


REV	Description	DATE	BY
v1	First release PCB version is v1	3/6/2015	QXN

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10	EXP CONN, uSD

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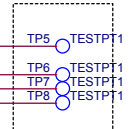
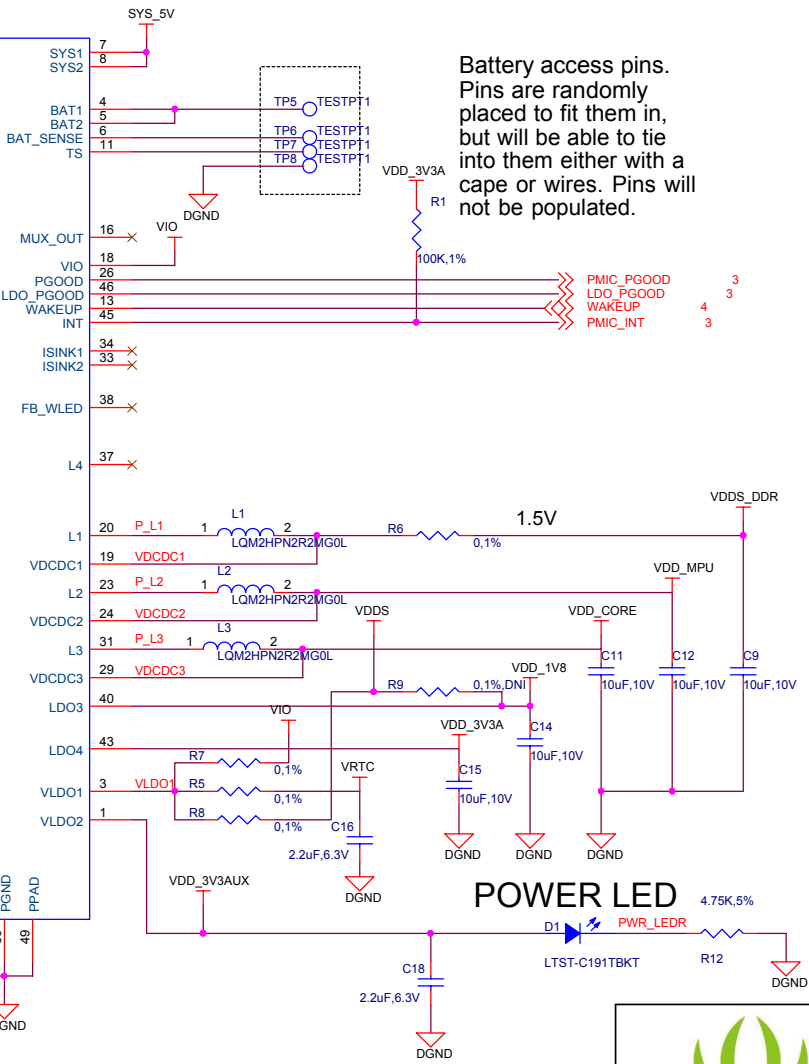
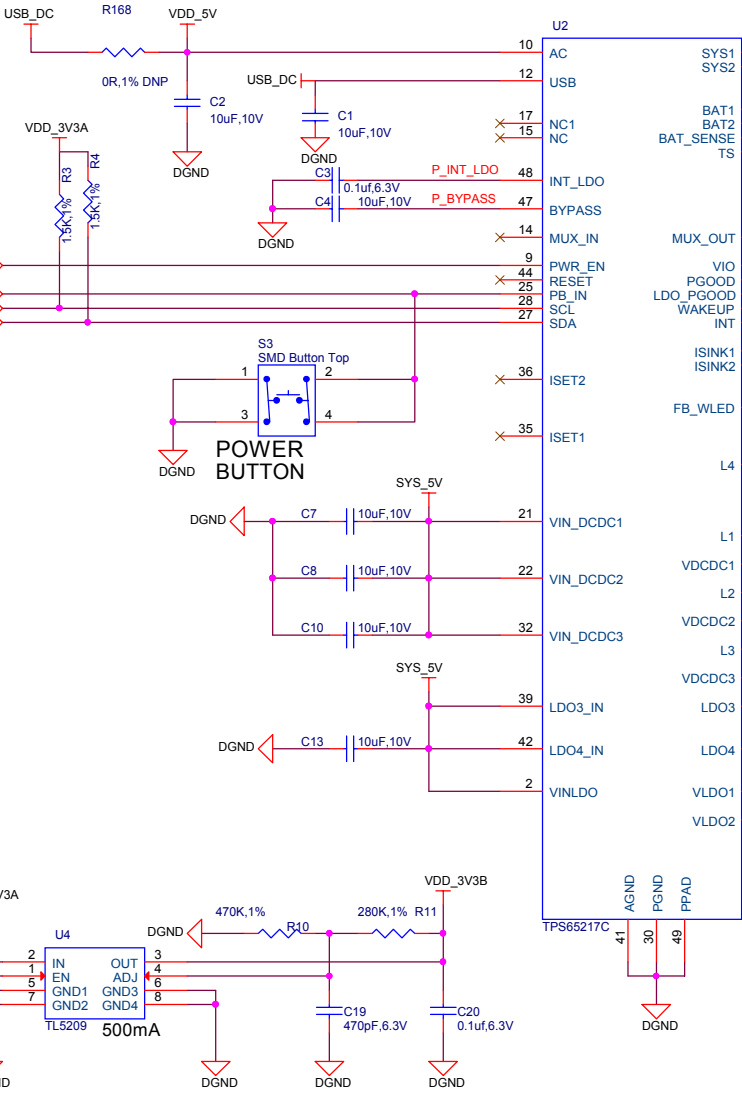
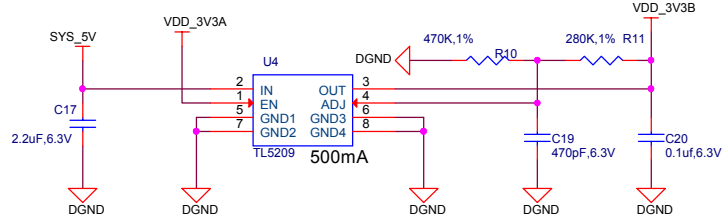
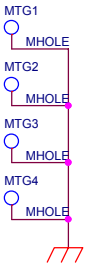
This schematic is **\*NOT SUPPORTED\*** and DOES NOT constitute a reference design. Only Community support is allowed via resources at [BeagleBoard.org/discuss](http://BeagleBoard.org/discuss).

