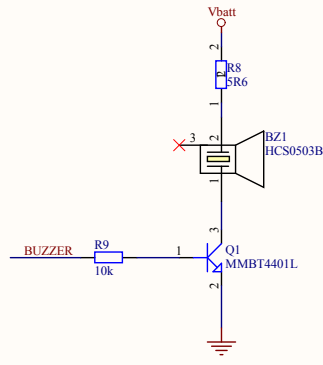
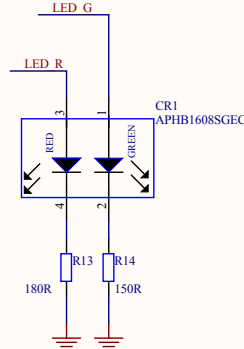


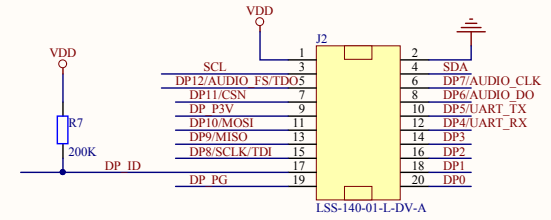
IR LED



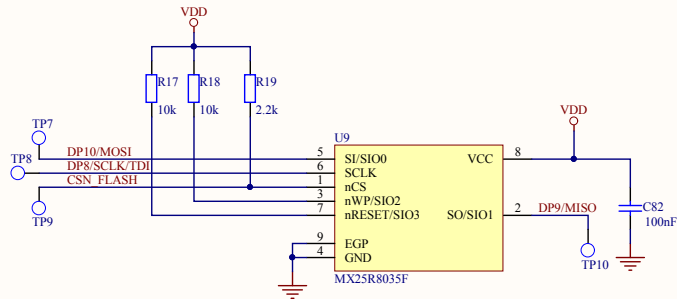
Buzzer



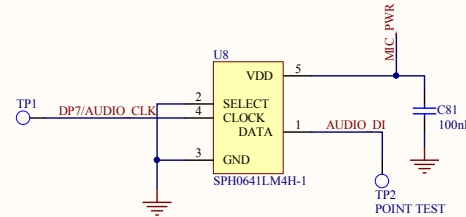
Red/Green LED



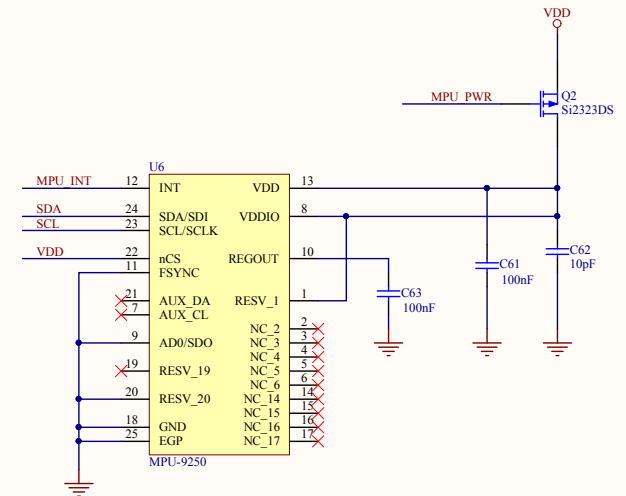
DevPack Connector  
(same as on Sensor Tag 2.0)



