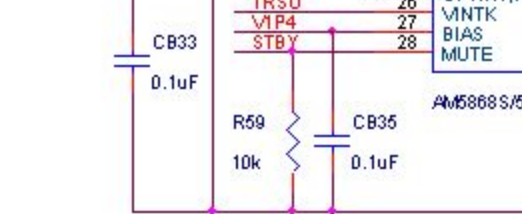
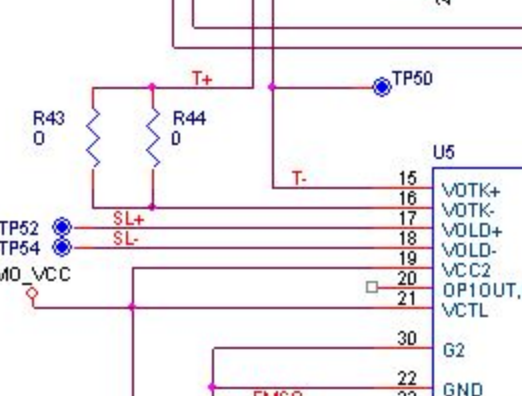
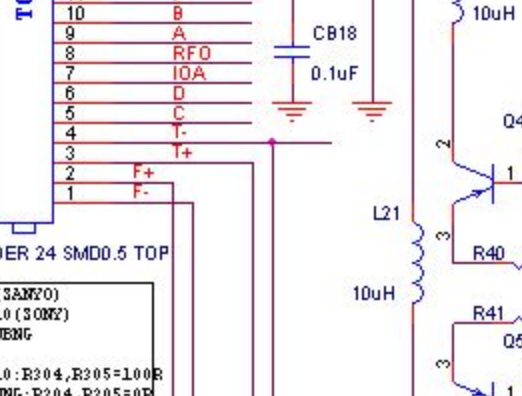
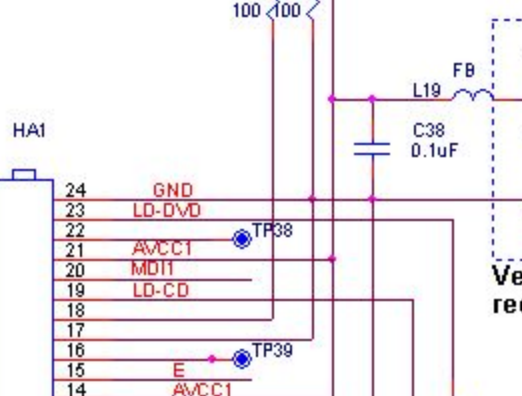
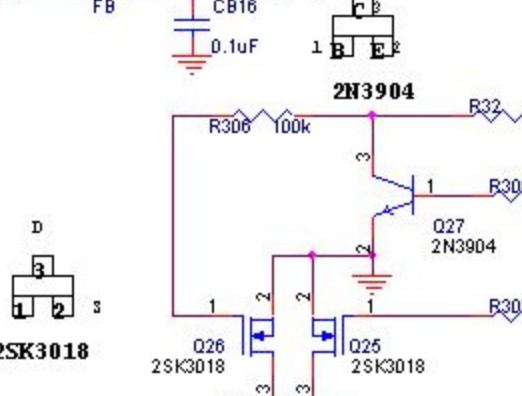
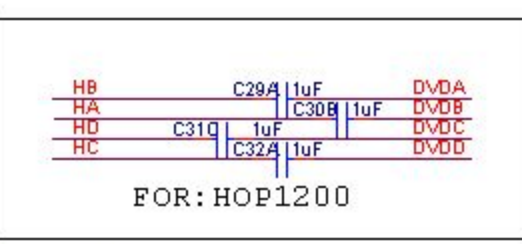
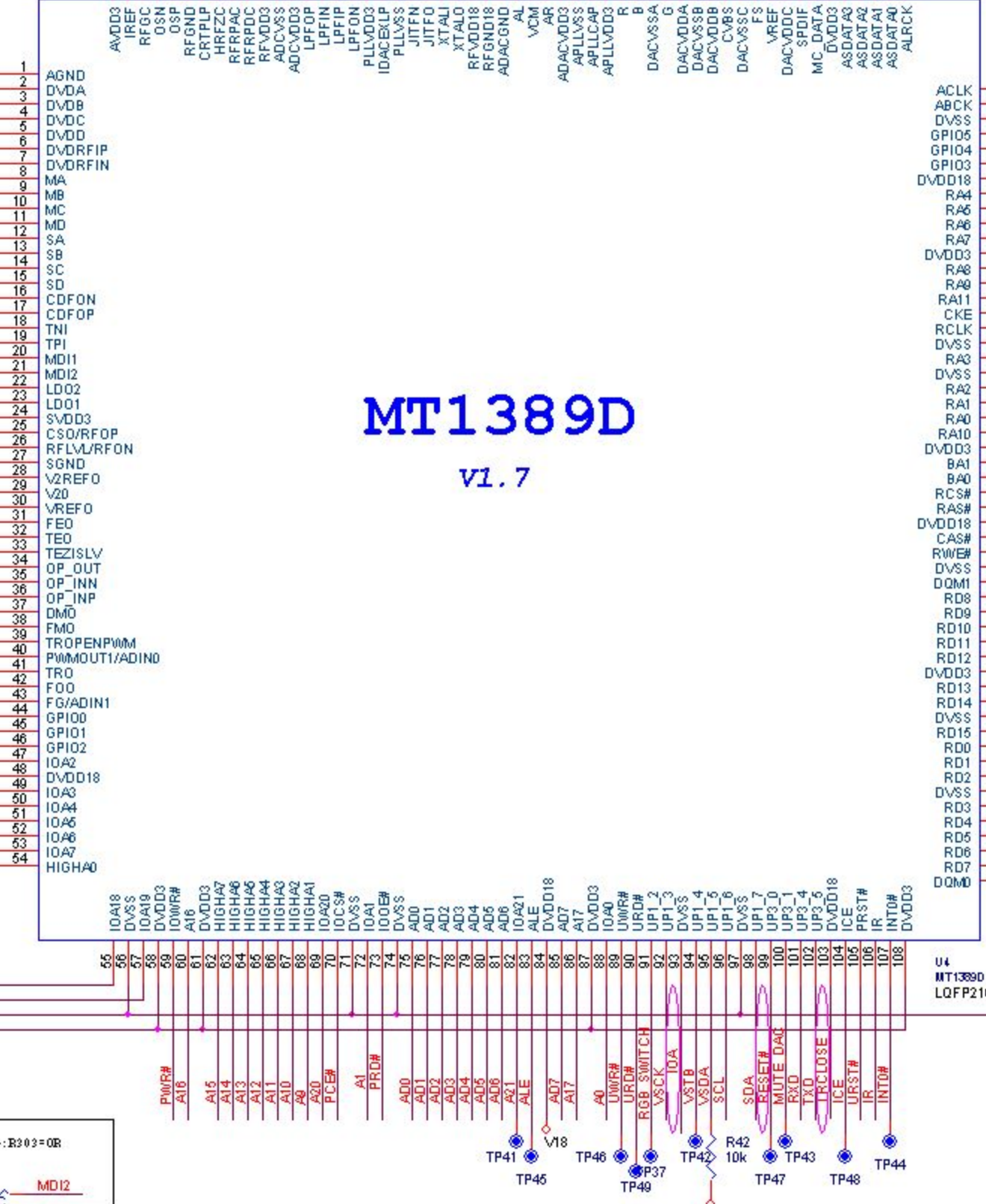


