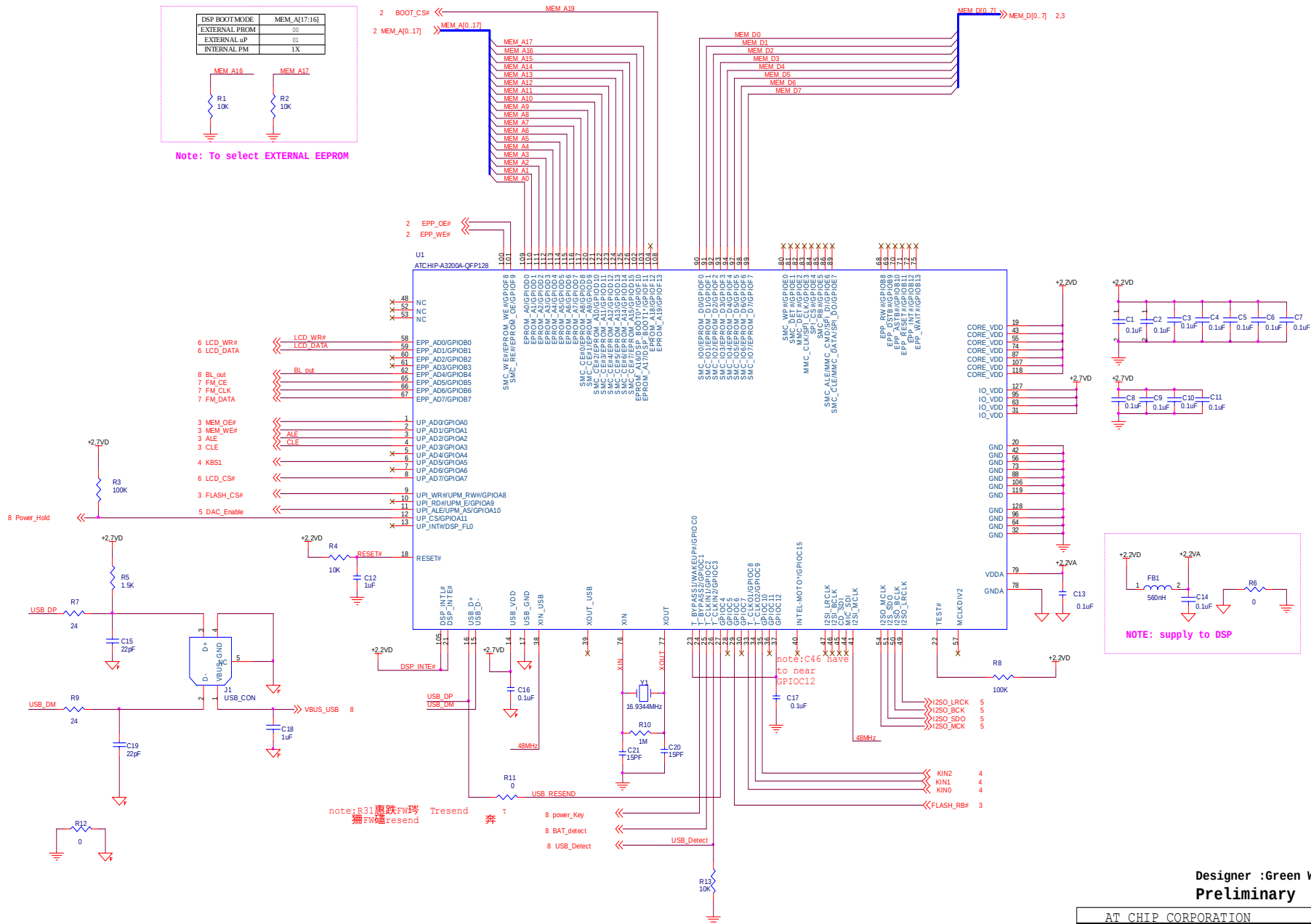




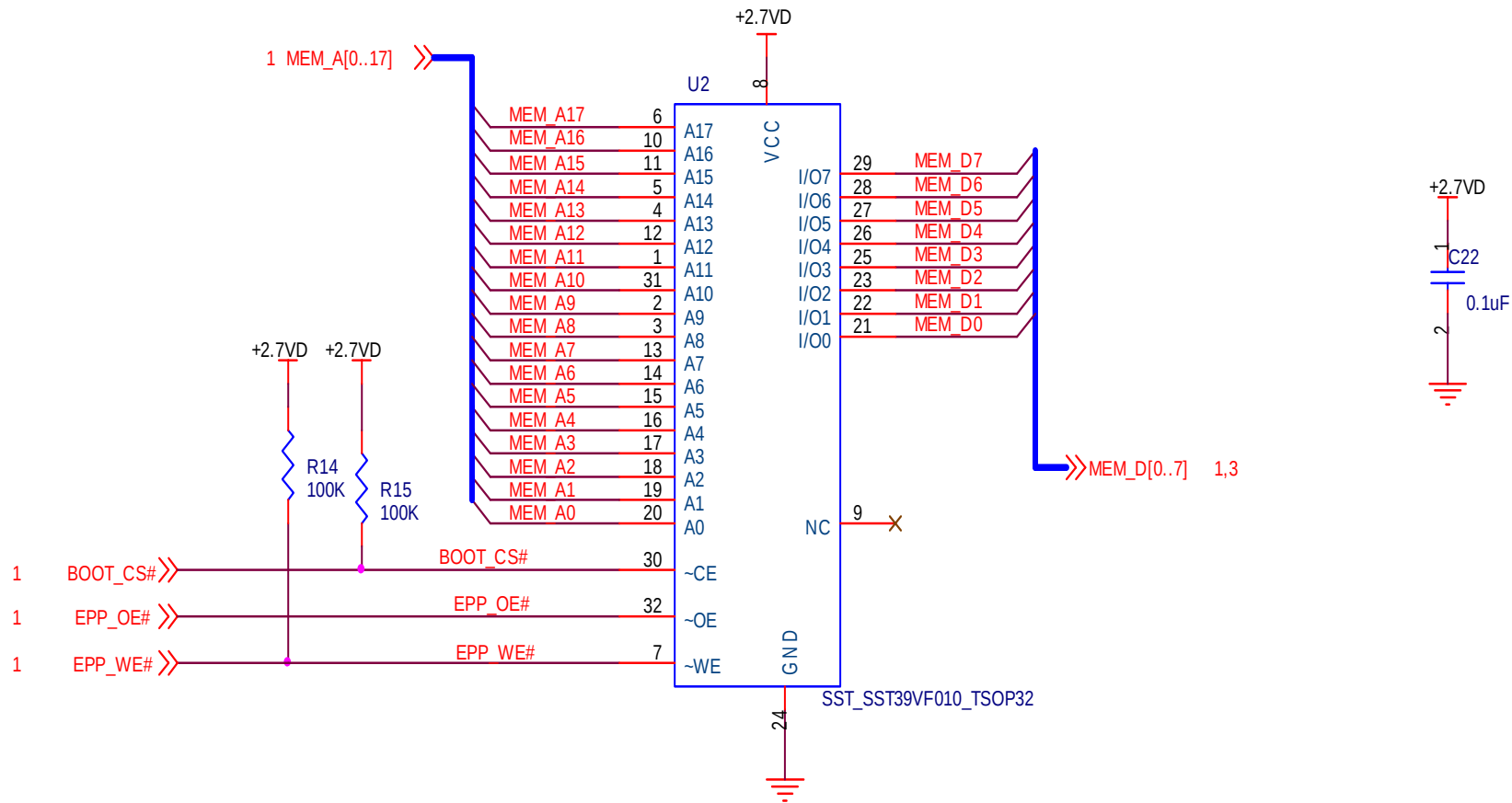
APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION		
Title	DSP_A3200A-128pins	
Size	Document Number: A3200A-AG(友联 CAR MP3)	Rev 1.0
Date:	Tuesday, November 08, 2005	Sheet 1 of 9

DESIGNER : Arnold Chiu
AT CHIP CORPORATION

NOR Flash (2MB)

