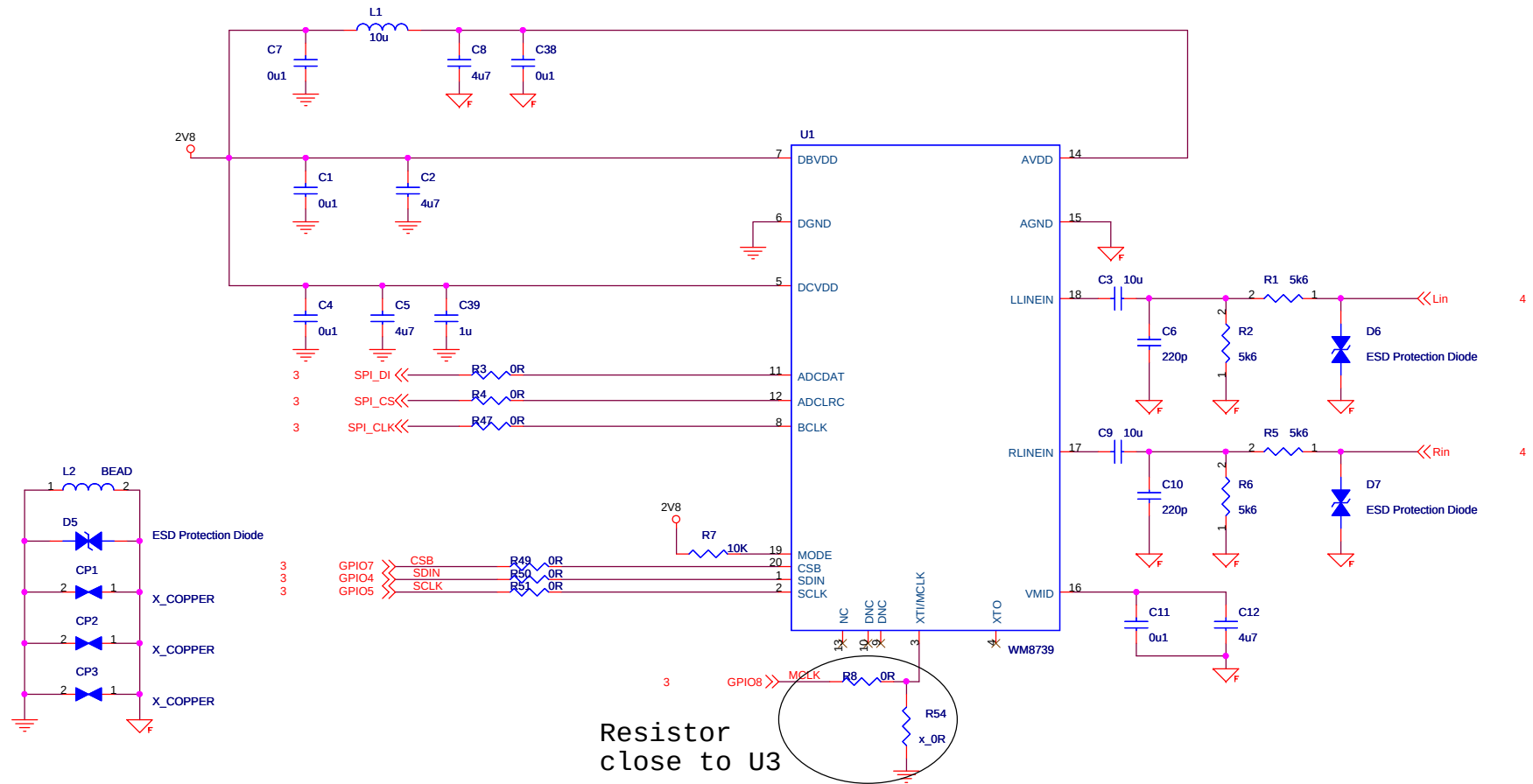


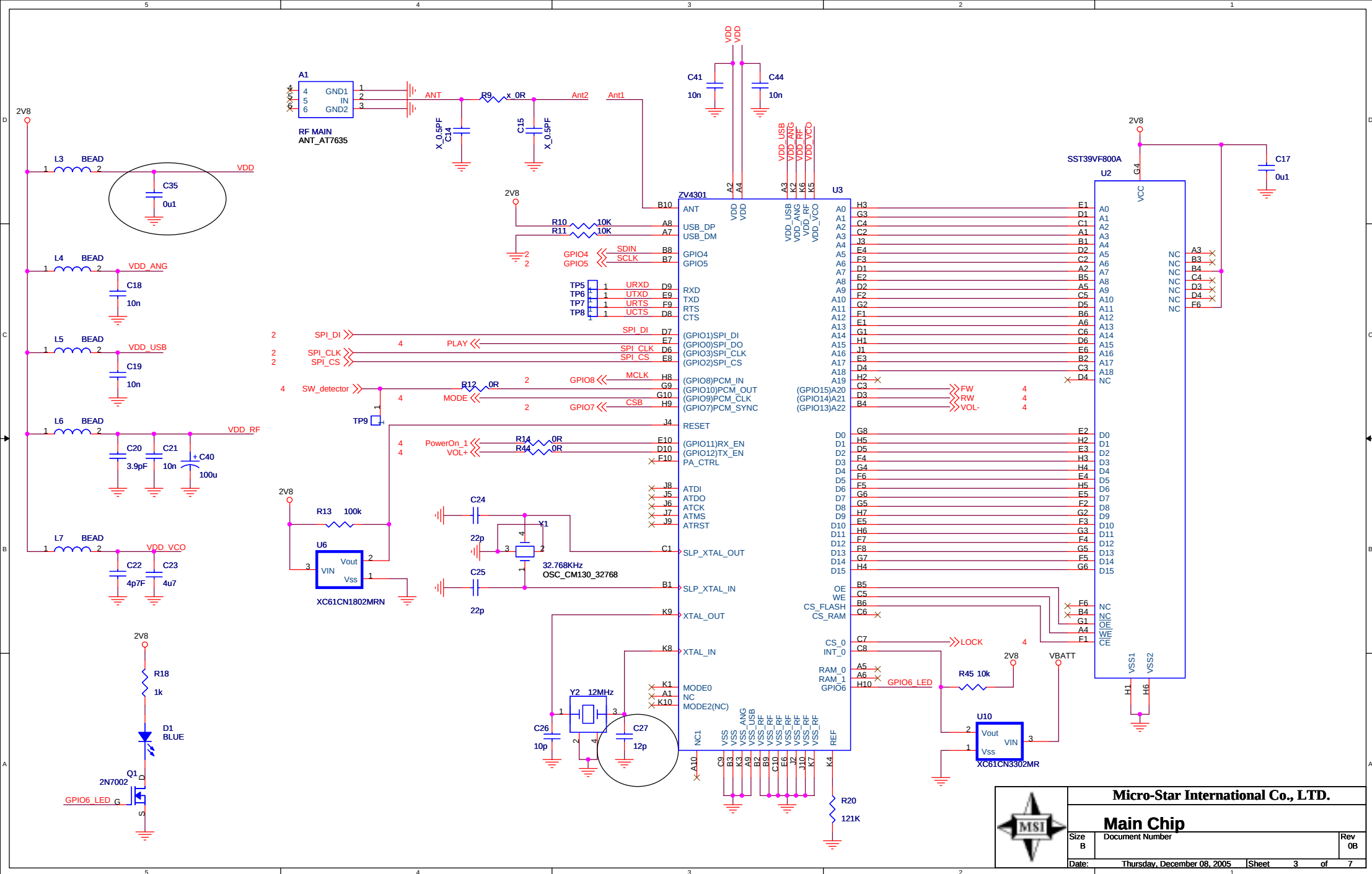
```
Serial control mode select :
    3 Wire interface format
```