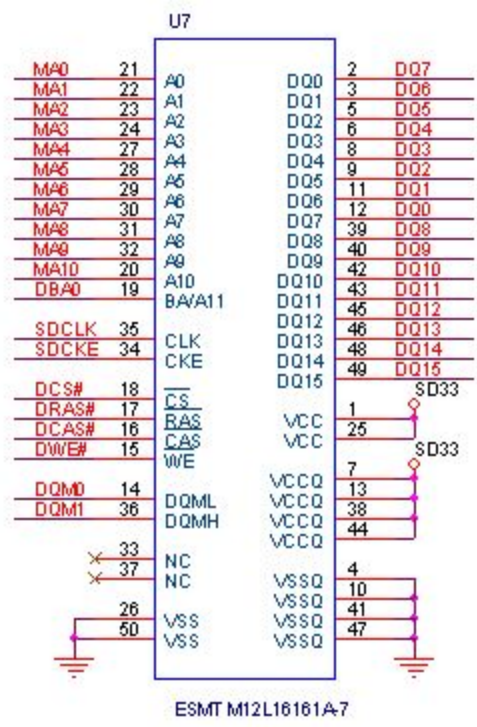
## MT1389D V1.7



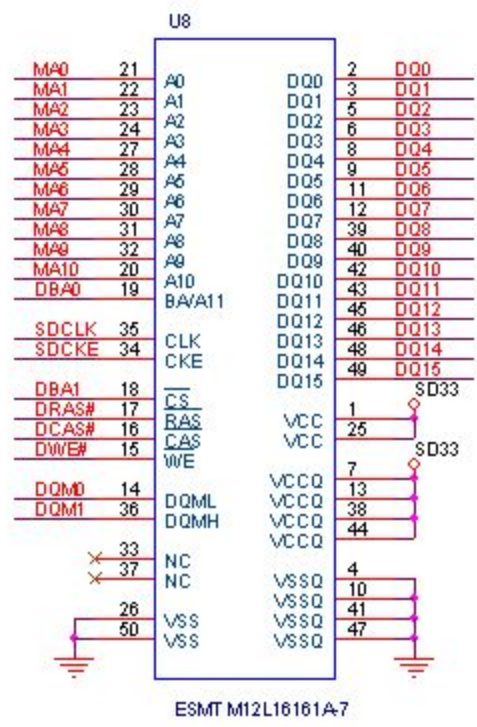
**Very Important to reduce Noise**

MD60: XHM1210, SAMSUNG: R303=0R  
HOP1200: R303=NC

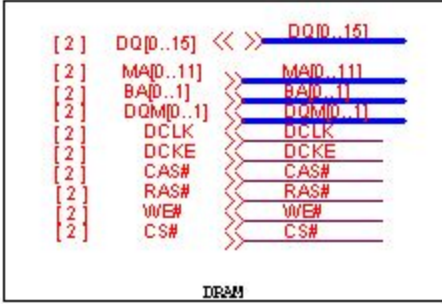
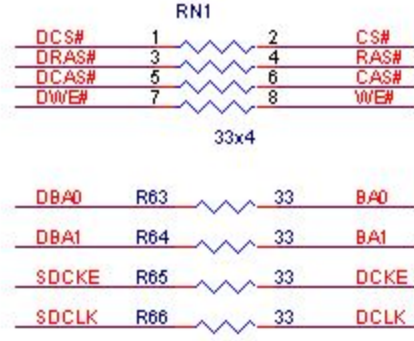
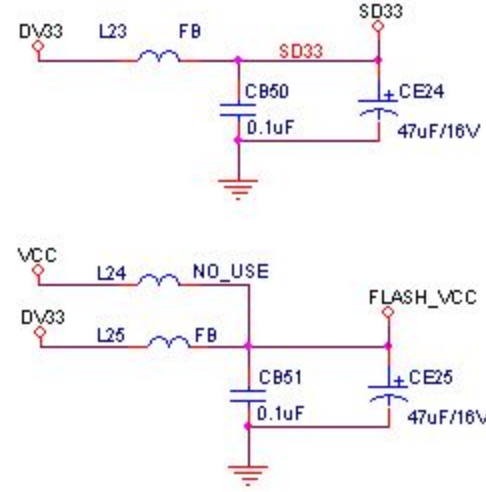
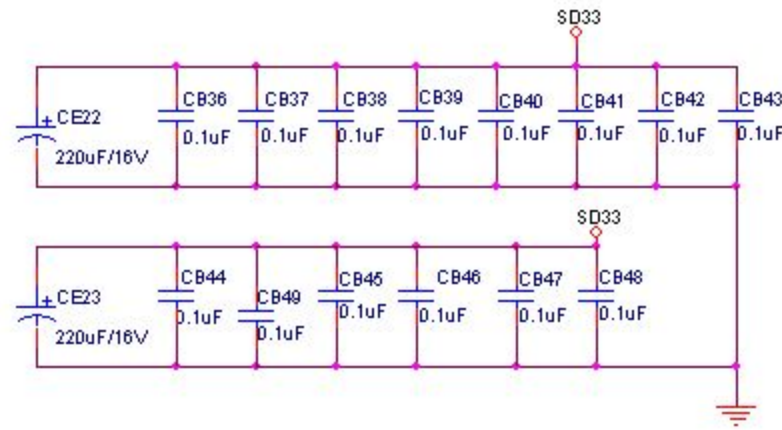
5888/5668: R47=49K, R48=49K (HOP1200)  
5888/5668: R47=27K, R48=24K (DM60, XHM1210, SAMSUNG)



