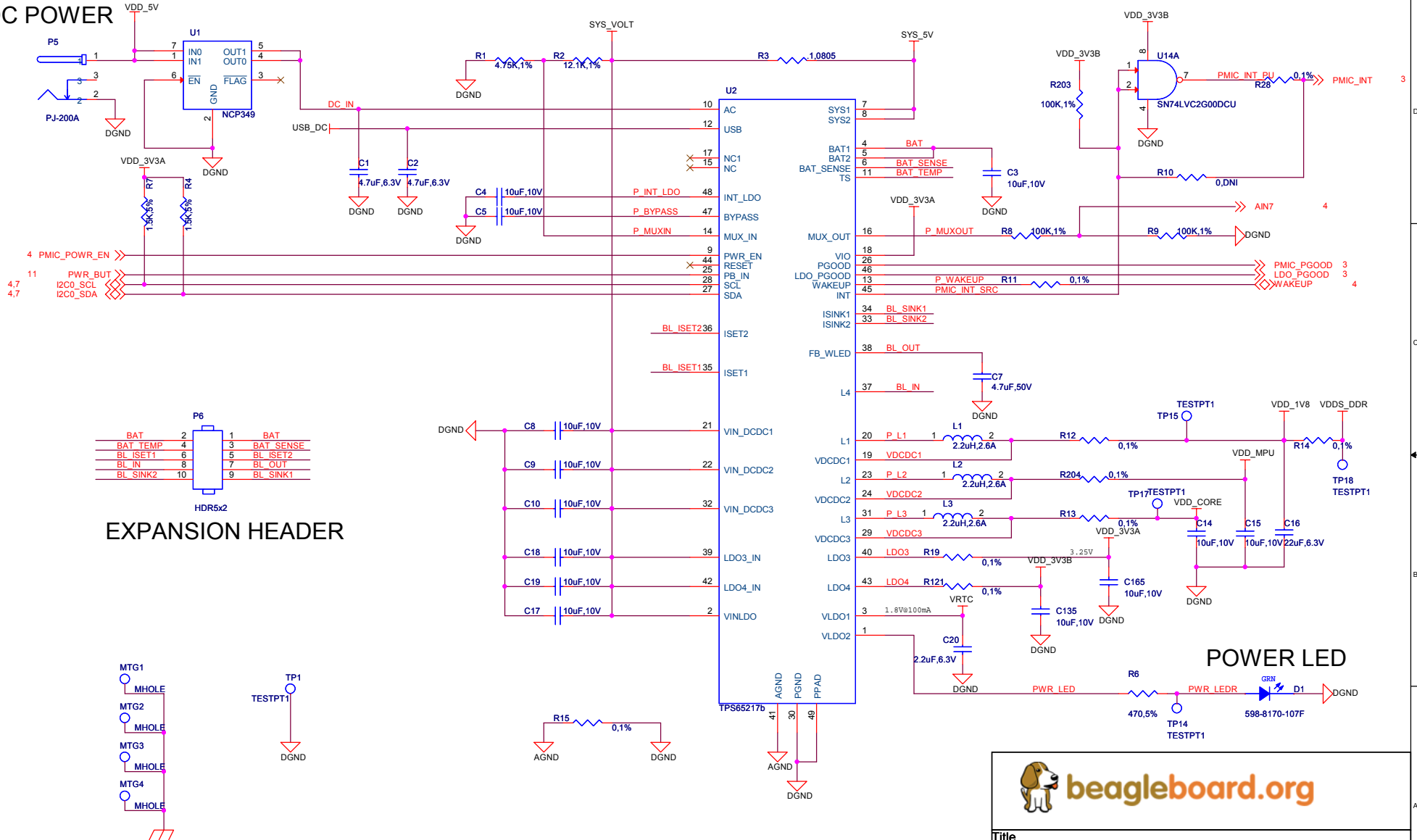
This schematic is **\*NOT SUPPORTED\*** and DOES NOT constitute a reference design. Only "community" support is allowed via resources at [BeagleBoard.org/discuss](http://BeagleBoard.org/discuss).

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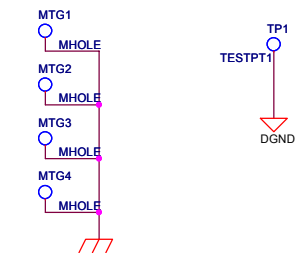
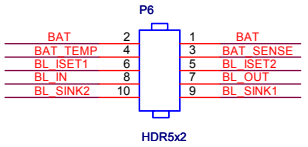


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|-------|-----------------------------|-----------------------|---------|
| Title |                             | BeagleBone Cover Page |         |
| Size  | Document Number             | Rev                   |         |
| B     | 450-5500-001                | A3A                   |         |
| Date: | Saturday, November 05, 2011 | Sheet                 | 1 of 11 |