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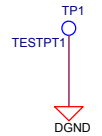
		
<b>seeed</b> studio Grow the Difference		
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select wether the  
usb can provide 1A  
current power

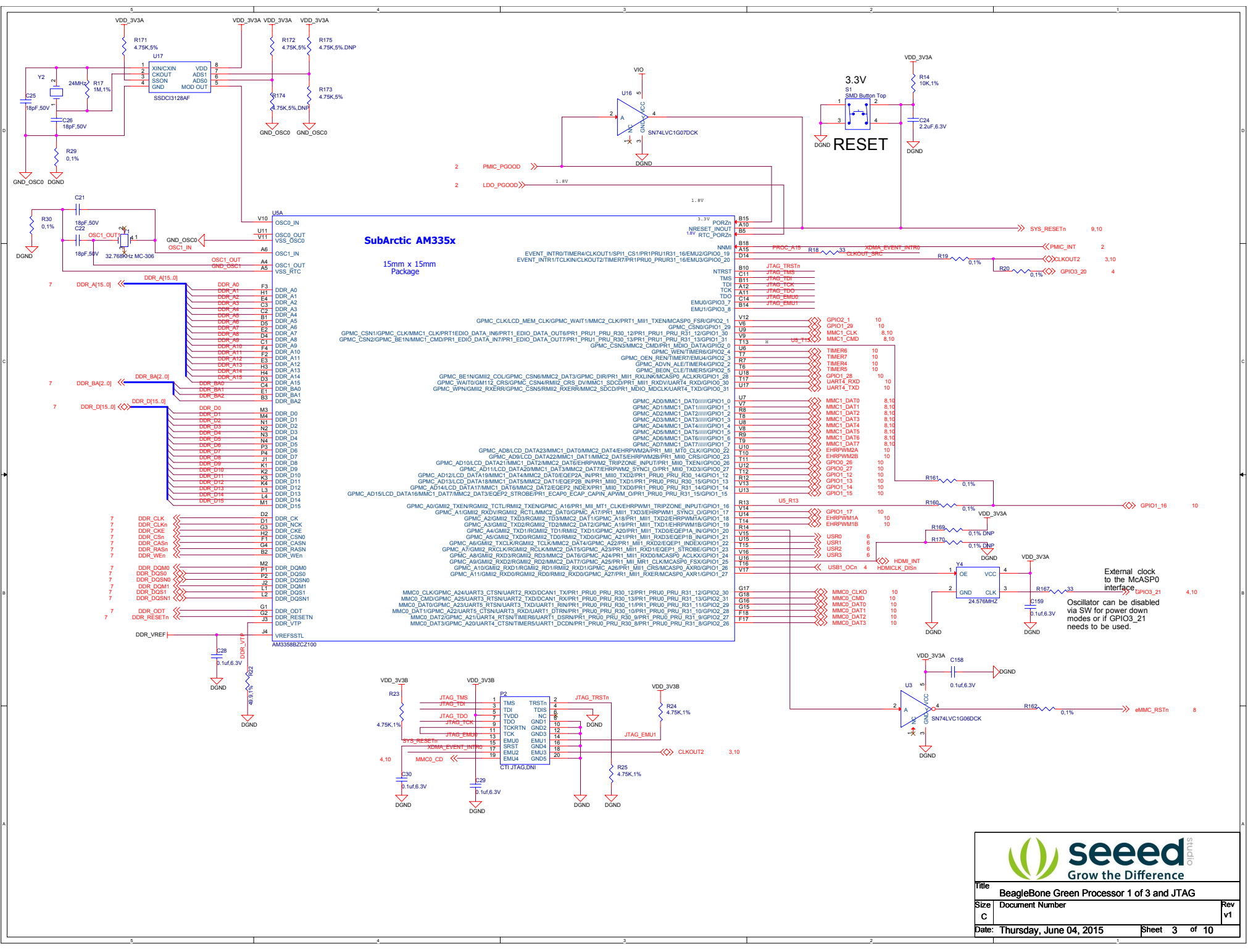
4 PMIC\_POWER\_EN  
10 PWR\_BTN  
4,10 I2C0\_SCL  
4,10 I2C0\_SDA