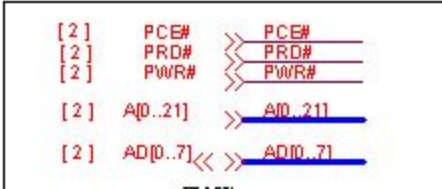
ESMT M12L16161A-7



ESMT M12L16161A-7



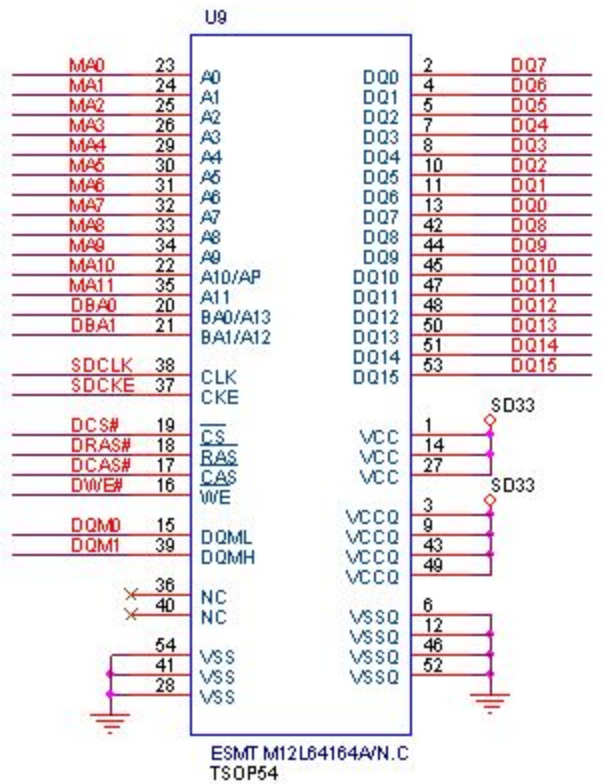
DRAM



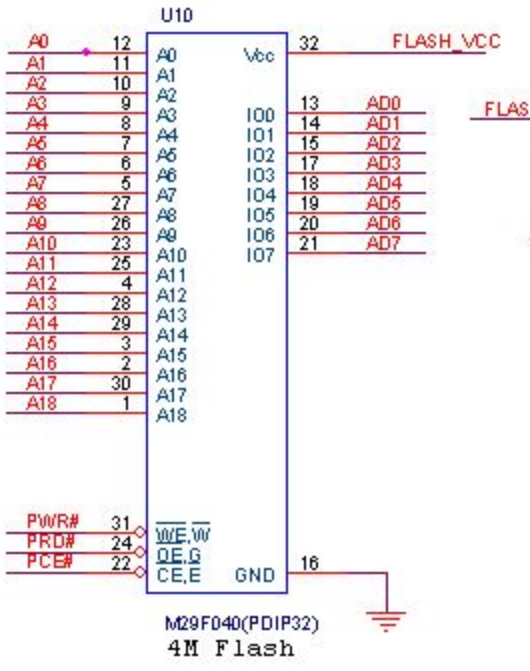
FLASH



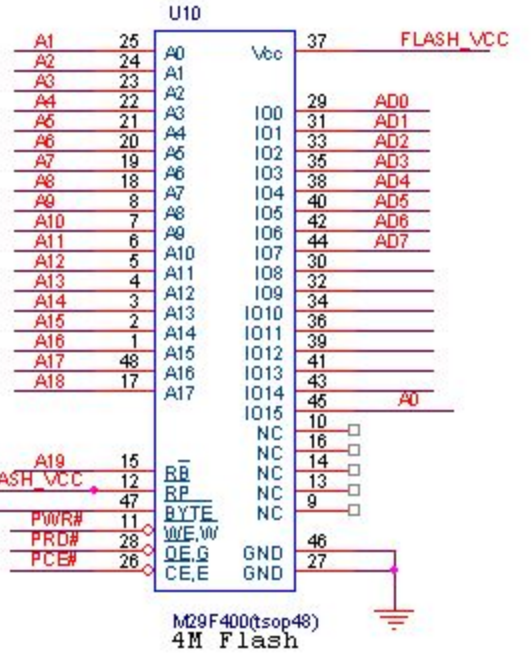
IIC



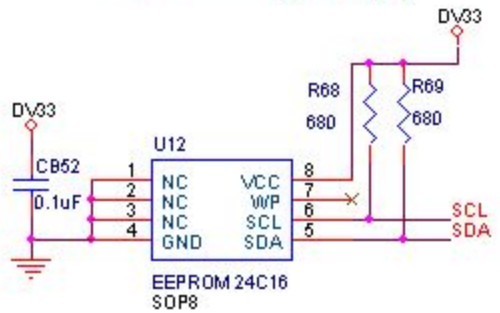
ESMT M12L64164A/N.C TSOP54



M29F040(PDIP32) 4M Flash

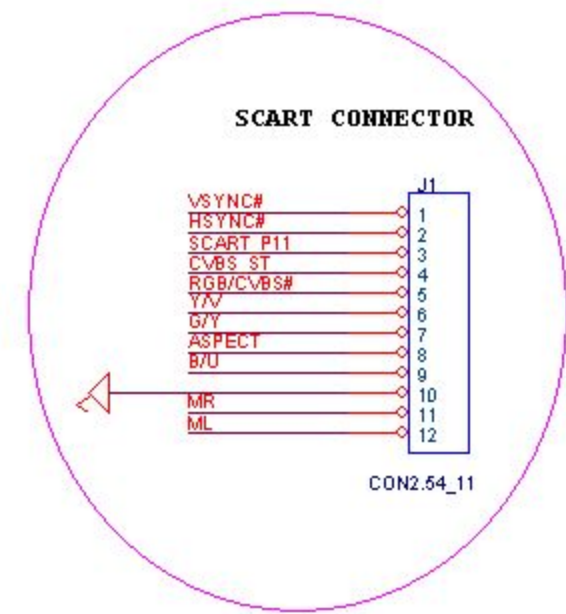
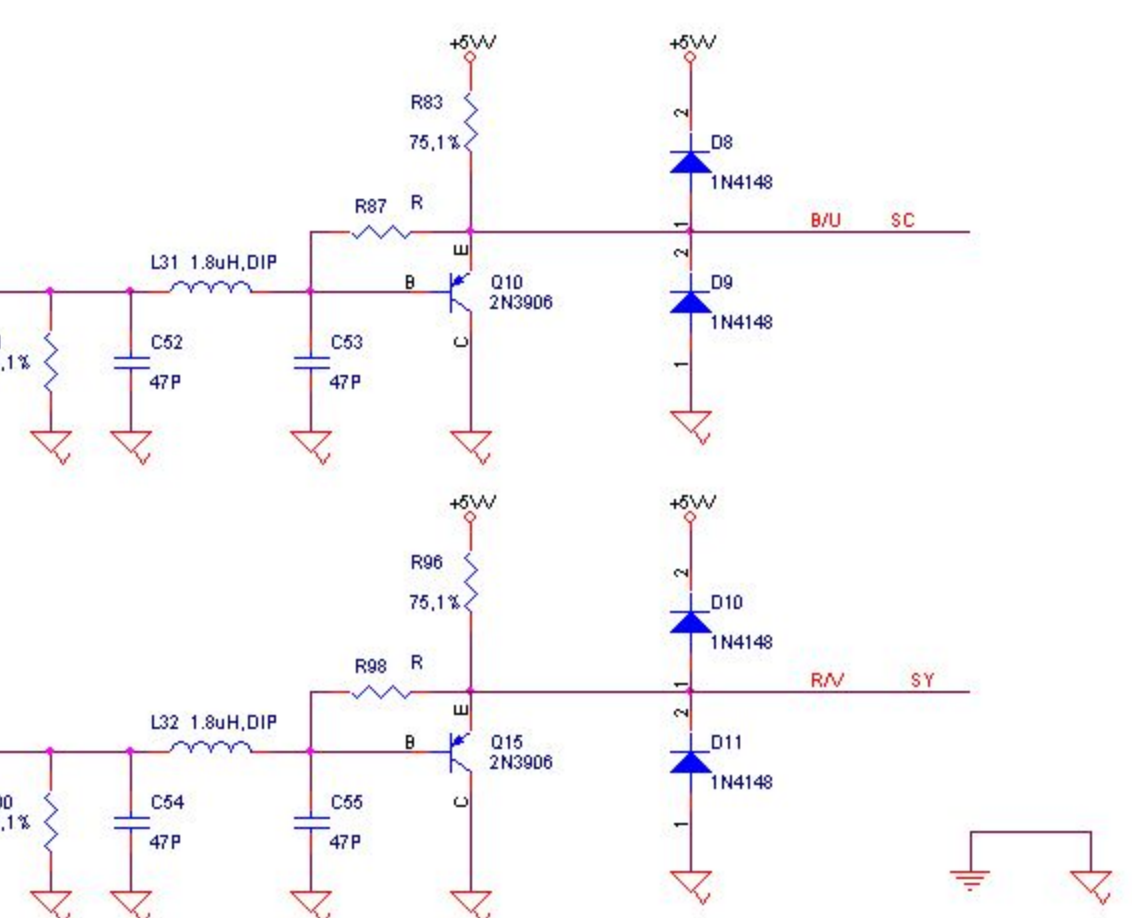
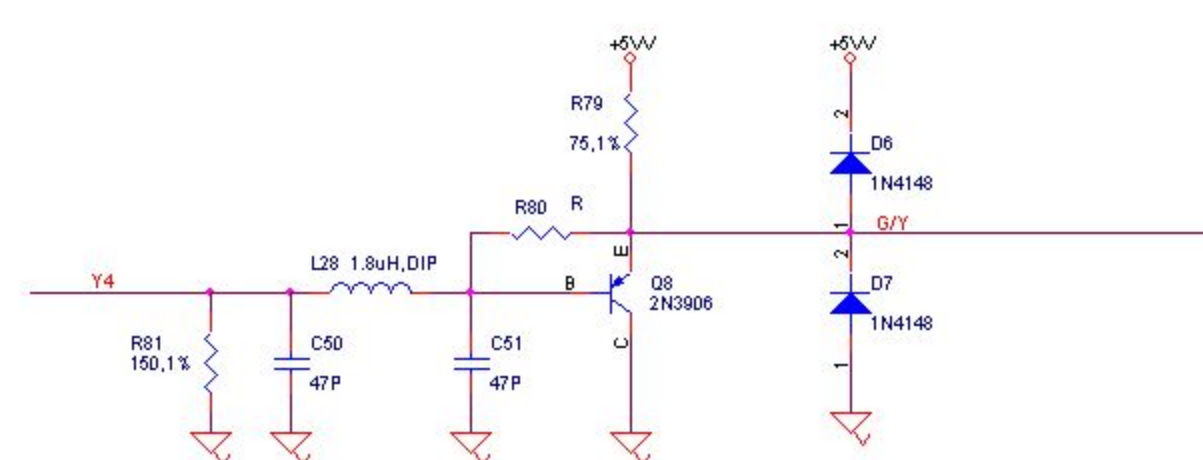
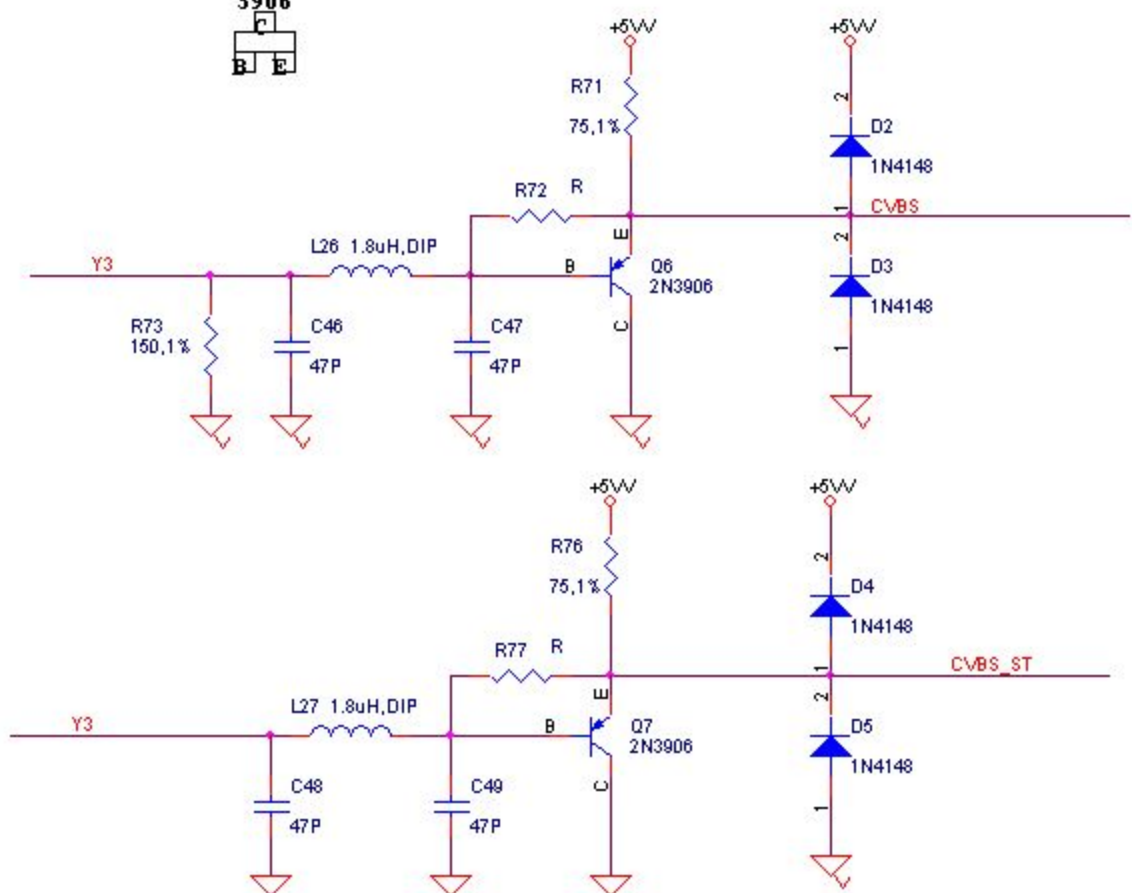