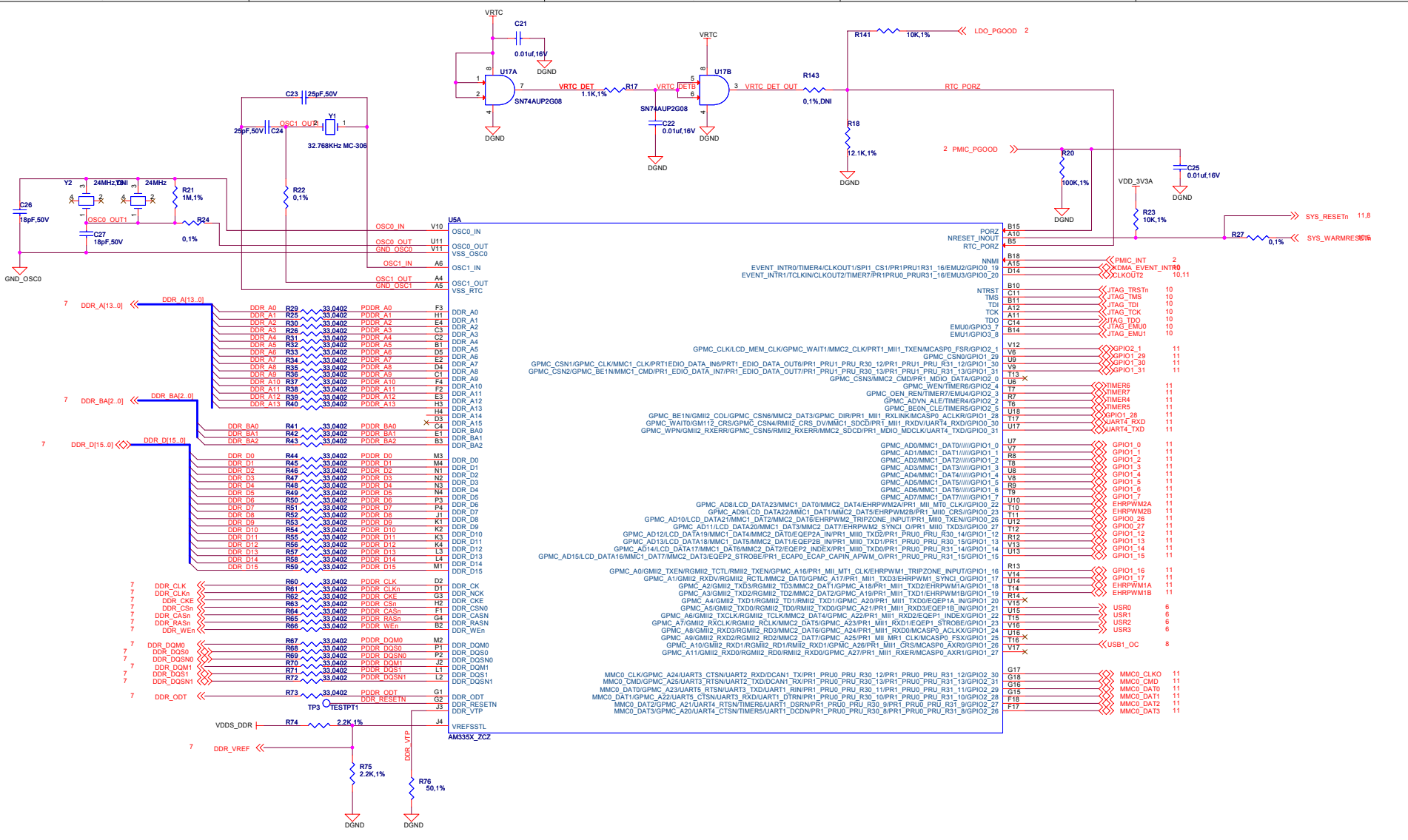
# 5V DC POWER



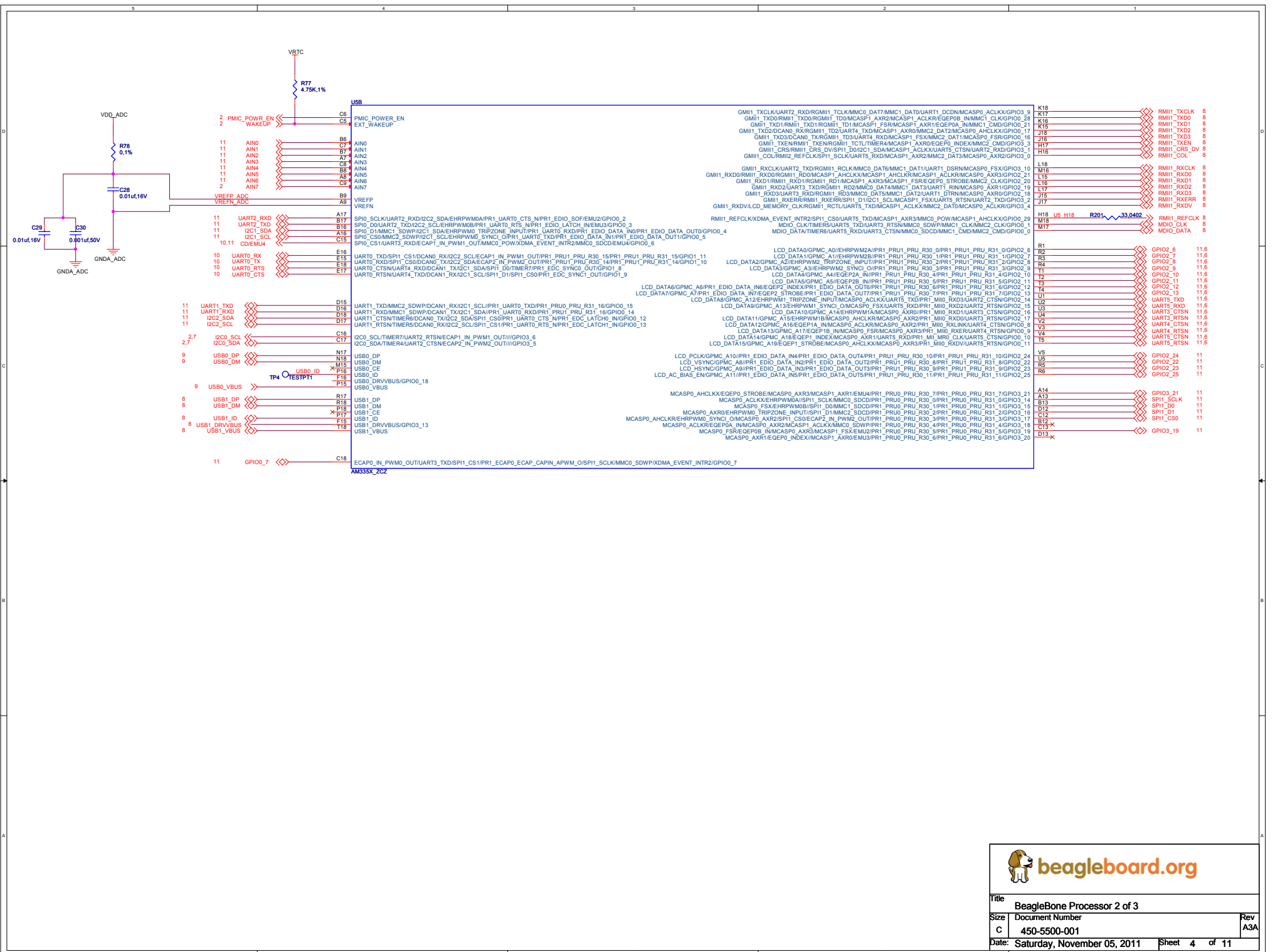
## EXPANSION HEADER



|                                      |                                 |            |
|--------------------------------------|---------------------------------|------------|
| Title<br>BeagleBone Power Management |                                 |            |
| Size<br>B                            | Document Number<br>450-5500-001 | Rev<br>A3A |
| Date:<br>Saturday, November 05, 2011 | Sheet<br>2                      | of<br>11   |

