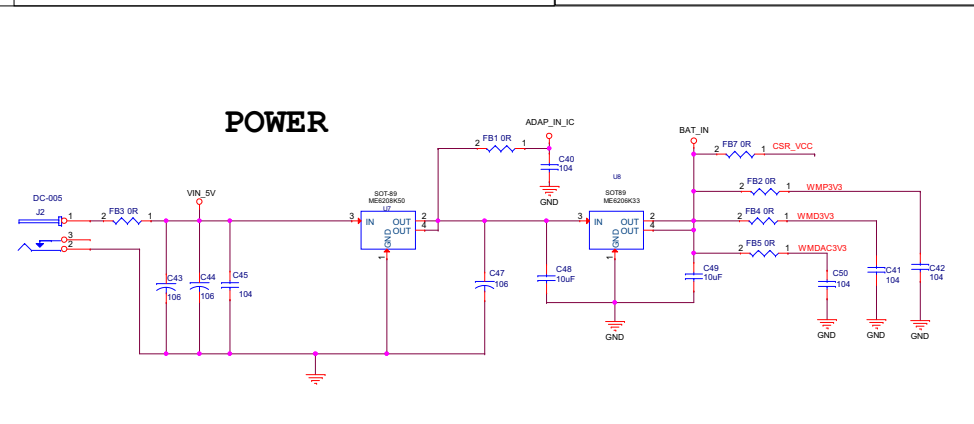
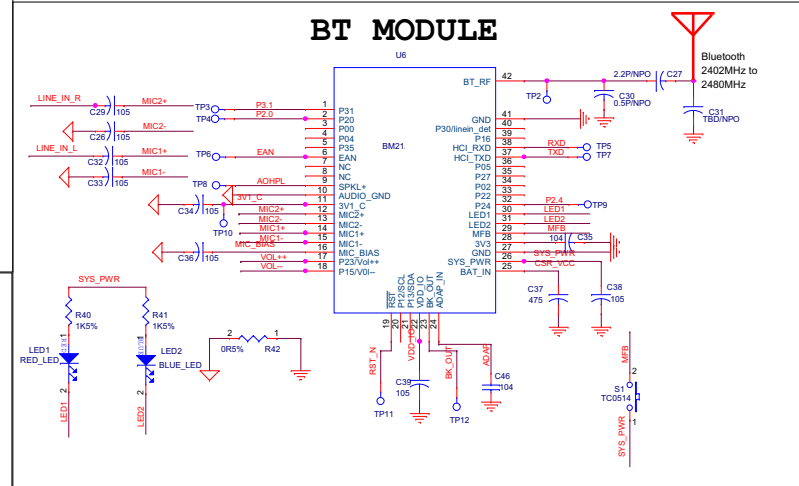
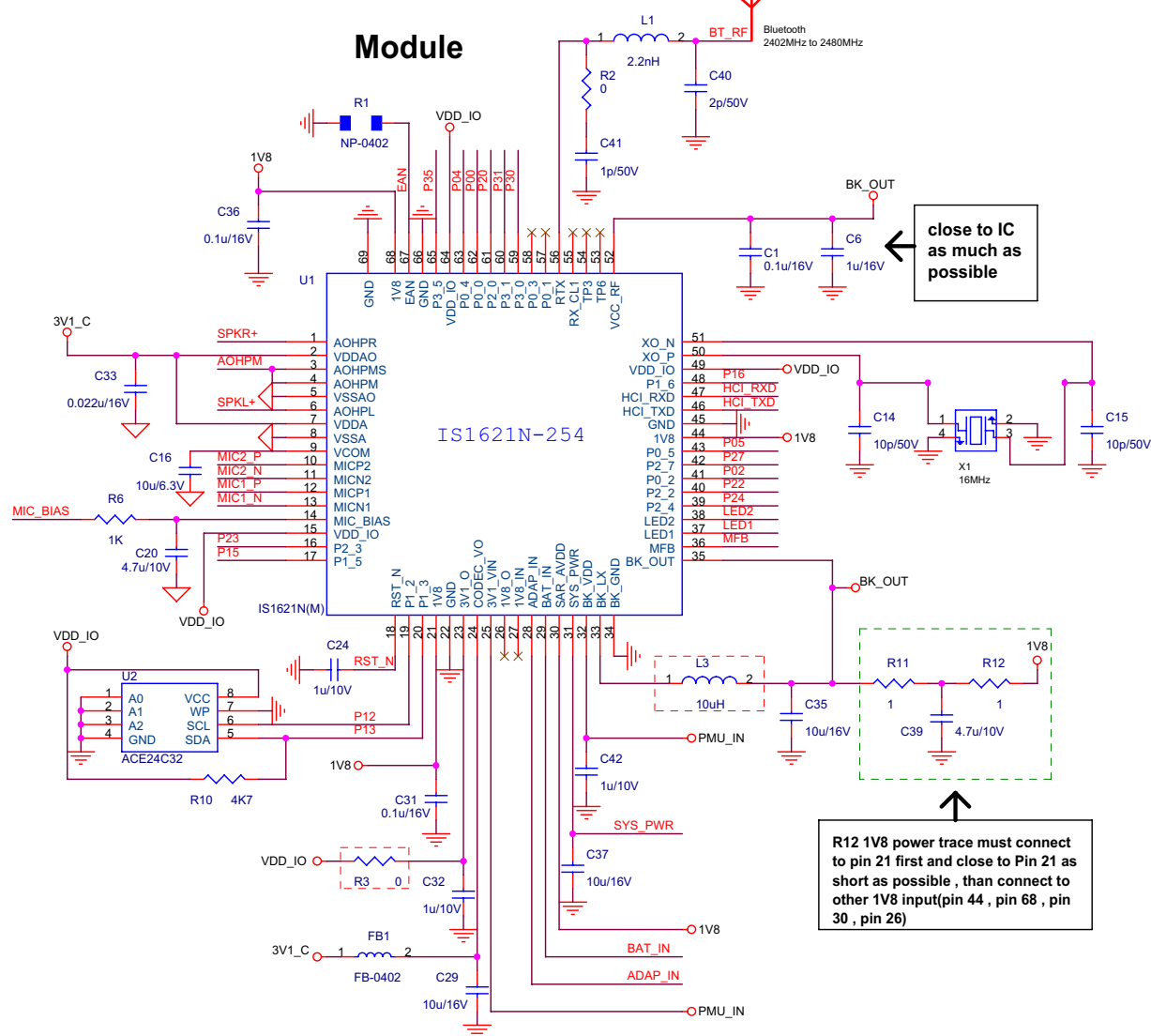