M29F400(tsop48) 4M Flash

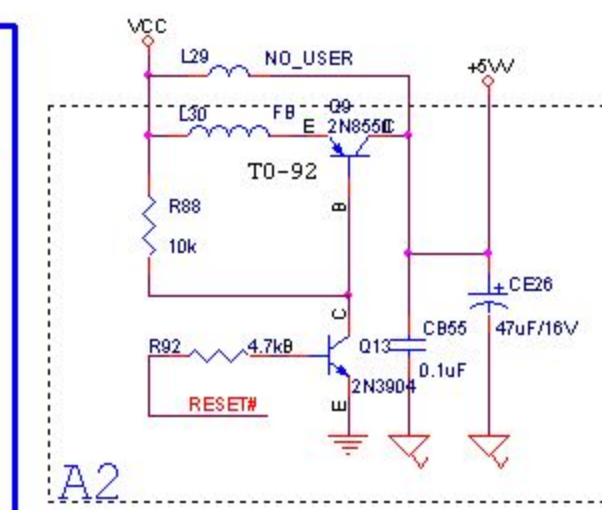
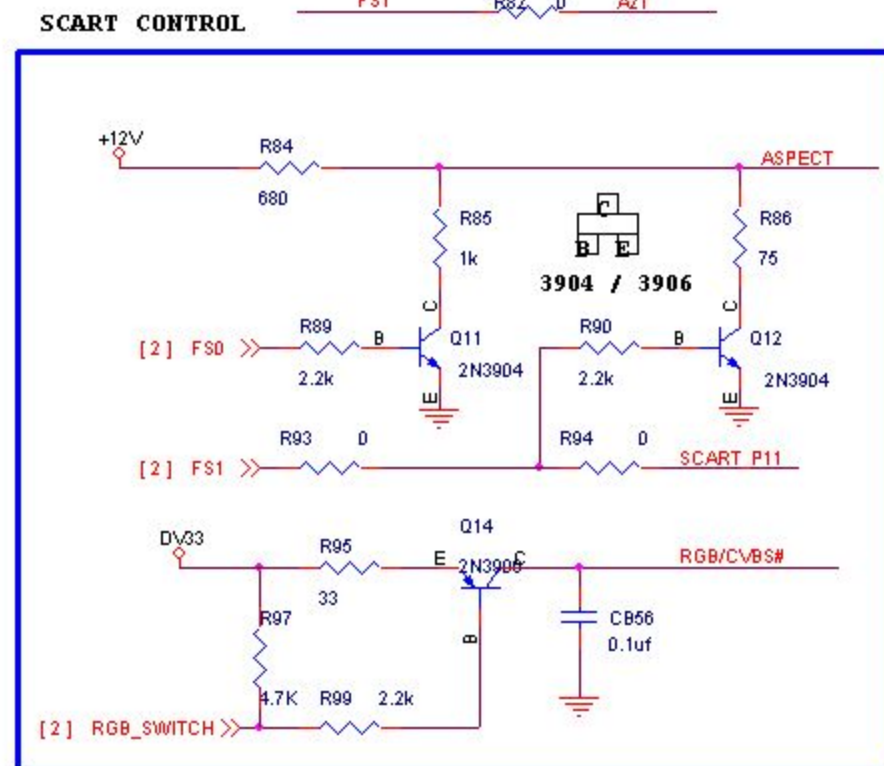
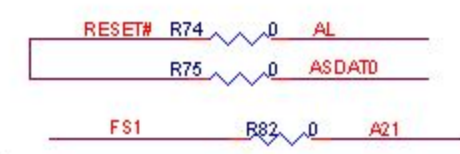
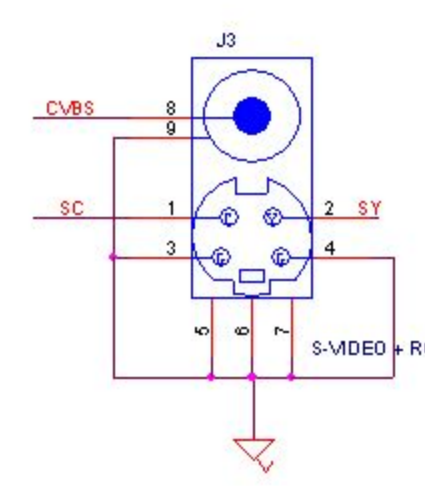