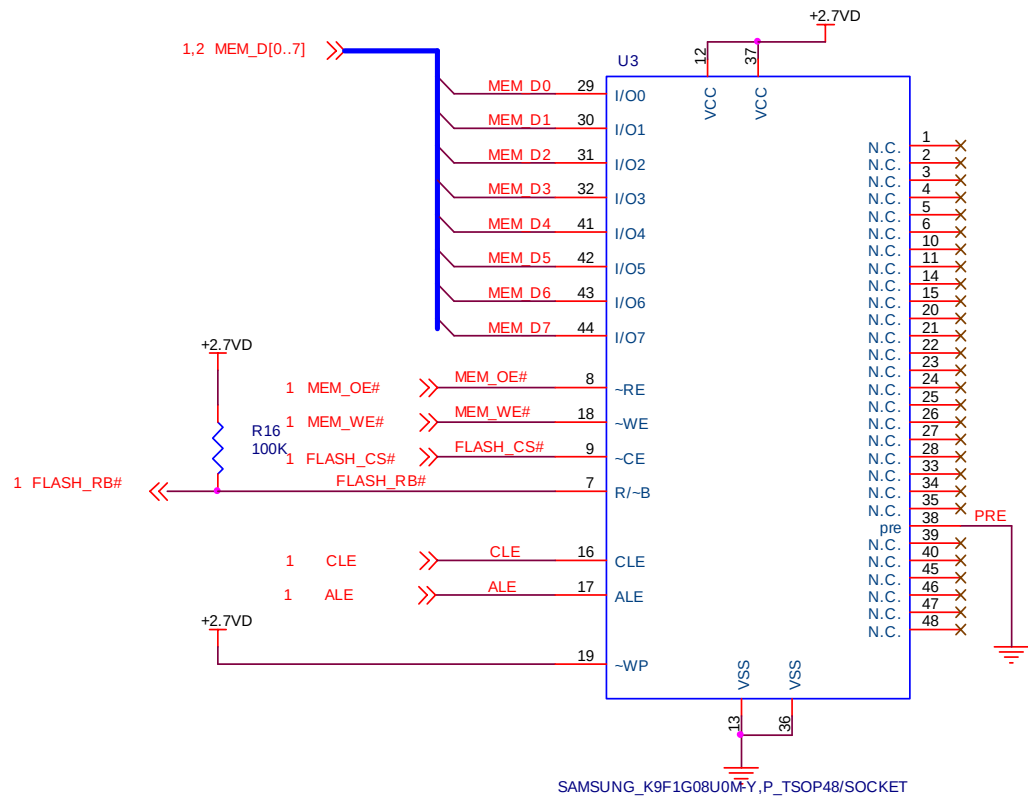


APPLICANT: EASTERNTRONIC LCD GROUP

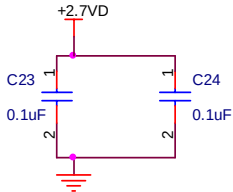
FCC ID: T55060101

AT CHIP CORPORATION		
Title		
Boot EEPROM		
Size	Document Number	Rev
	A3200A-AG(友砵 CAR MP3)	1.0
Date:	Tuesday, November 08, 2005	Sheet 2 of 9

NAND FLASH
MEMORY
(128MB with
2KB/Page)



Note :Place Caps close to
K9F1G08U0M connector pins
12/37



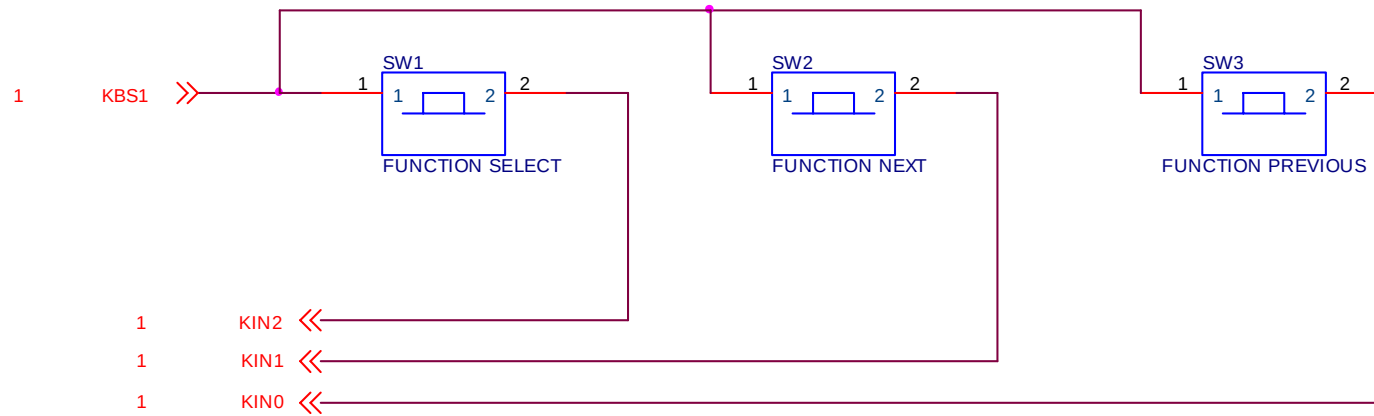
Note : Power trace on power pins
(+2.7VD/GND) power trace go to

APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION		
Title		
NAND FLASH		
Size	Document Number	Rev
	A3200A-AG(ㄣ硯 CAR MP3)	1.0
Date:	Tuesday, November 08, 2005	Sheet 3 of 9

BUTTON SWITCHES

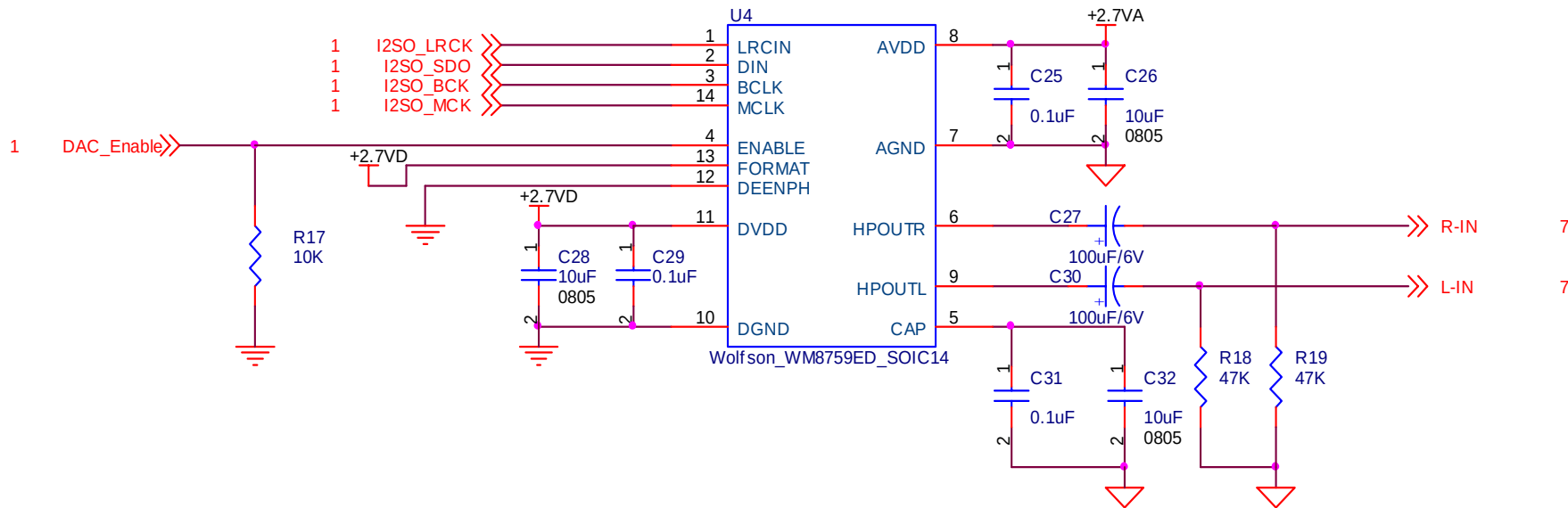


APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

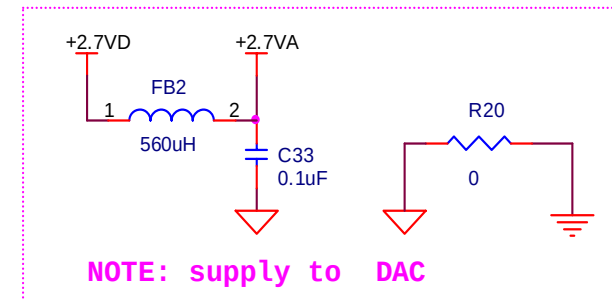
AT CHIP CORPORATION		
Title		
KEY		
Size A	Document Number A3200A-AG(文研 CAR MP3)	Rev 1.0
Date:	Tuesday , November 08, 2005	Sheet 4 of 9