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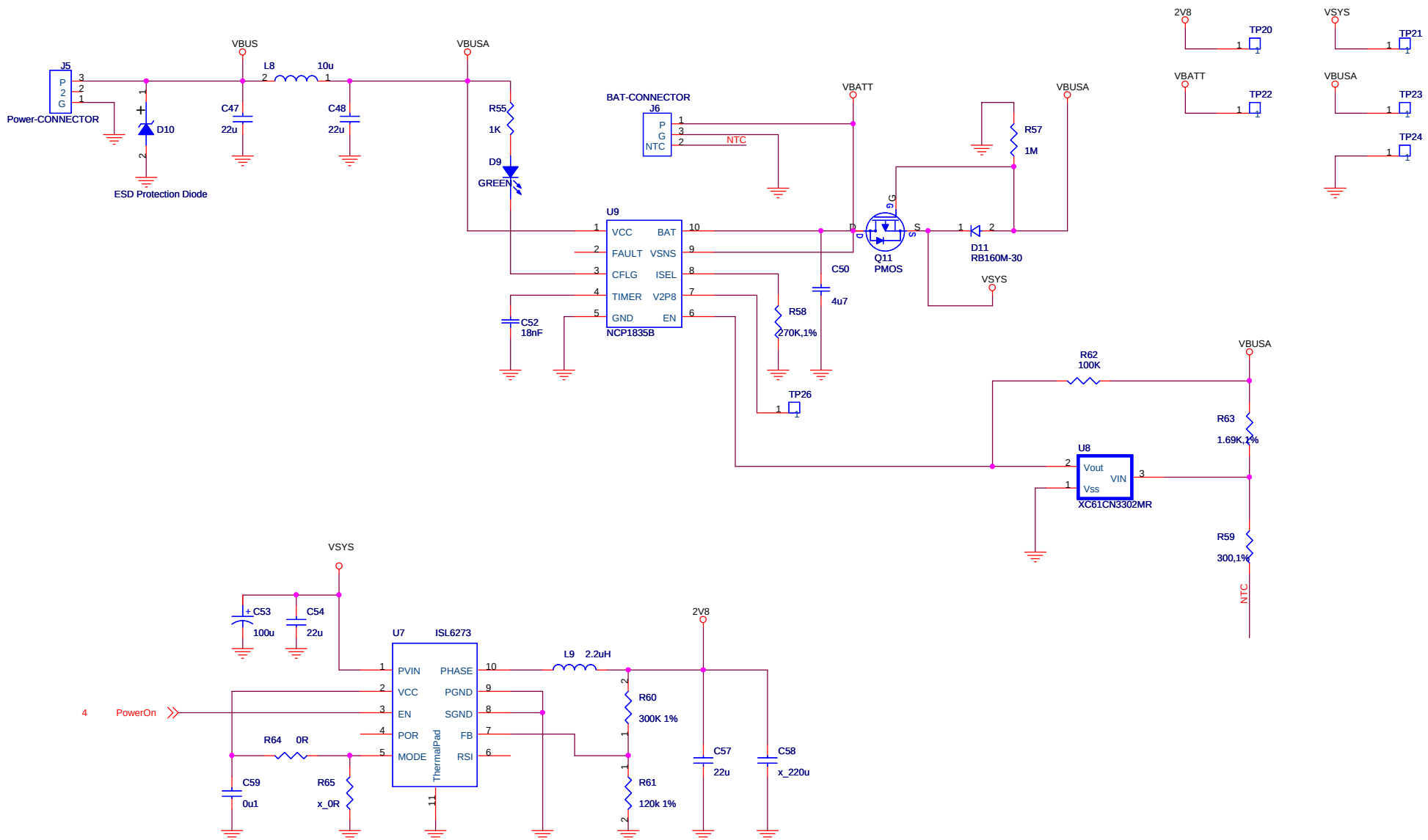
## CODEC

|           |                             |              |
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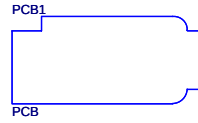
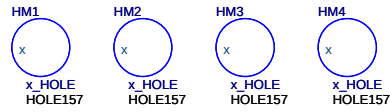
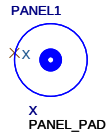
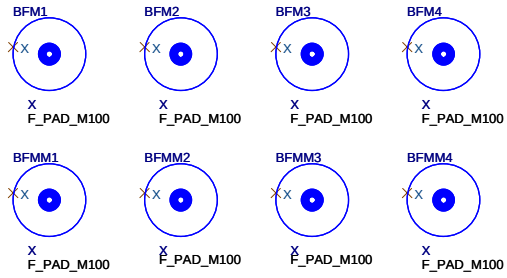
## 2.8V converter



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### Charge Circuit

|           |                             |              |
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|             |                                                                                               |          |
|-------------|-----------------------------------------------------------------------------------------------|----------|
| MS6868H-0A  | First Version                                                                                 | 20050729 |
| MS6868H-0B  | 1.Replace LTC3405A with ISL6273<br>2.Add 4 pin audio connector                                | 20050919 |
| MS6868H-01S | 1.Change L9 from 4.7uH to 2.2uH<br>2.Take out C58,Q4,Q10<br>3.Change R28,R29,R30,R39 to 0 ohm | 20051207 |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| MS6868D-00A  | First version                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20041214 |
| MS6868D-00B  | 1. 6 single digital GND chang generally GND<br>2. GPIO6 chang GPIO10<br>3. PA_CARL pin 2 resistance not hit<br>4. INT pin to receive VBATT<br>5. Q3 chang D03-0231209-V02<br>6. 12M crystal 3p3 chang 12p<br>7. C16.18.19.21 chang 10n<br>8. C23 chnag 4.7u<br>9. R24 chnag 75K , R26 chnag 59K<br>10. R34 chnag 100 , R36 chnag 5K<br>11. 3.3V chnag 2.8V<br>12. To add some the ESD<br>13. VDD to add C35(0.1u)<br>14. To modify RESET cricuit<br>15. Power on to add R40(1M)、R41(5.1M)、C36(1u) to GND<br>16. To modify SW cricuit<br>17. To add D02-0071809-Z01 and D01-BAT54C9-M04<br>18. Power on o add BAT54C9 | 20050112 |
| MS6868D-00B2 | EMI Modify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20050201 |
| MS6868D-100  | 1. 20050223 MVT; Q1 change PN; C30 and R25 modify value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20050223 |
| MS6868D-101  | R45 U5 move to 5010, remove R9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 20050307 |
| MS6868D-102  | C12、C29 chang to 4.7u(0603)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20050309 |



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|------------------------------------|-----------------------------|--------------|
| Version                            |                             |              |
| Size<br>B                          | Document Number             | Rev<br>0B    |
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