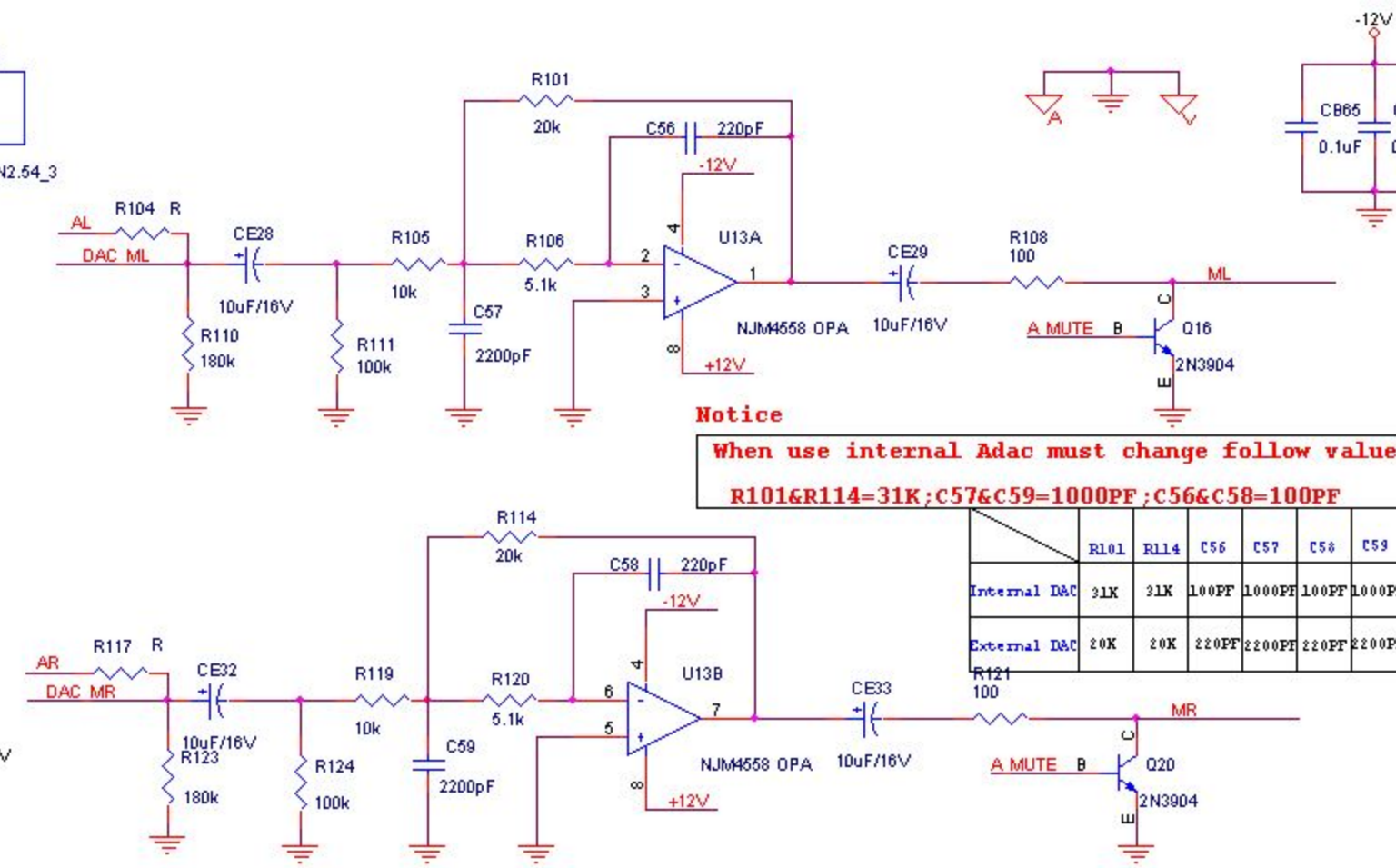
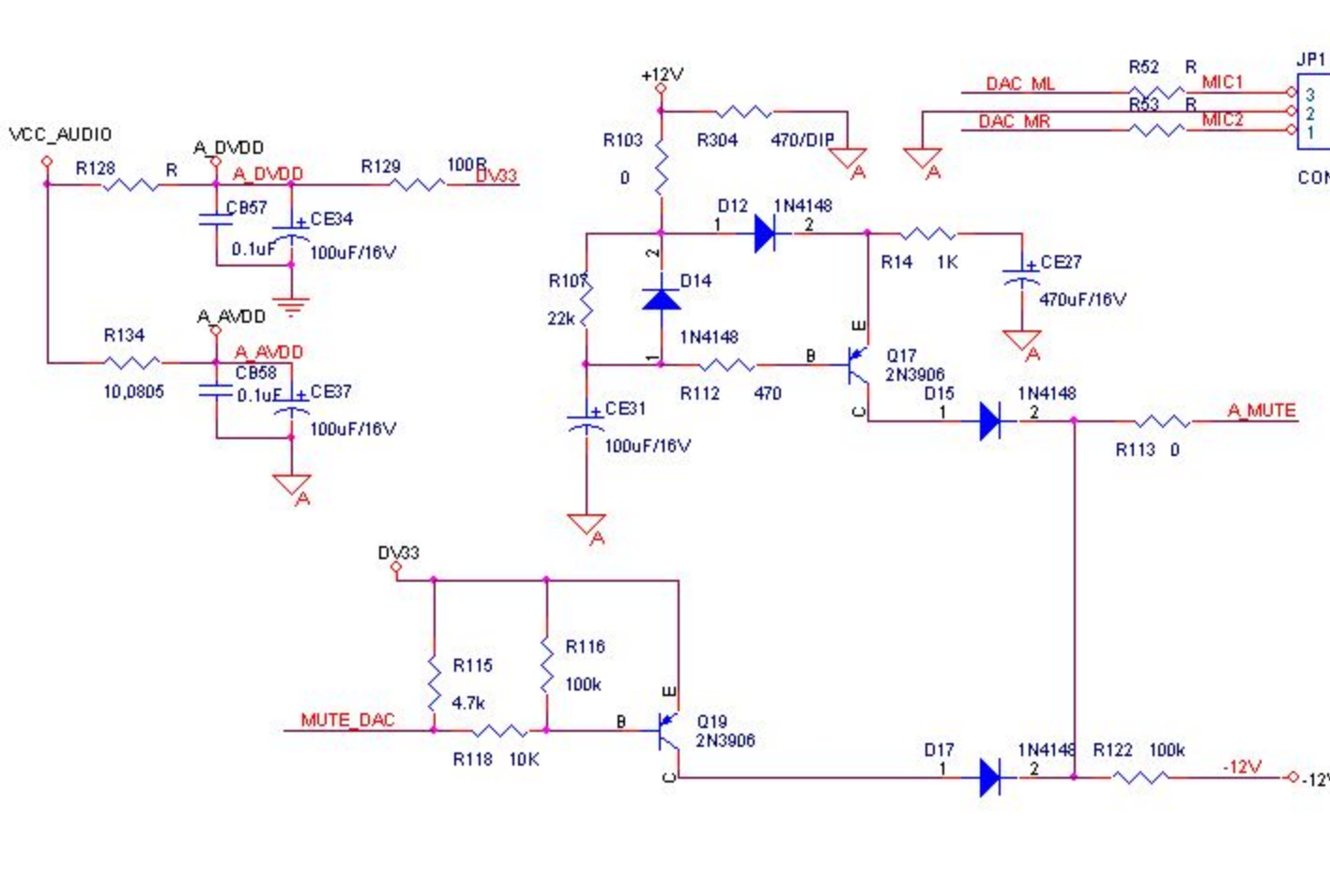
EEPROM 24C16 SOP8