DAC



Note:

1. AGND and DGND should be connected as close to the WM8759 as possible.
2. Decoupling capacitor should be positioned as close as to WM8759 as possible.
3. Capacitor types should be carefully chosen. Capacitors with very low ESR are recommended for optimum performance.
4. About PCB Layout recommendations should refer to P.16 of WM8759 datasheet.

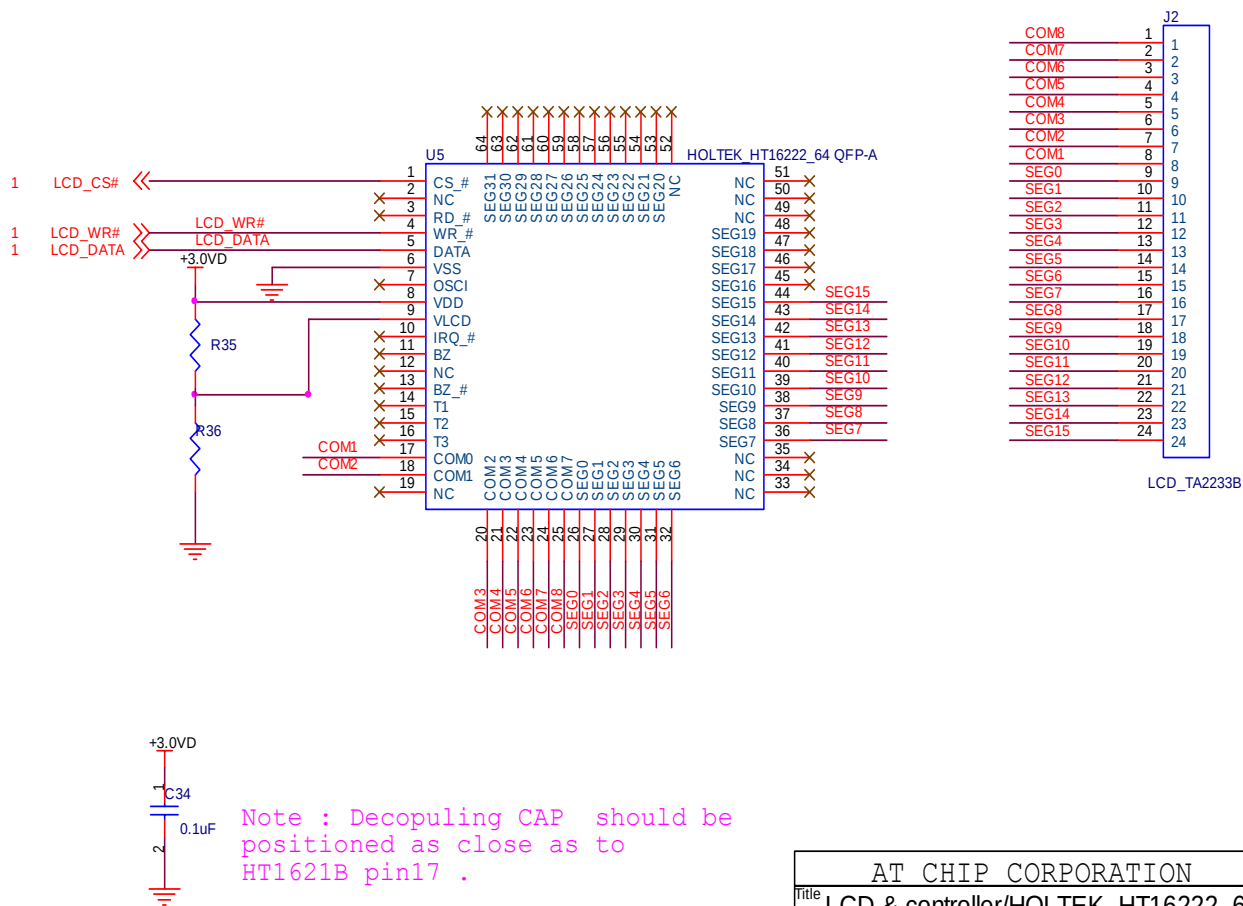


APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION		
Title		
DAC_WolfSon_WM8759_SOP_14pins		
Size	Document Number	Rev
	A3200A-AG(友研 CAR MP3)	1.0
Date:	Tuesday, November 08, 2005	Sheet 5 of 9

