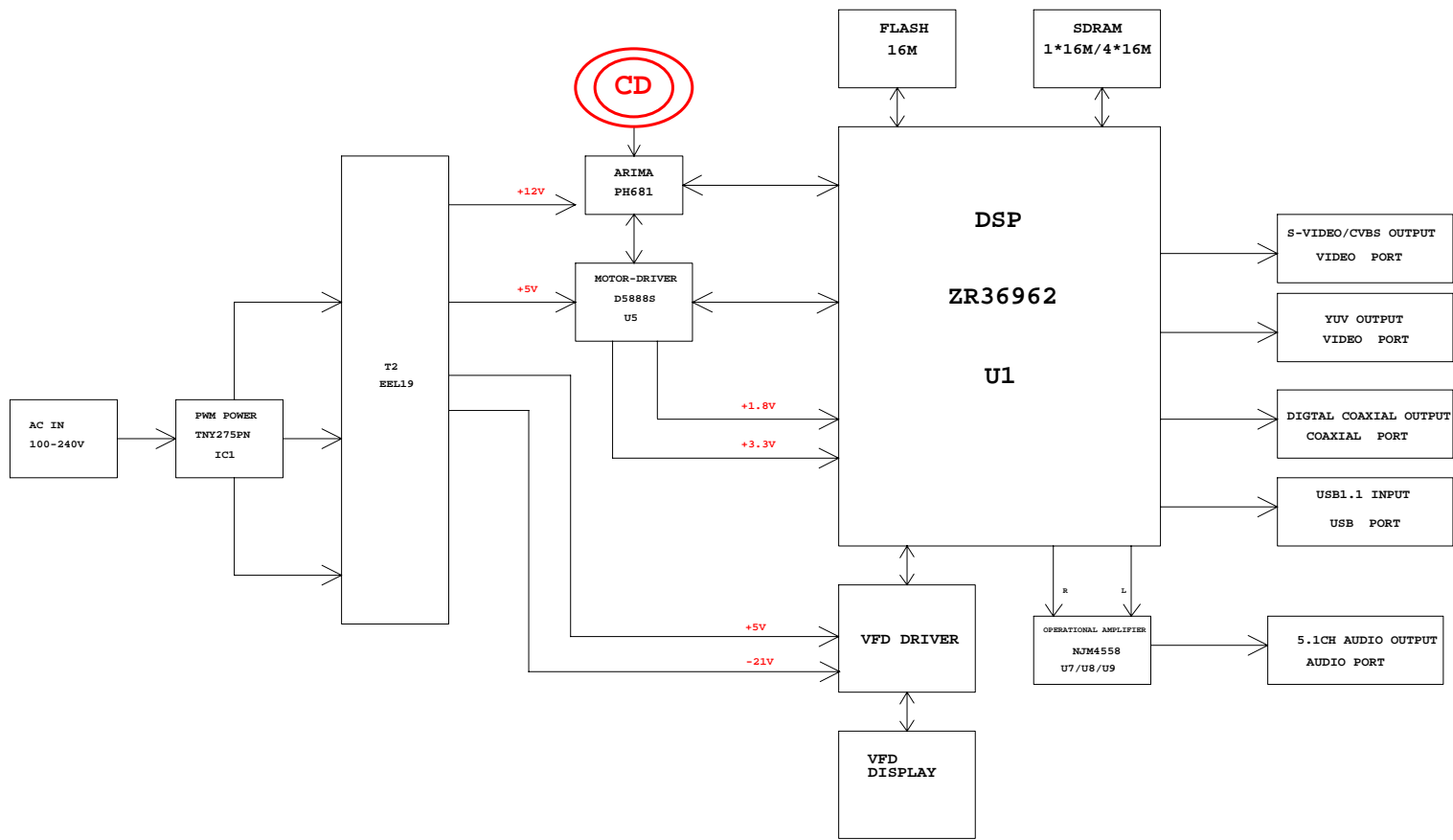
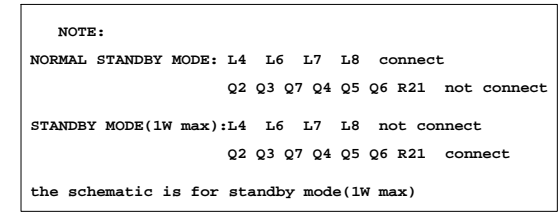