3906



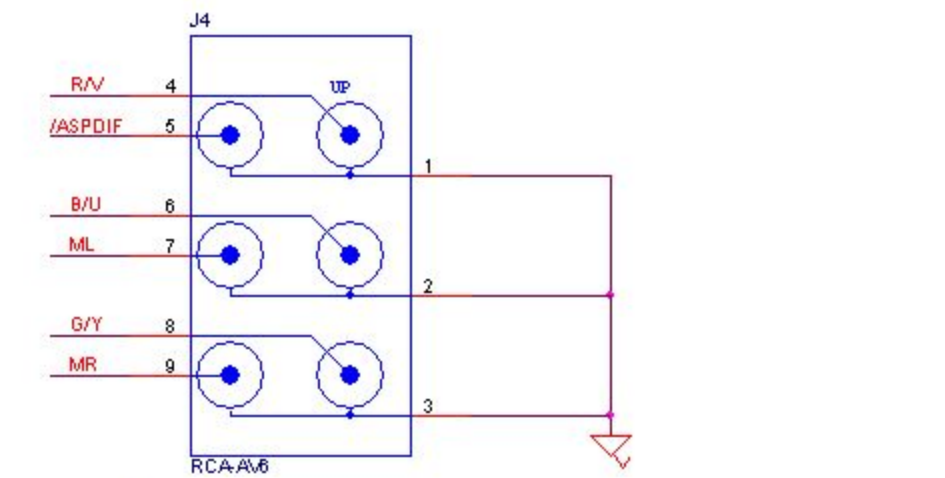
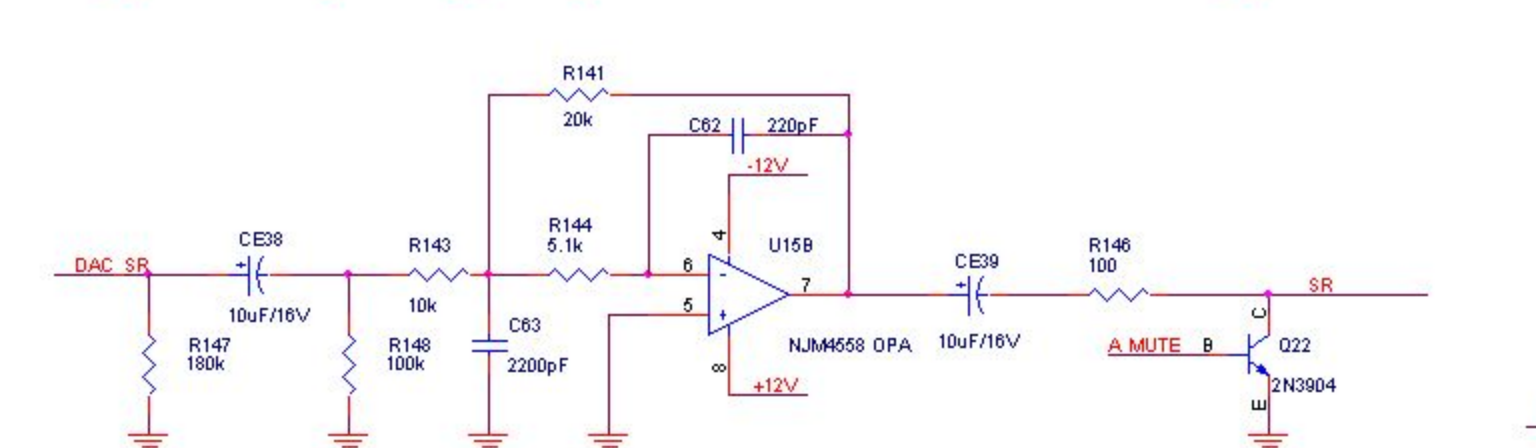
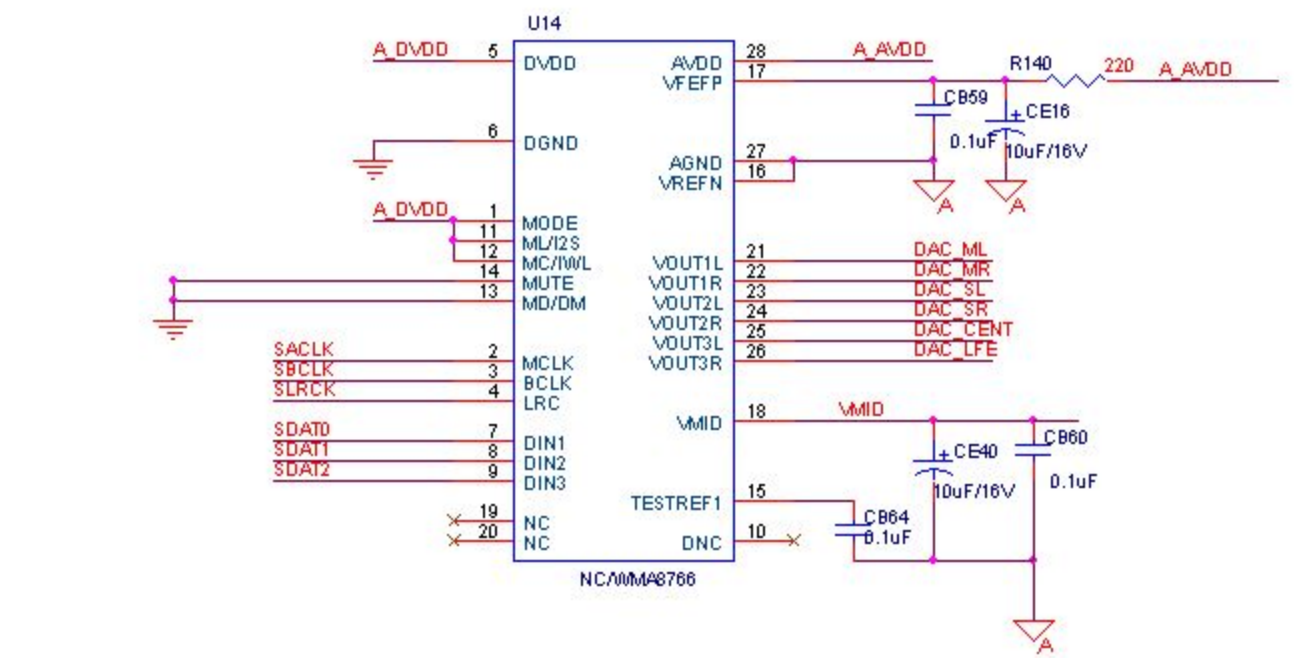
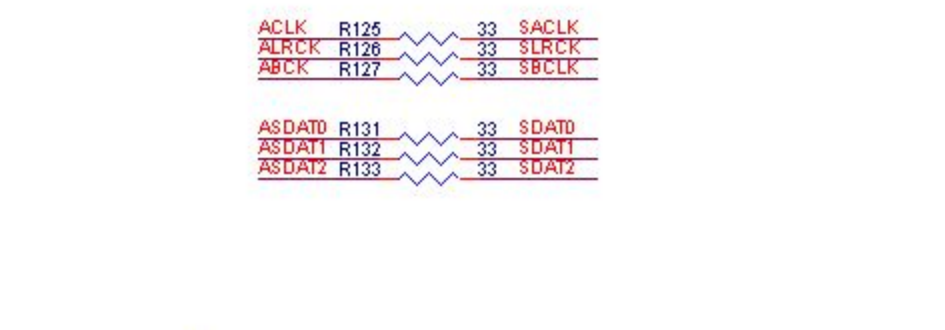
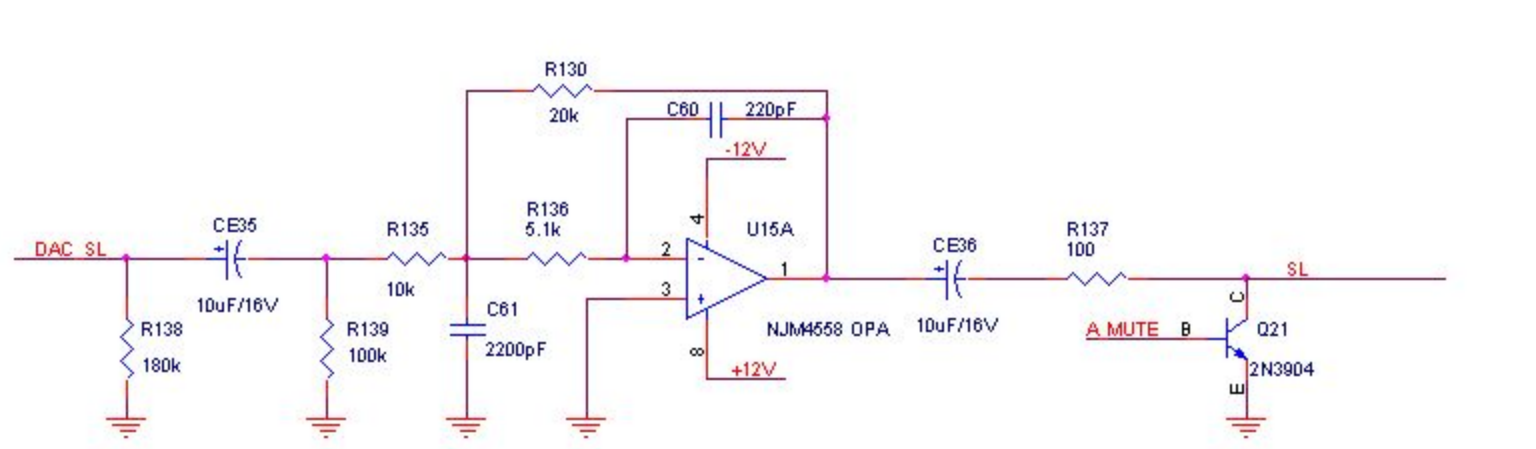
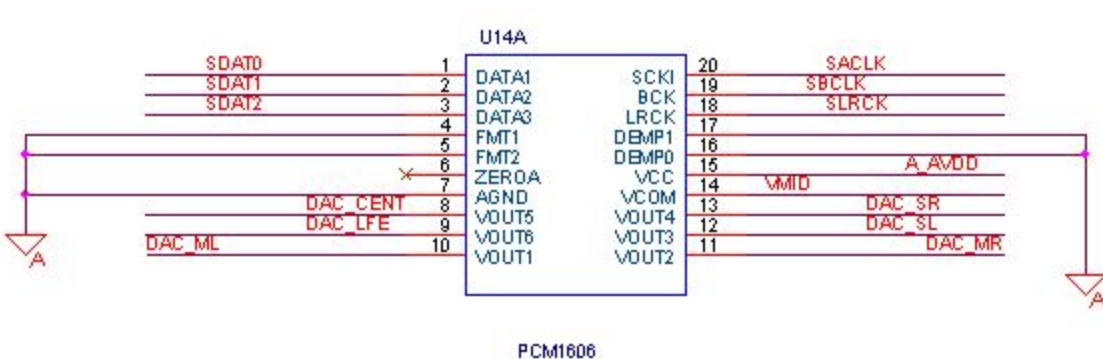
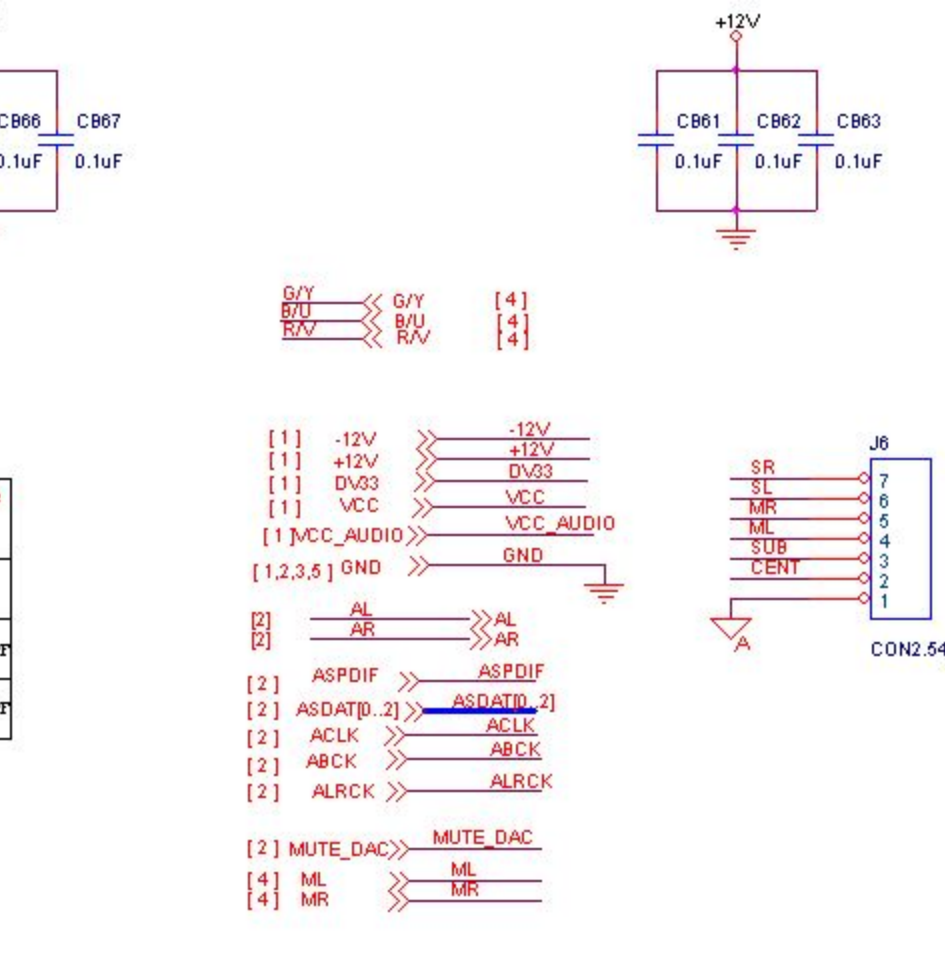
Y3_01	<< Y[3..6]	[2]
AL	<< AL	[2]
AR	<< AR	[2]
ML	<< ML	[5]
MR	<< MR	[5]
G/Y	<< G/Y	[5]
B/U	<< B/U	[5]
R/V	<< R/V	[5]
FSD	<< FSD	[2]
AZ1	<< AZ1	[2]
ASDATD	<< ASDATD	[2]
RGB_SWITCH	<< RGB_SWITCH	[2]
GND	<< GND	[1]
VCC	<< VCC	[1]
+12V	<< +12V	[1]
-12V	<< -12V	[1]