LCD 32x8 Controller
& LCD Panel



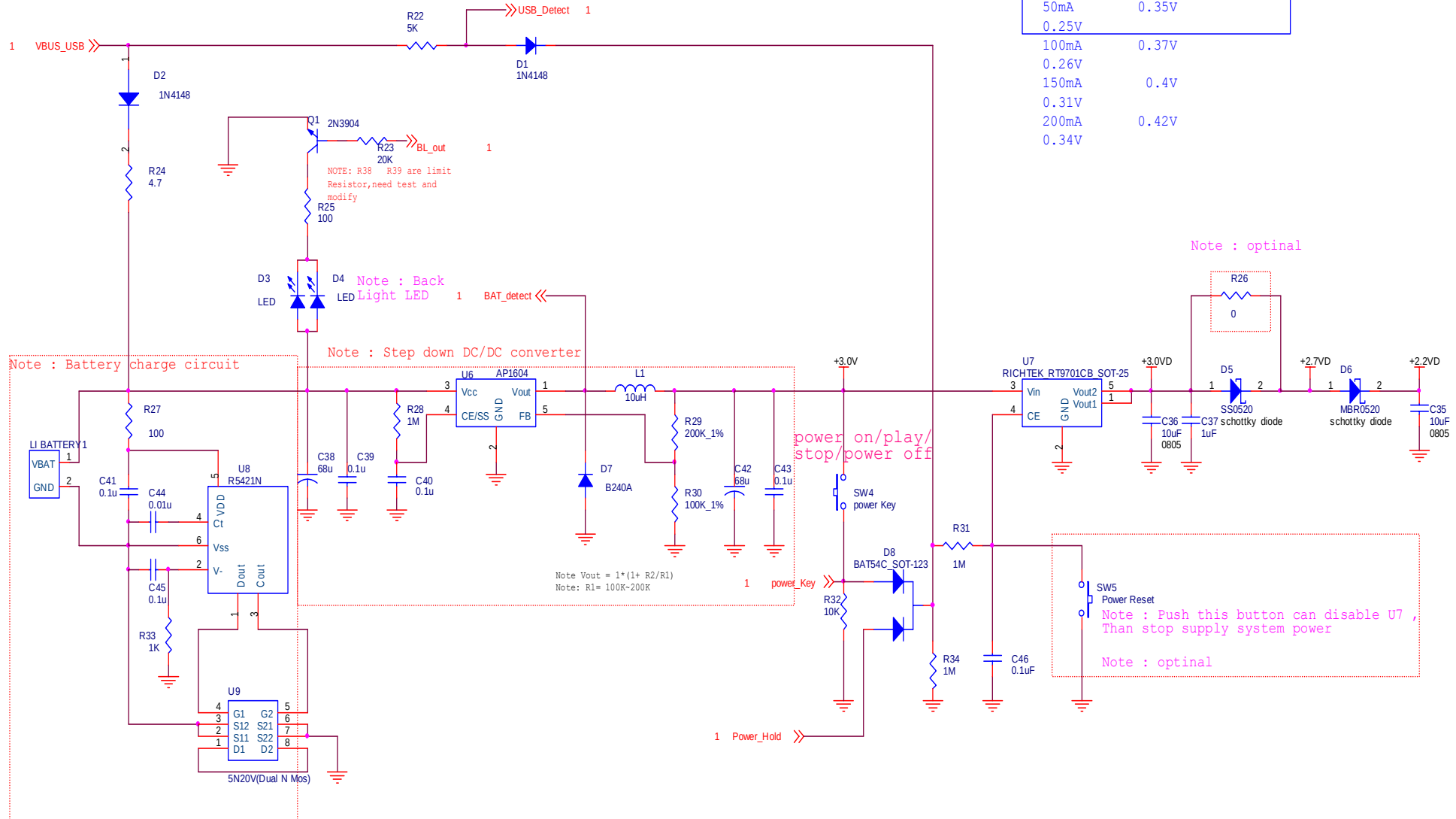
AT CHIP CORPORATION		
Title LCD & controller/HOLTEK_HT16222_64 QFP-A		
Size	Document Number	Rev
	A3200A-AG(友光 CAR MP3)	1.0
Date:	Tuesday, Nov ember 08, 2005	Sheet 6 of 9

APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION

DC-DC CONVERTER



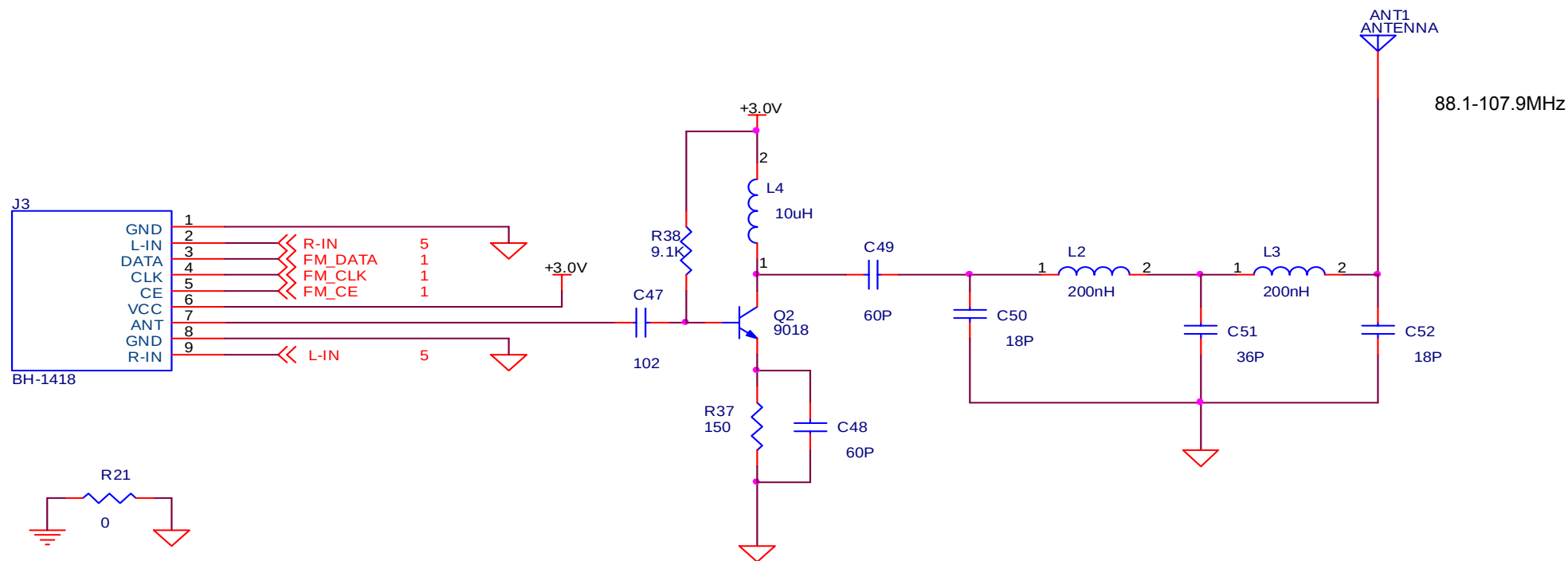
7い 案球	, MBR0520 &
SS0520	え潰
案球	MBR0520
SS0520	
50mA	0.35V
0.25V	
100mA	0.37V
0.26V	
150mA	0.4V
0.31V	
200mA	0.42V
0.34V	

APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION		
Title		
DC-DC Conveter		
Size	Document Number	Rev
	A3200A-AG(文碓 CAR MP3)	1.0
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FM-module



APPLICANT: EASTERNTRONIC LCD GROUP

FCC ID: T55060101

AT CHIP CORPORATION		
Title		
FM_Module/BH-1418		
Size	Document Number	Rev
	A3200A-AG (久碁 CAR MP3)	1.0
Date:	Tuesday, November 08, 2005	Sheet 7 of 9