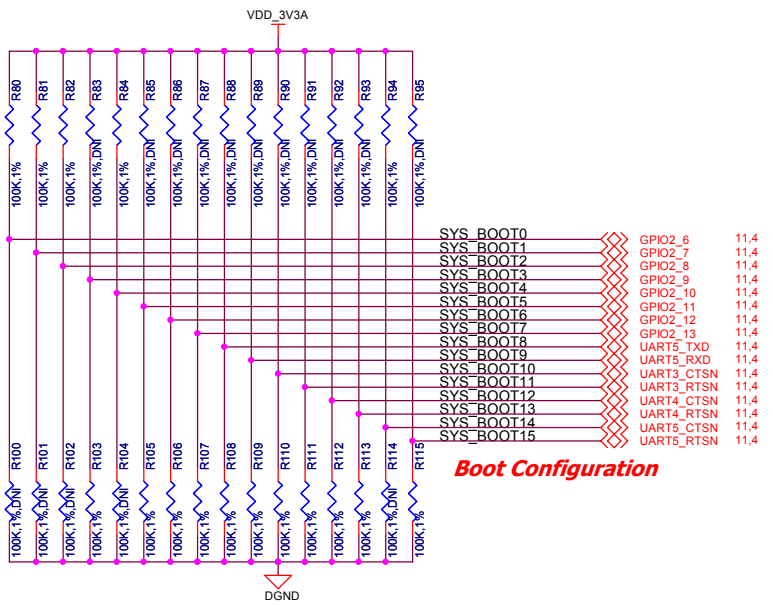


|       |                             |                             |     |       |
|-------|-----------------------------|-----------------------------|-----|-------|
| Title |                             | BeagleBone Processor 1 of 3 | Rev | ASA   |
| Size  |                             | Document Number             |     |       |
| C     | 450-5500-001                |                             |     |       |
| Date: | Saturday, November 05, 2011 | Sheet                       | 3   | of 11 |