Design:	MODEL: DV5312(ZORAN)	TITLE: Cover page
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 6 pages	VER: B
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表格编号: QR-RD-016A



Design:	MODEL: DV5312	TITLE: DSP+SDRAM+FLASH
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 1 OF 1	VER: B
SHEN ZHEN MTC MULTIMEDIA CO.,LTD		

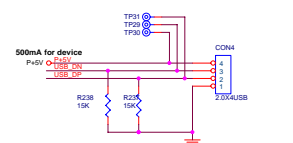
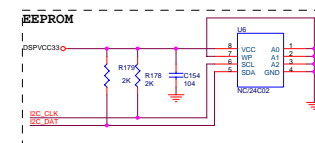
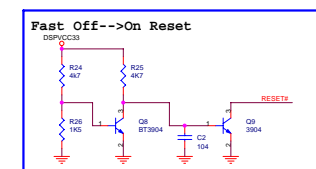
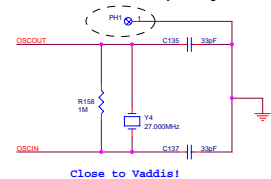
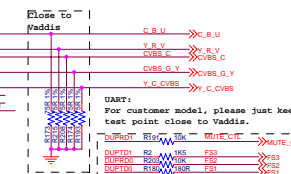
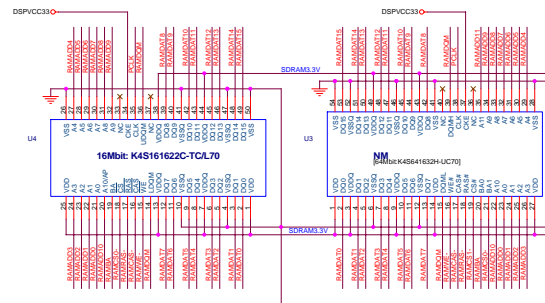
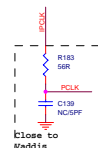
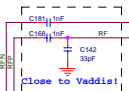
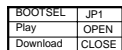
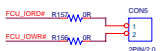


  
EMC PART

Design:	MODEL: DV5312	TITLE: AC TO DC
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 1 OF 5	VER: B
SHEN ZHEN MTC MULTIMEDIA CO.,LTD		

R206	51K
R213	51K
R209	22K
R211	51K

Flash speed <= 70 nS.  
If plan to use 90ns Flash, it needs to be verified by s/w.

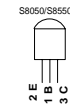


```
SDRAM configuration:
1x16Mbit: CS0# = Low;
1x64Mbit: CS1# = Low; CS0#=BA1
SDRAM speed <=7ns
Tras <=44.4ns
Trp <=22.2ns
```

Design:	MODEL: DV5312	TITLE: DSP+SDRAM+FLASH
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 2 OF 5	VER: B



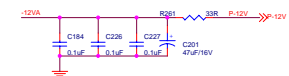
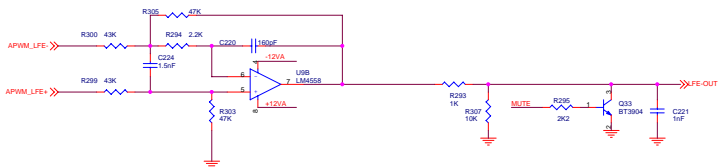
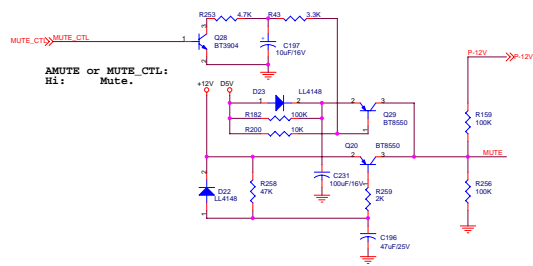
OPU	R235	R187
HOP1200W	100R	100R
Arima681	100R	100R
Others	NM	NM



**Q210, Q211 must be genuine 8550, such as PHILIPS PSS8550D, Jiangsu Changdian S8550.**

**Q210, 211 must have enough large pads for thermal spreading**

Design:	MODEL: DV5312	TITLE: LOADER+AMS888S
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 3 OF 5	VER: B
SHEN ZHEN MTC MULTIMEDIA CO.,LTD		



Design:	MODEL: DV5312	TITLE: AUDIO+KARAOKE
Checked:	PART NO.:	DWG NO.:DV5312-YL01-03
Apprd:	SHEET: 4 OF 5	VER: B
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