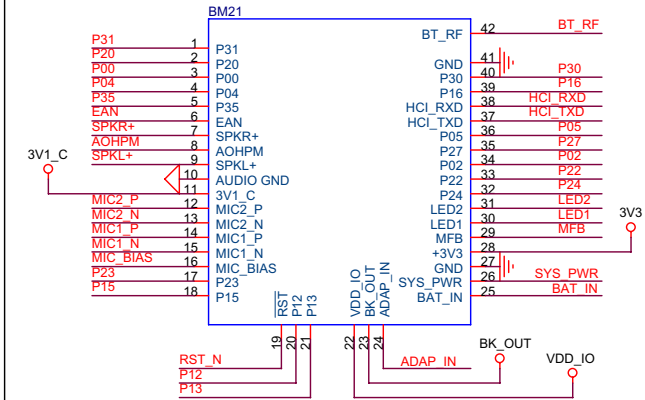
## DAC WM8524GEDT



## Module



## PIN DIFINATION



## GPIO vs. APPLICATION FUNCTION

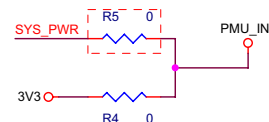
| GPIO | APPLICATION               | GPIO | APPLICATION          |
|------|---------------------------|------|----------------------|
| P00  | Ext. Power ON button      | P22  | Ext. Power ON enable |
| P04  | Audio Amp. Enable         | P02  | Play/Pause           |
| P35  | Buzzer Driver (*Optional) | P27  | Forward              |
| P23  | Volume +                  | P05  | Reverse              |
| P15  | Volume -                  | P16  | Audio Amp. Enable    |
| P12  | EEPROM_CLK                | P30  | FM Input detect      |
| P13  | EEPROM_DATA               |      |                      |

## CONFIGURATION TABLE

| P2_0 | P2_4 | MODE        |
|------|------|-------------|
| H    | H    | APPLICATION |
| L    | H    | IBDK MODE   |
| L    | L    | BOOT MODE   |

EAN L: EXT FLASH, H: INT ROM

|      | R3  | R4  | R5  | L3   | D1       | D2       |
|------|-----|-----|-----|------|----------|----------|
| BUCK | 0 R | NP  | 0 R | 10uH | NP       | NP       |
| LDO  | NP  | 0 R | NP  | NP   | CDSU400B | CDSU400B |



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Designer: Thomas Ke

|            |                          |                       |          |
|------------|--------------------------|-----------------------|----------|
| Board Name |                          | BM21 Bluetooth Module | P/N      |
| Size B     | Title                    | ISSC EDR SPEAKER      | Rev V0.0 |
| Date:      | Thursday, April 28, 2011 | Sheet                 | 1 of 1   |