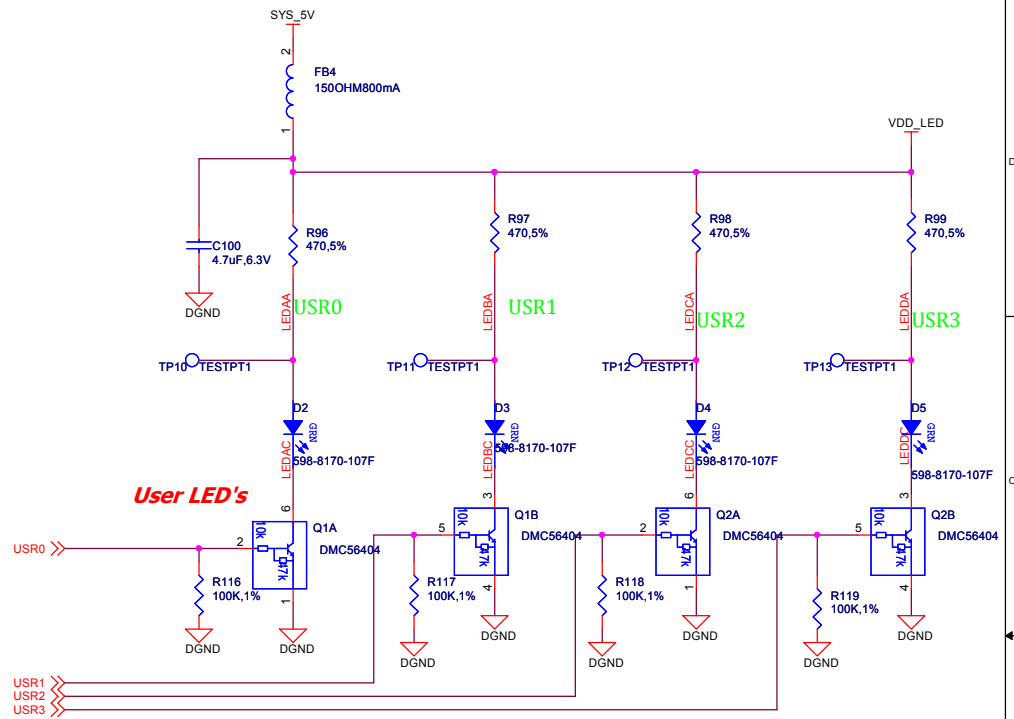


|       |  |  |                             |  |               |
|-------|--|--|-----------------------------|--|---------------|
| Title |  |  | BeagleBone Processor 2 of 3 |  |               |
| Size  |  |  | Document Number             |  |               |
| C     |  |  | 450-5500-001                |  | Rev<br>ASA    |
| Date: |  |  | Saturday, November 05, 2011 |  | Sheet 4 of 11 |