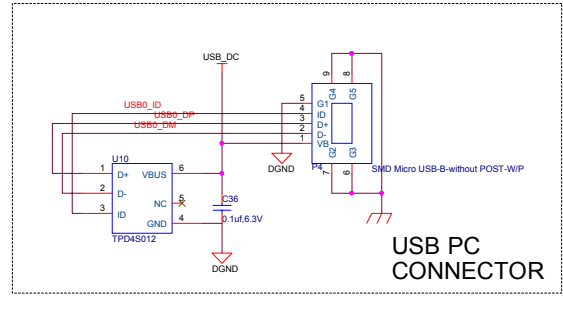
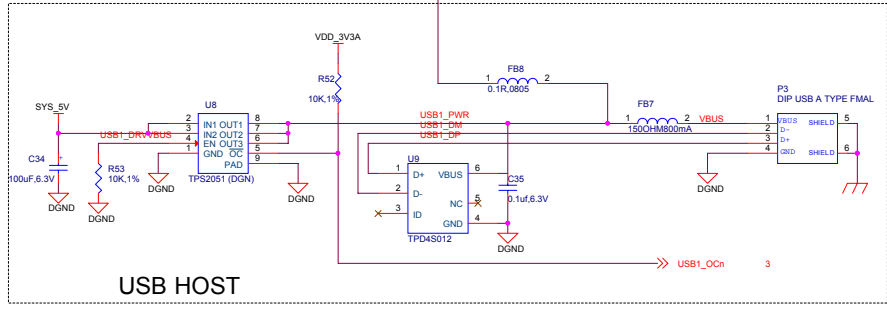


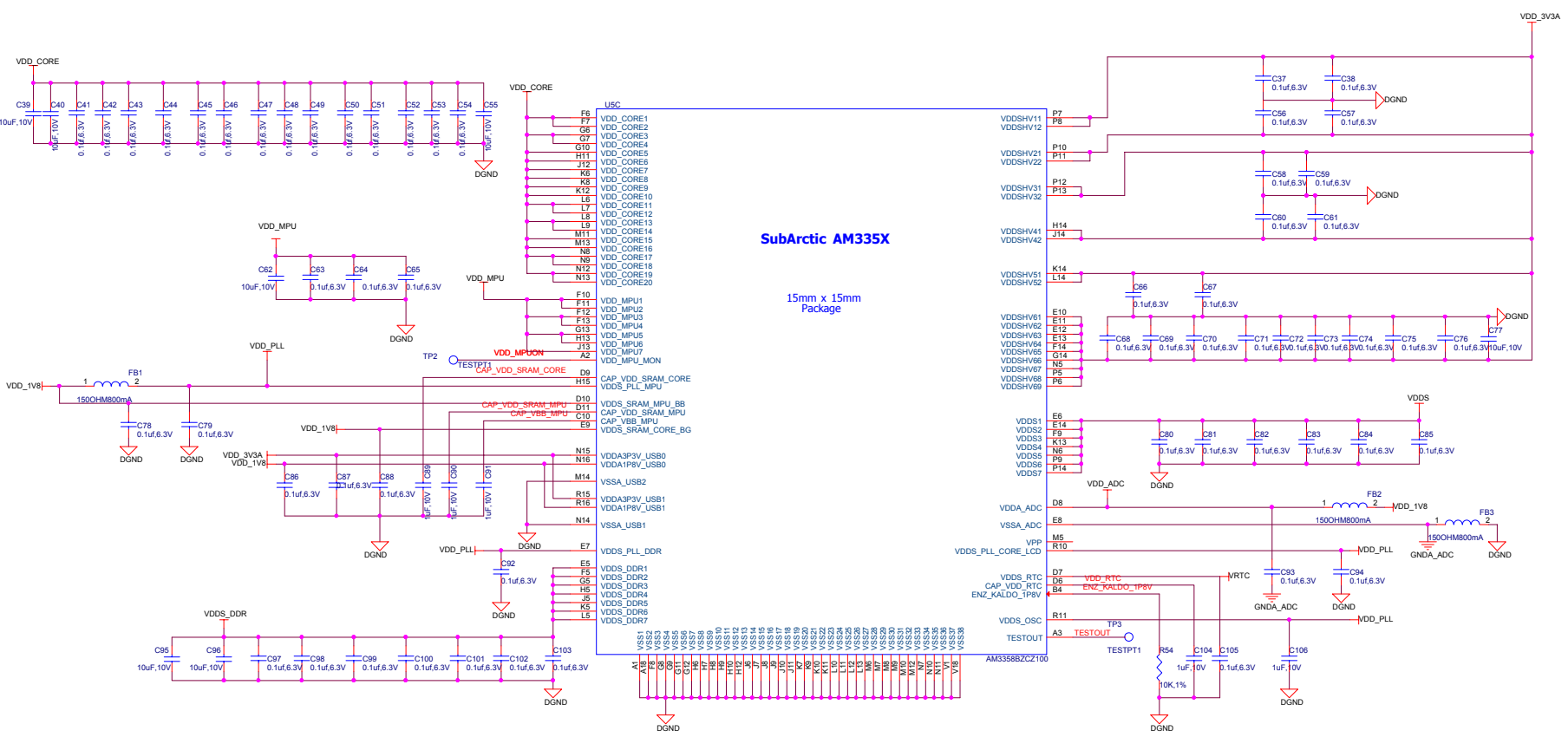
Battery access pins.  
Pins are randomly  
placed to fit them in,  
but will be able to tie  
into them either with a  
cape or wires. Pins will  
not be populated.