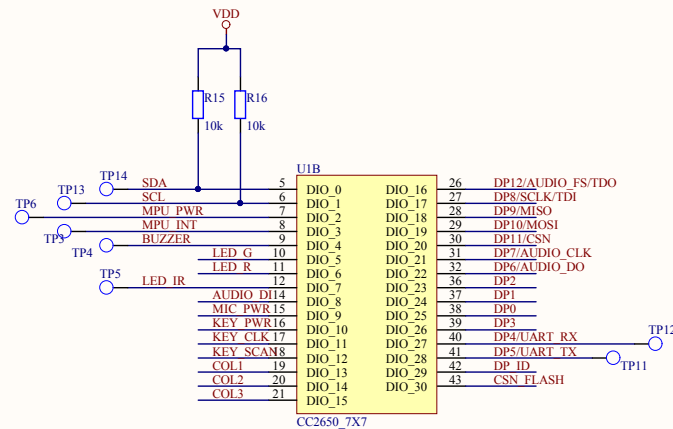
External Storage



Digital Microphone



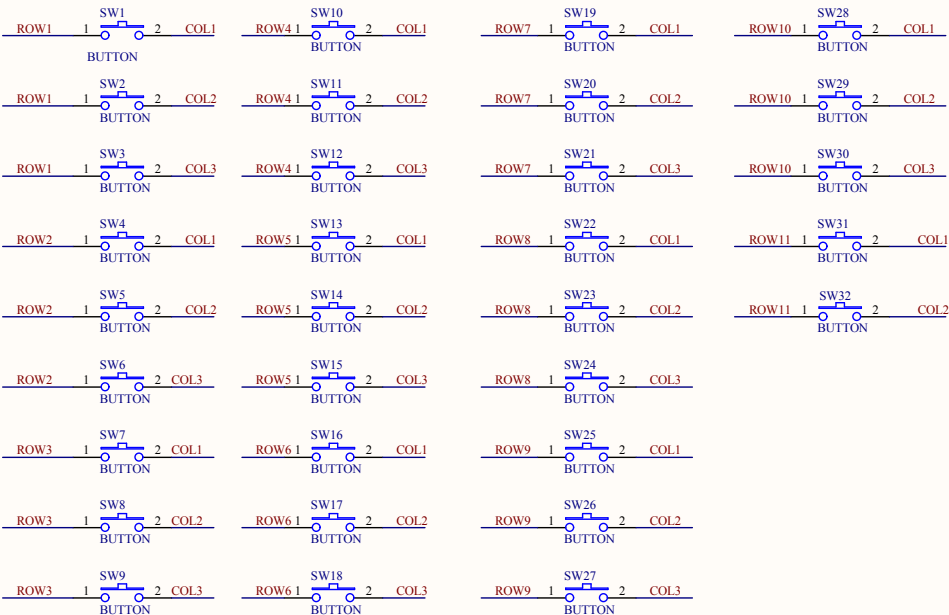
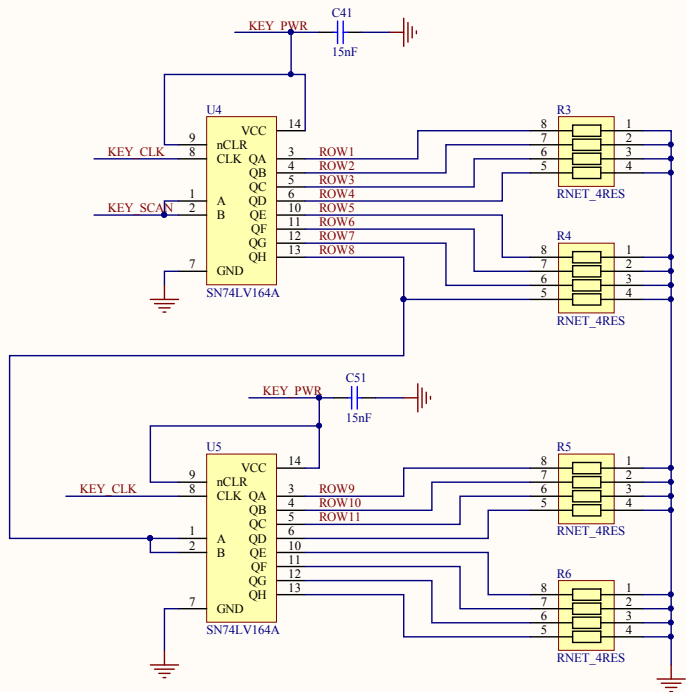
9- Axis sensor  
I2C adresse : 0x68