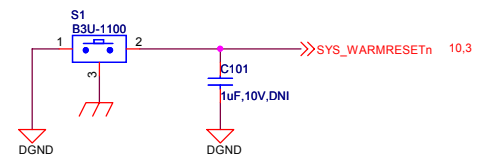




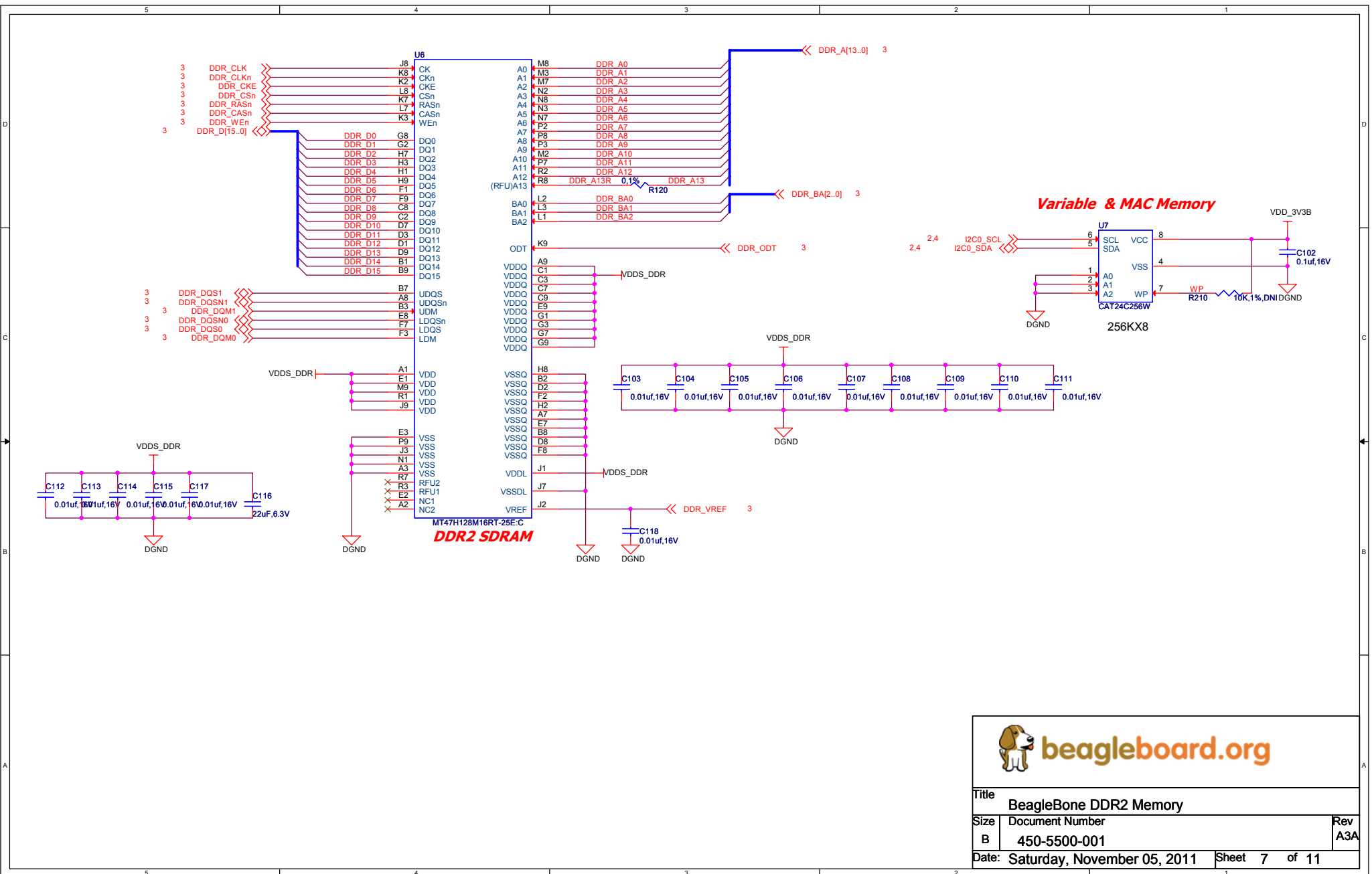
BOOT ORDER....MMC....SPI....UART ....USB.....24MHZ