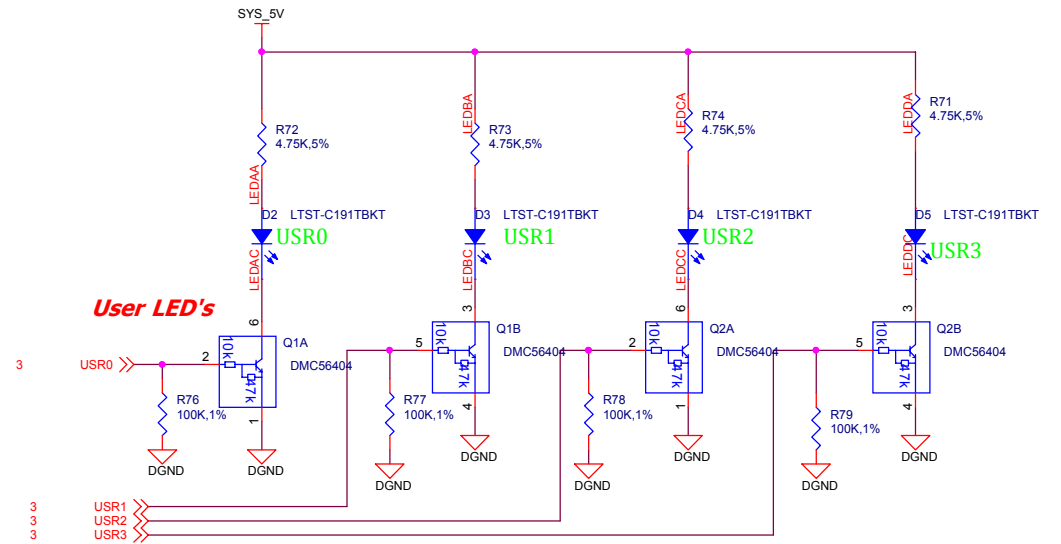
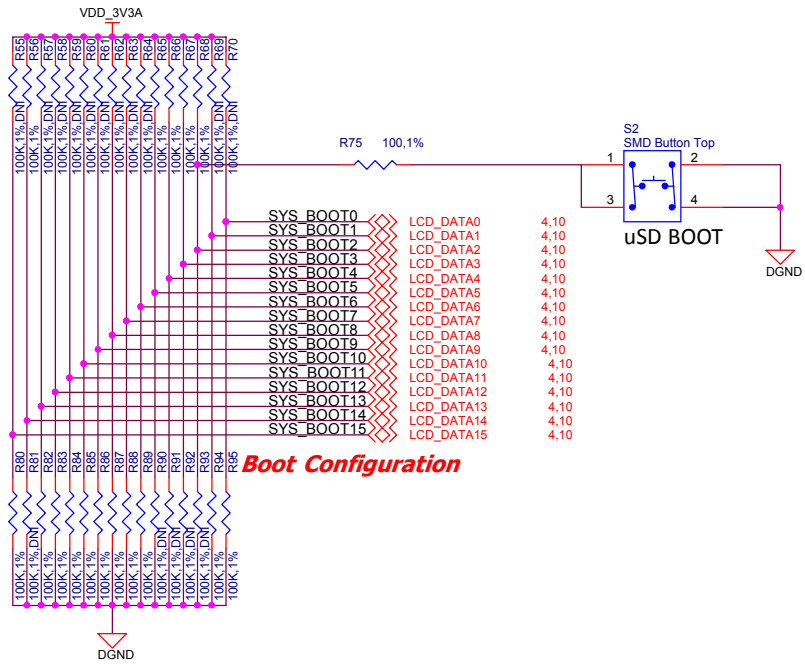
Title: BeagleBone Green Power Management		