CC26xx IO Pins



|            |   |           |   |
|------------|---|-----------|---|
| Size :     | A3  | Project : | CC2650 Remote Control 4MOD1106              |
| Corporate: | 4MOD TECHNOLOGY<br>PARC DESCARTES<br>Avenue Descartes - Bat 4B<br>33370 Artigues Près Bordeaux (FRANCE) | Title :   | CC2650RC_4MOD1106_periph_part_rev1.2.SchDoc |
| Customer : | Texas Instruments   | Revision: | 1.2   |
| Drawn by : | LL  | Date :    | 2/24/2016                                   |
|            |   | Sheet     | 2 of 3                                      |

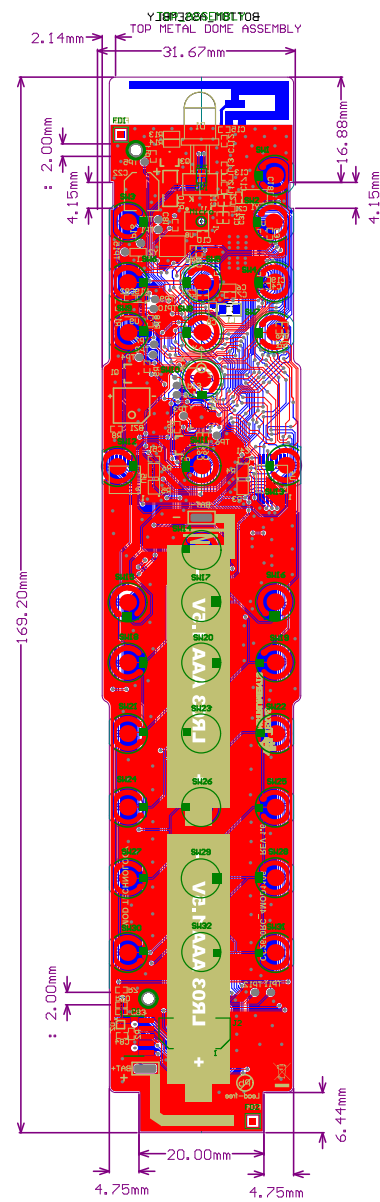


Key Matrix :

- 31 keys , 3 columns, 11 Rows
- Shift registers used to cycle throught the rows to reduce number of required IOs



|            |  |            |   |                              |
|------------|--|------------|---|------------------------------|
| Size :     | A3   | Project :  | CC2650 Remote Control 4MOD1106              |                              |
| Corporate: | <b>4MOD</b><br><b>TECHNOLOGY</b><br>PARC DESCARTES<br>Avenue Descartes - Bat 4B<br>33370 Artigues Près Bordeaux (FRANCE) | Title :    | CC2650RC_4MOD1106_keypad_part_rev1_2.SchDoc |                              |
|            |  | Customer : | Texas Instruments                           | Revision: 1.2                |
|            |  | Drawn by : | LL  | Date: 2/24/2016 Sheet 3 of 3 |



### PCB SETTING

|                       |        |
|-----------------------|--------|
| NUMBER LAYERS         | 2      |
| PATTERN / DRILL CLASS | 8D     |
| PCB MATERIAL          | FR4    |
| PCB_THICKNESS         | 1.55mm |
| COPPER_THICKNESS      | 35um   |
| SOLDERMASK            | green  |
| SILKSCREEN            | white  |
| FINISHED              | ENIG   |

|   |   |  |               |
|---|---|--|---------------|
| 4MOD TECHNOLOGY<br>Avenue Descartes<br>Parc Descartes<br>Batiment B<br>33370 ARTIGUES PRES BORDEAUX<br>FRANCE | ENGINEER:<br>LL                               | TITLE:<br>CC2650 REMOTE CONTROL_4MOD1106 |               |
|   | PCB DESIGNER:<br>LL                           |  |               |
|   | DATE:<br>24/02/2016                           | PART NO.:<br>CC2650RC_4MOD1106_rev1_6    | REV:<br>1.6   |
|   | FILE NAME:<br>CC2650RC_4MOD1106_rev1_6.PcbDoc | DWG NO:<br>1                             | SCALE:<br>1:1 |