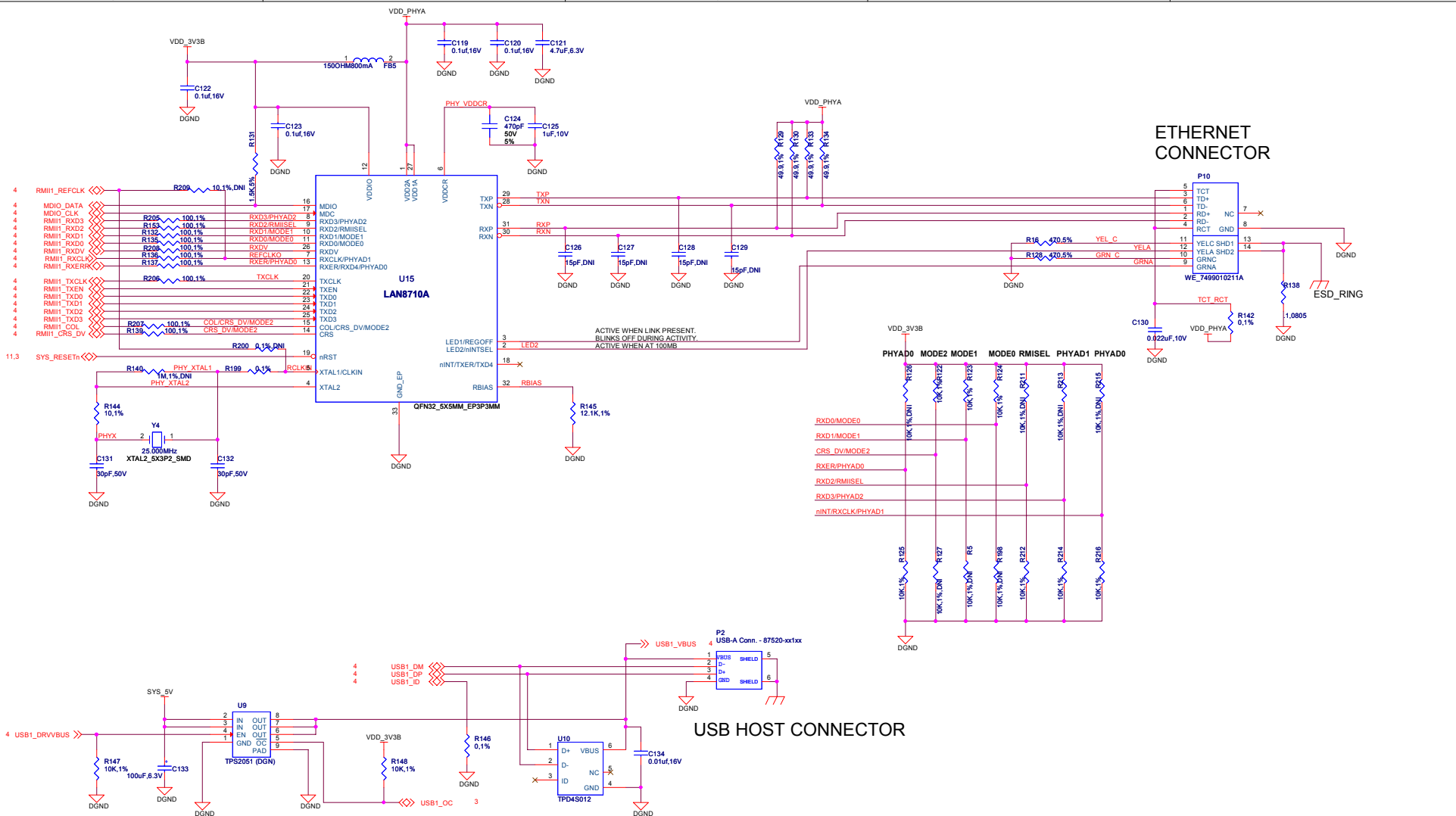
### RESET BUTTON



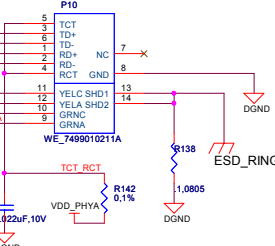
|   |                             |               |
|---|-----------------------------|---------------|
| Title                                   |                             |               |
| BeagleBone LED, Configuration and Reset |                             |               |
| Size                                    | Document Number             | Rev           |
| B                                       | 450-5500-001                | A3A           |
| Date:                                   | Saturday, November 05, 2011 | Sheet 6 of 11 |



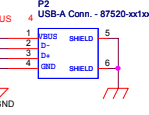
|       |                             |                        |
|-------|-----------------------------|------------------------|
| Title |                             | BeagleBone DDR2 Memory |
| Size  | Document Number             | Rev                    |
| B     | 450-5500-001                | A3A                    |
| Date: | Saturday, November 05, 2011 | Sheet 7 of 11          |