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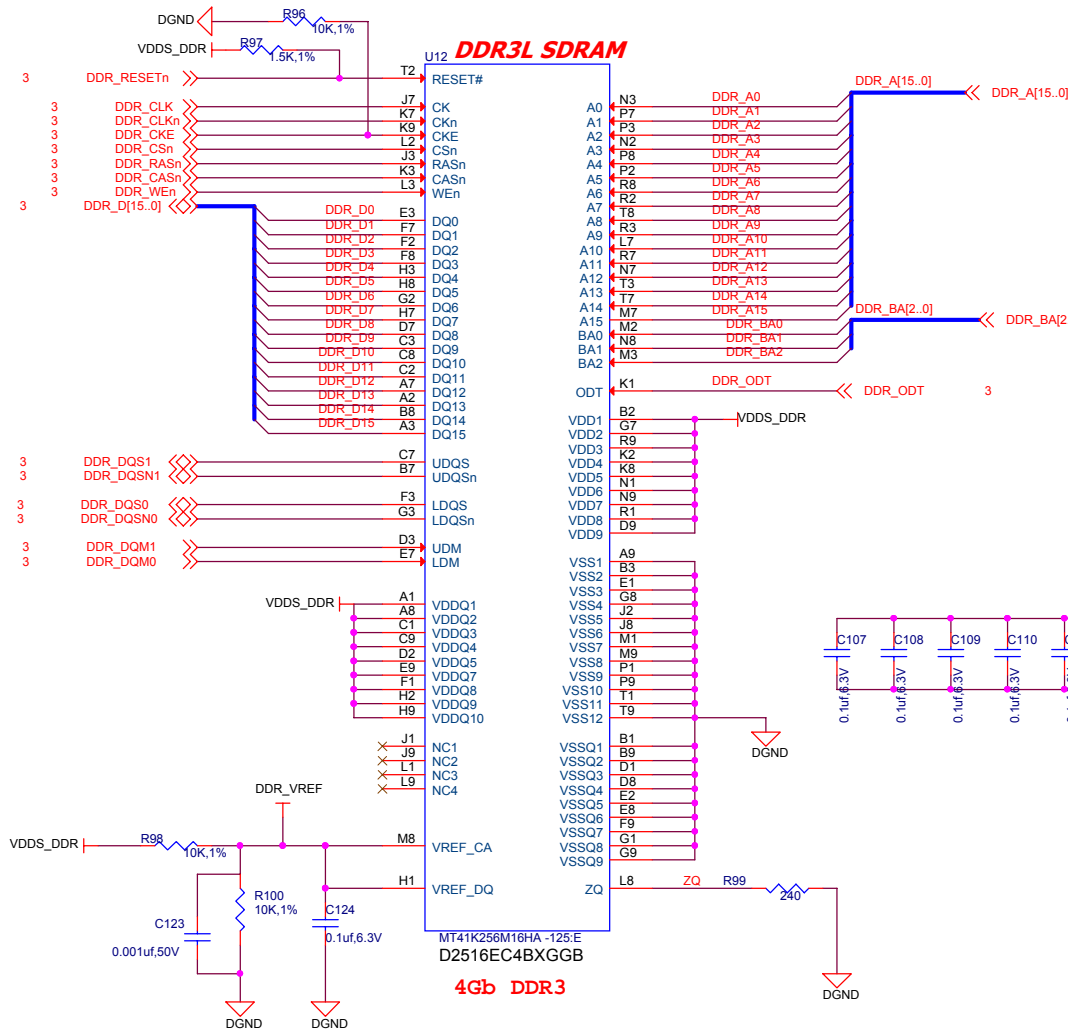
**SubArctic AM335X**  
15mm x 15mm Package



