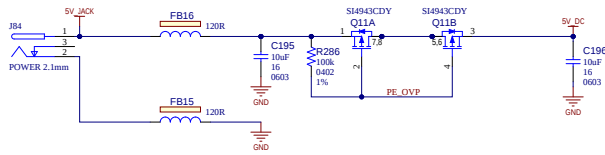
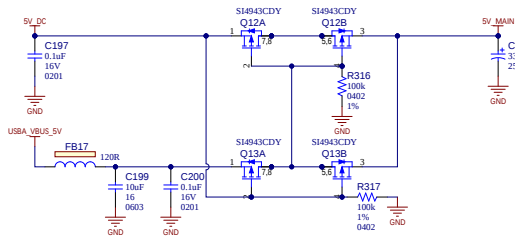


# PWR-Entry

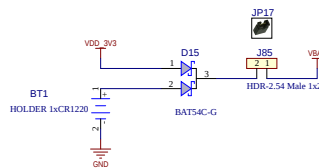
## 5V Power Supply



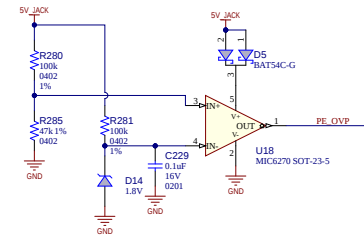
## Automatic Power Switch



## Backup Battery



## Scaled OVP 1.8V Vref Trip~5.6V



|                                 |                                                |                                                                                                      |                                                                                                                                                        |
|---------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Owner:<br>SMS           |                                                |  <b>MICROCHIP</b> |                                                                                                                                                        |
| PCB Layout Contact:<br>SMS      |                                                |                                                                                                      |                                                                                                                                                        |
| PartNumber:<br>02-01341         | Project Title<br><b>SAMA7D65 Curiosity Pro</b> | Variant: <u>Standard</u>                                                                             |                                                                                                                                                        |
| Sheet Title<br><b>PWR-Entry</b> |                                                |                                                                                                      |                                                                                                                                                        |
| Size B                          | SCHEMATIC:<br>PCB # 04-12-802                  | Rev: 1                                                                                               | Date: 13 May 2006                                                                                                                                      |
| File: PWR-Entry.SchDoc          |                                                | Rev: 1                                                                                               | Sheet 13 of 38                                                                                                                                         |
|                                 |                                                |                                                                                                      | Designed with<br><br><a href="http://www.altium.com">Altium.com</a> |