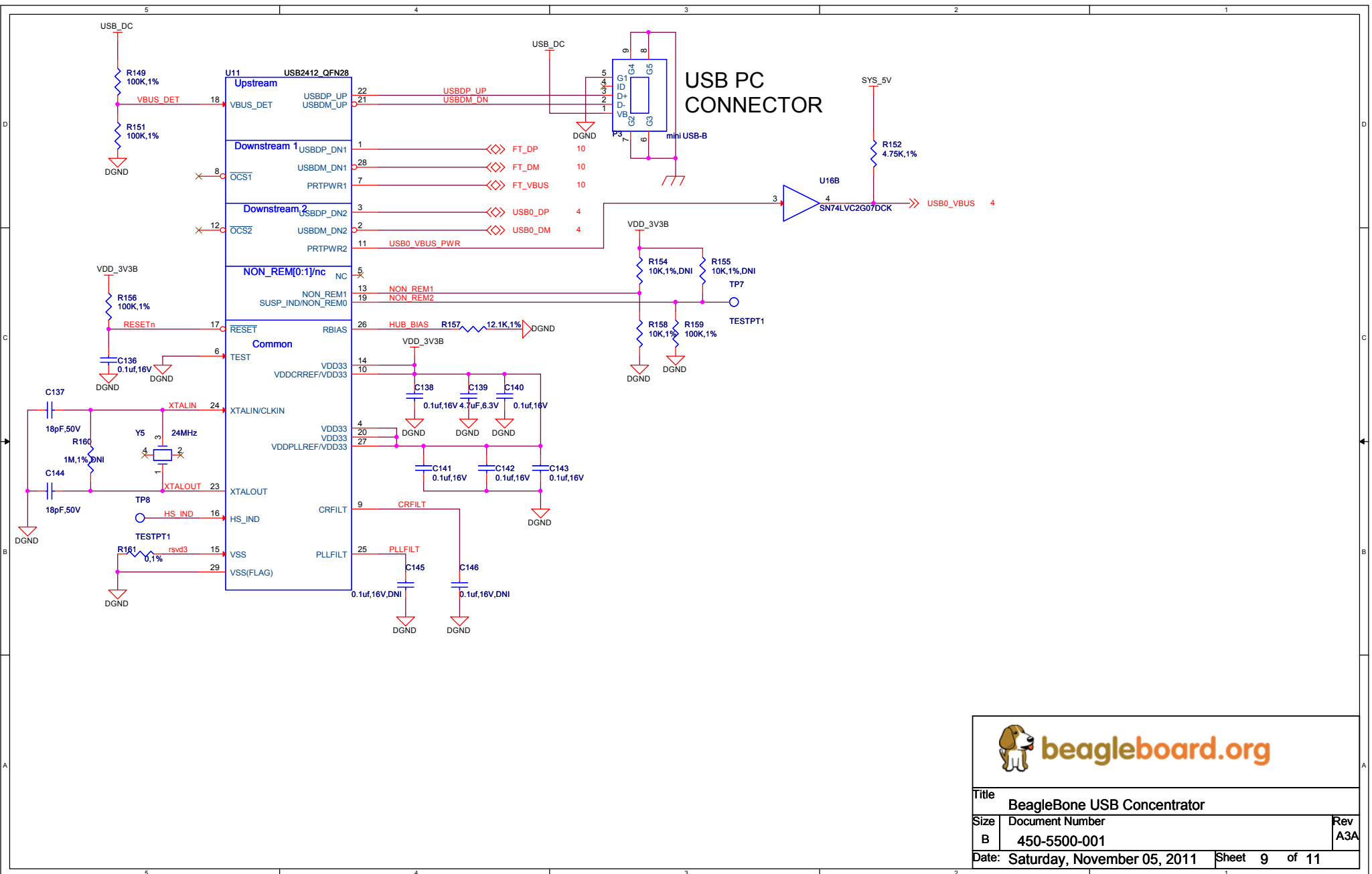
### ETHERNET CONNECTOR



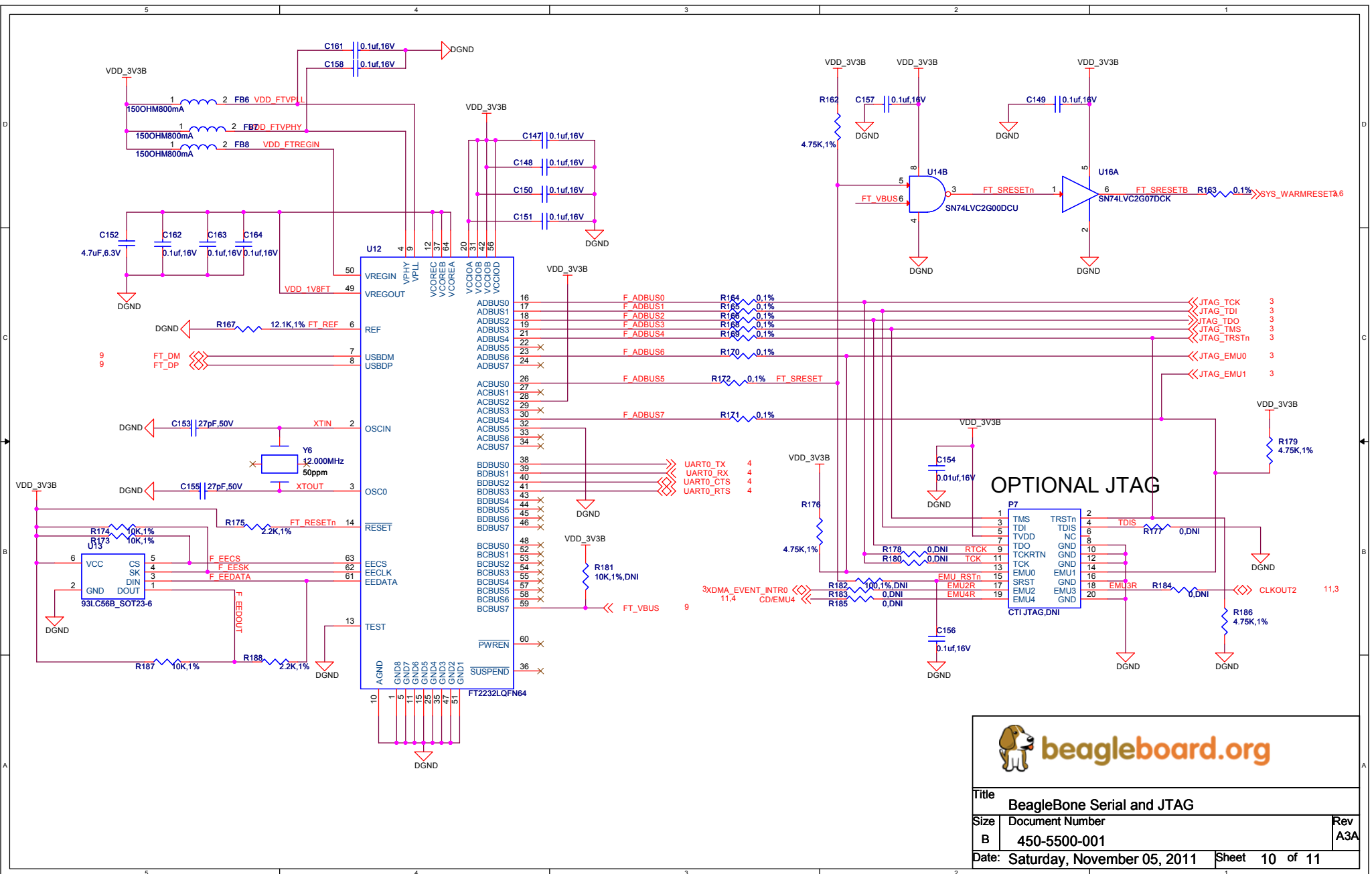
### USB HOST CONNECTOR







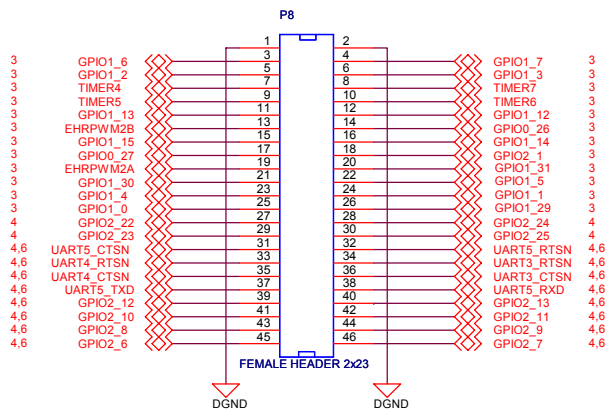
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|-------|-----------------------------|-----------------------------|---------|
| Title |                             | BeagleBone USB Concentrator |         |
| Size  | Document Number             | Rev                         |         |
| B     | 450-5500-001                | A3A                         |         |
| Date: | Saturday, November 05, 2011 | Sheet                       | 9 of 11 |



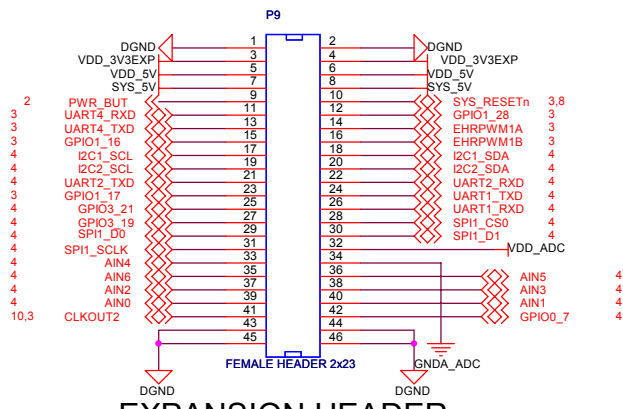
**OPTIONAL JTAG**



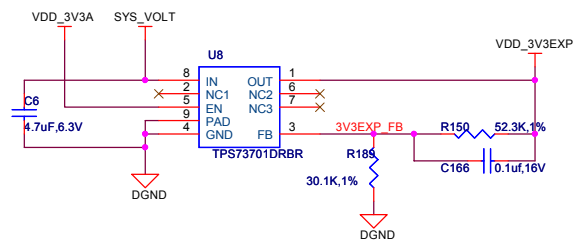
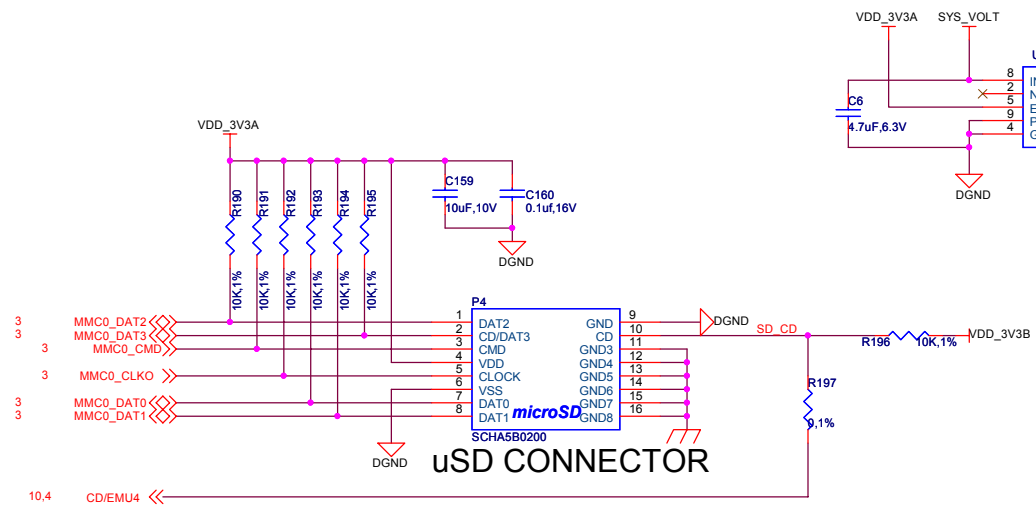
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|-------|-----------------------------|----------------------------|----------|
| Title |                             | BeagleBone Serial and JTAG |          |
| Size  | Document Number             | Rev                        |          |
| B     | 450-5500-001                | A3A                        |          |
| Date: | Saturday, November 05, 2011 | Sheet                      | 10 of 11 |



### EXPANSION HEADER



### EXPANSION HEADER



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|  |                             |                |
|--|-----------------------------|----------------|
| Title  |                             |                |
| BeagleBone Expansion Headers, SD/MMC and LDO |                             |                |
| Size   | Document Number             | Rev            |
| B  | 450-5500-001                | A3A            |
| Date:  | Saturday, November 05, 2011 | Sheet 11 of 11 |