SYSBOOT[15:14]	SYSBOOT[13:12]	SYSBOOT[11:10]	SYSBOOT[9]	SYSBOOT[8]	SYSBOOT[7:6]	SYSBOOT[5]	SYSBOOT[4:0]	Boot Sequence			
00b = 19.2MHz 01b = 24MHz 10b = 25MHz 11b = 26MHz	00b (all other values reserved)	Don't care for ROM code	Don't care for ROM code	Don't care for ROM code	Don't care for ROM code	0 = CLKOUT1 disabled 1 = CLKOUT1 enabled	11100b	MMC1	MMC0	UART0	USB0[5]
00b = 19.2MHz 01b = 24MHz 10b = 25MHz 11b = 26MHz	00b (all other values reserved)	Don't care for ROM code	Don't care for ROM code	Don't care for ROM code	Don't care for ROM code	0 = CLKOUT1 disabled 1 = CLKOUT1 enabled	11000b	SPI0	MMC0	USB0[5]	UART0

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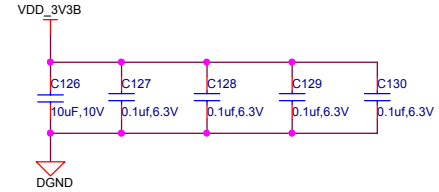
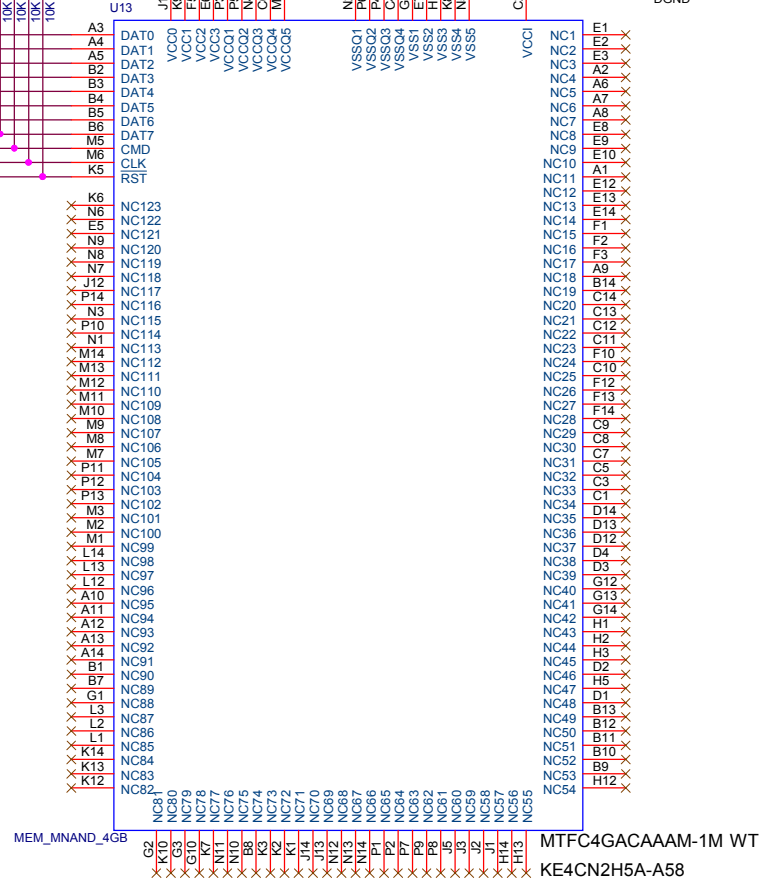
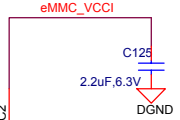
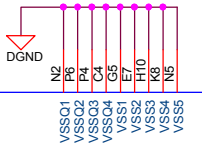
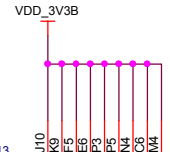
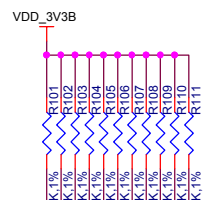

Title	BeagleBone Green LED, Configuration, and Reset	
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Title		
BeagleBone Green DDR3 Memory		
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3.10  
3.10  
3.10  
3.10  
3.10  
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3.10  
3.10  
3

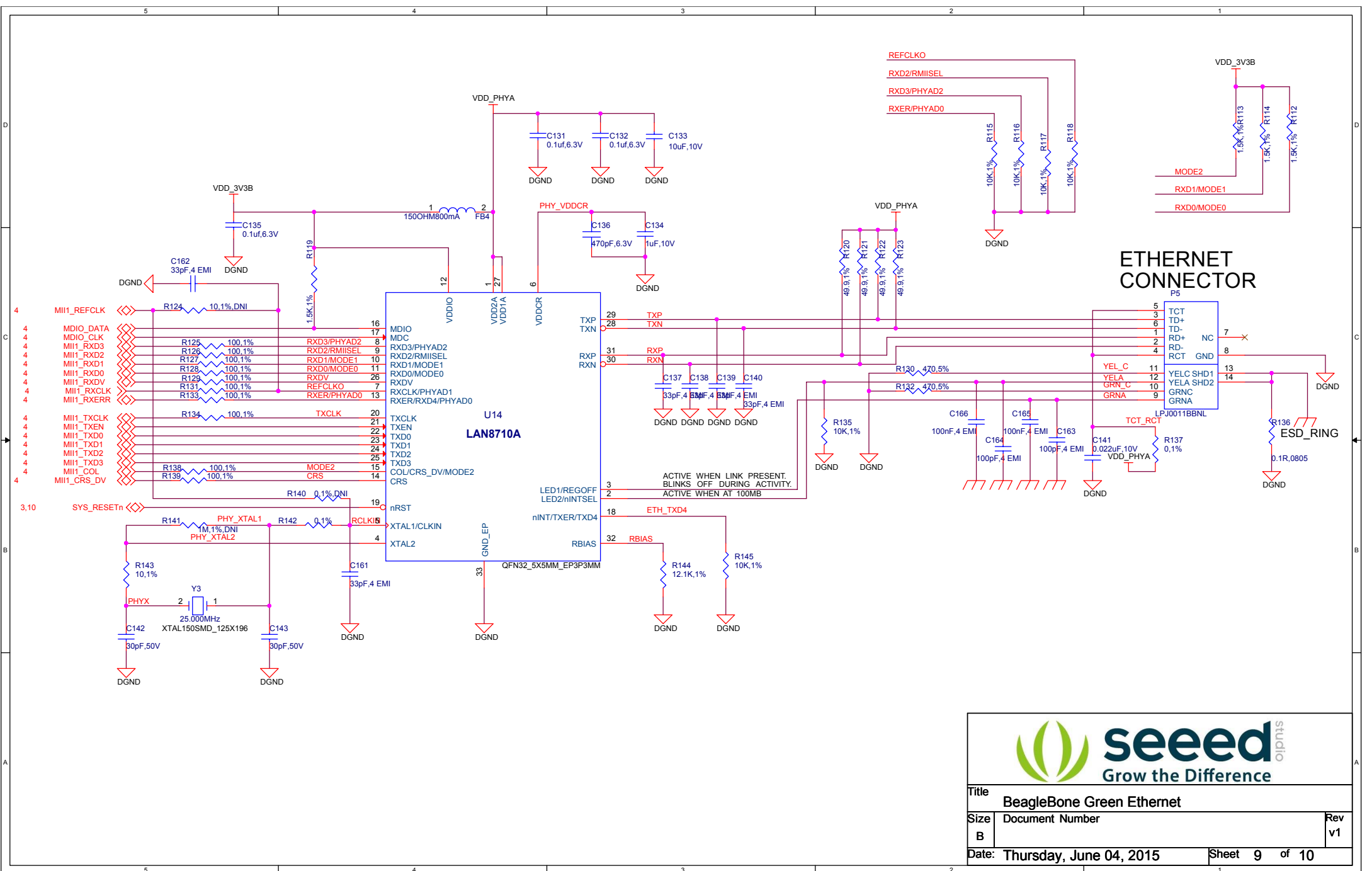
MMC1\_DAT0  
MMC1\_DAT1  
MMC1\_DAT2  
MMC1\_DAT3  
MMC1\_DAT4  
MMC1\_DAT5  
MMC1\_DAT6  
MMC1\_DAT7  
MMC1\_CMD  
MMC1\_CLK  
eMMC\_RSTn

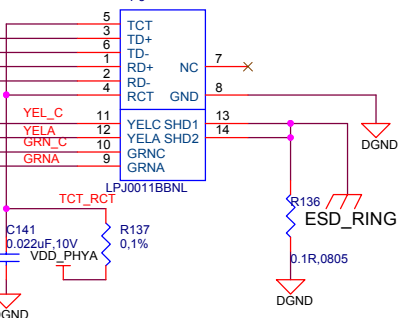
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Title		BeagleBone Green 4G eMMC
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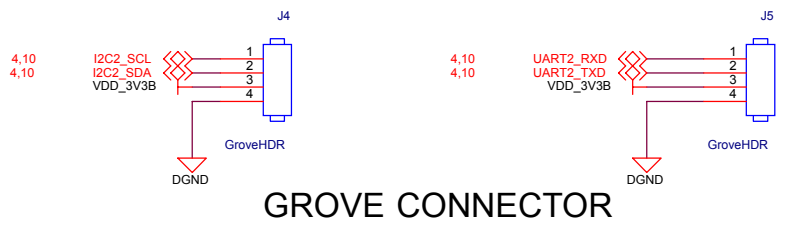
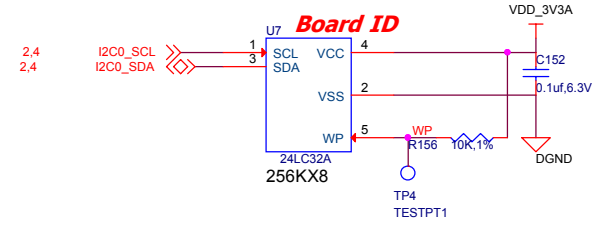
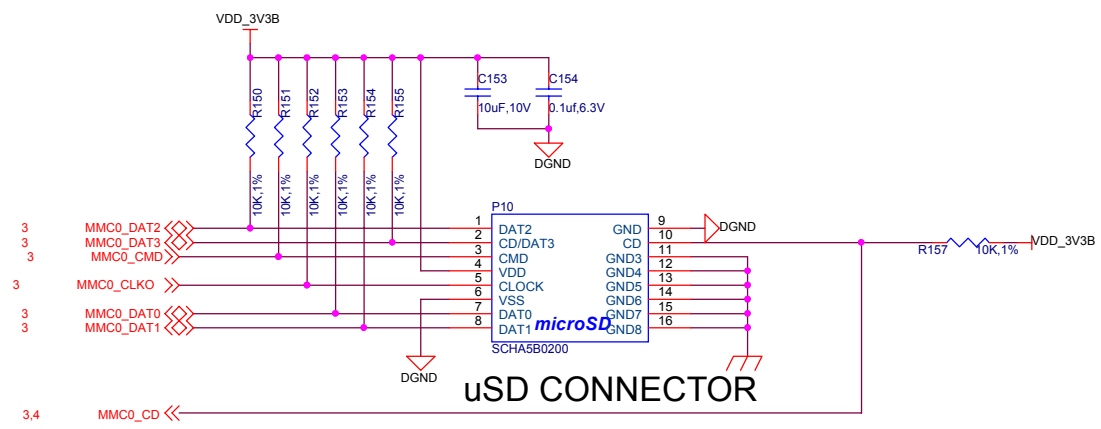
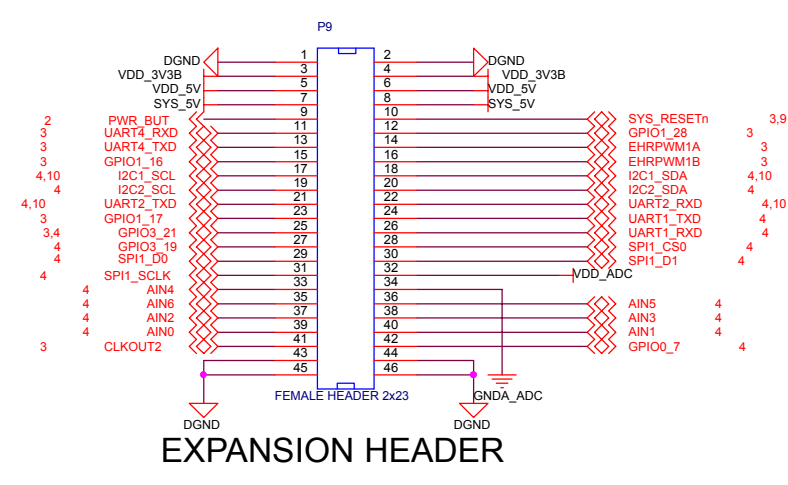
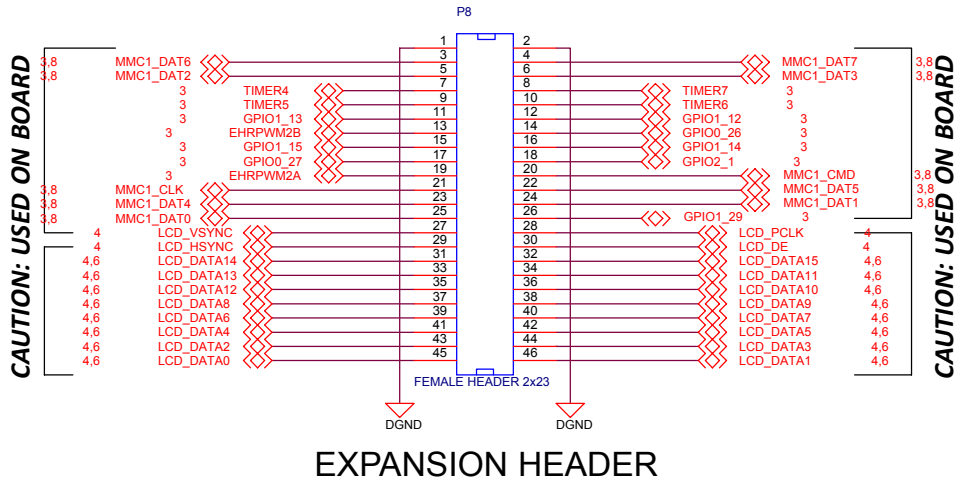




### ETHERNET CONNECTOR



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**seed studio**  
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Title: BeagleBone Green Expansion Headers, uSD and EEPROM

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