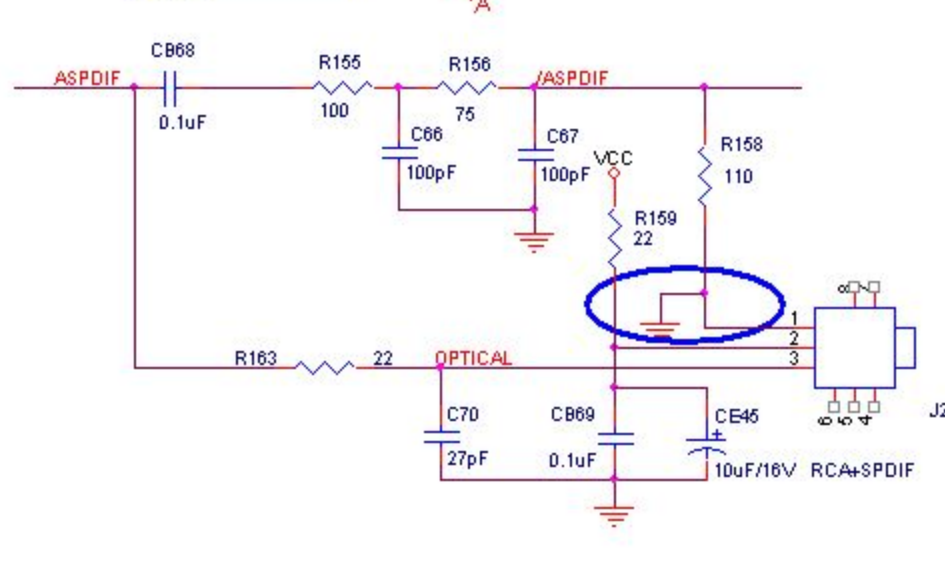
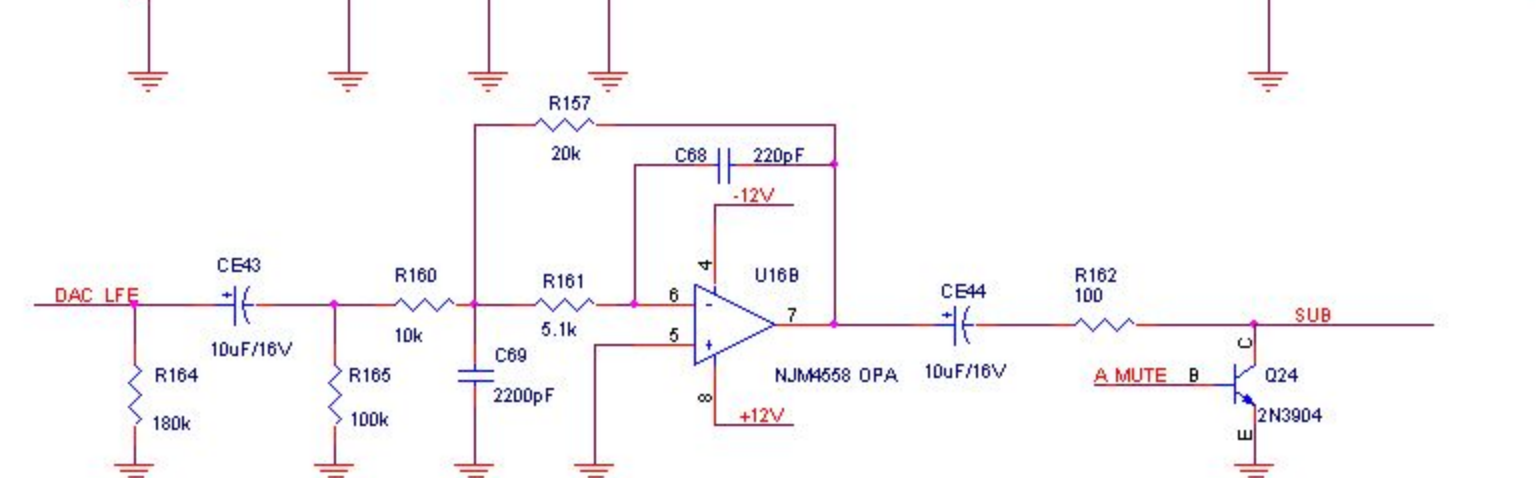
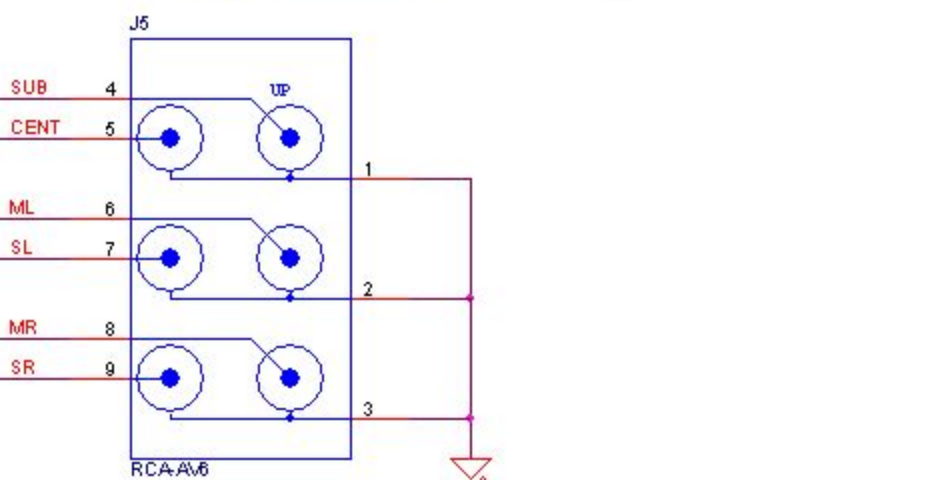
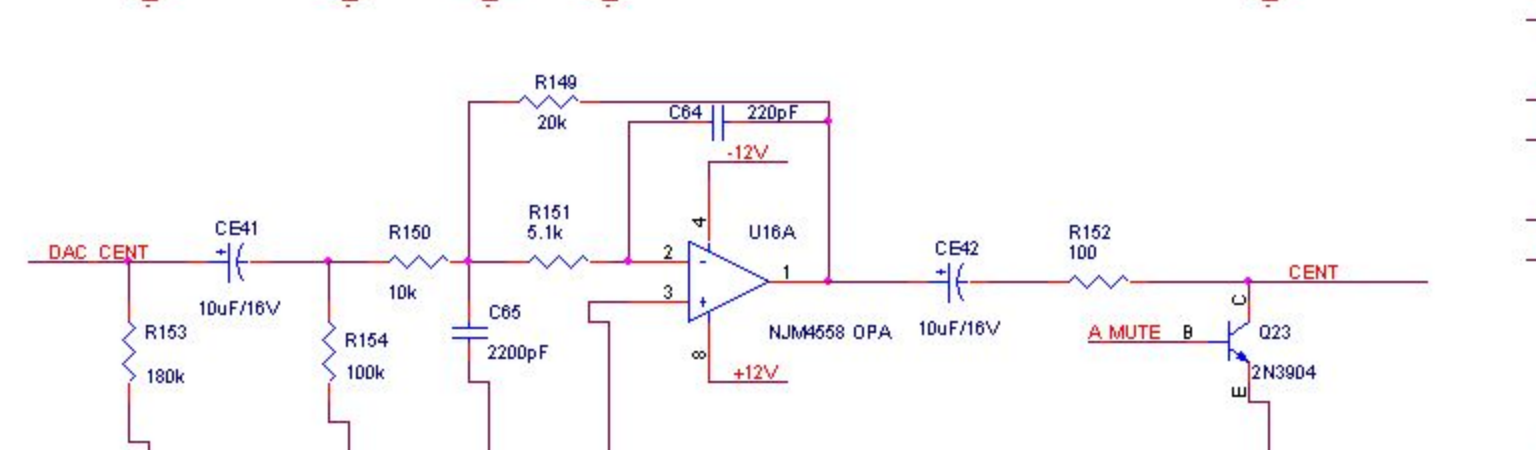
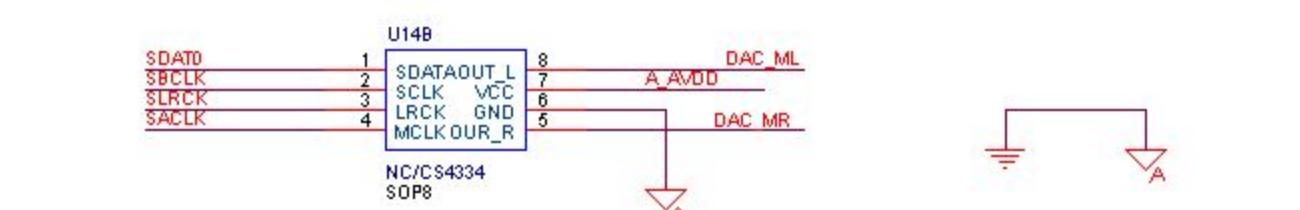


**Notice**  
When use internal Adac must change follow value  
R101&R114=31K; C57&C59=1000PF; C56&C58=100PF

	R101	R114	C56	C57	C58	C59
Internal DAC	31K	31K	100PF	1000PF	100PF	1000PF
External DAC	20K	20K	220PF	2200PF	220PF	2200PF



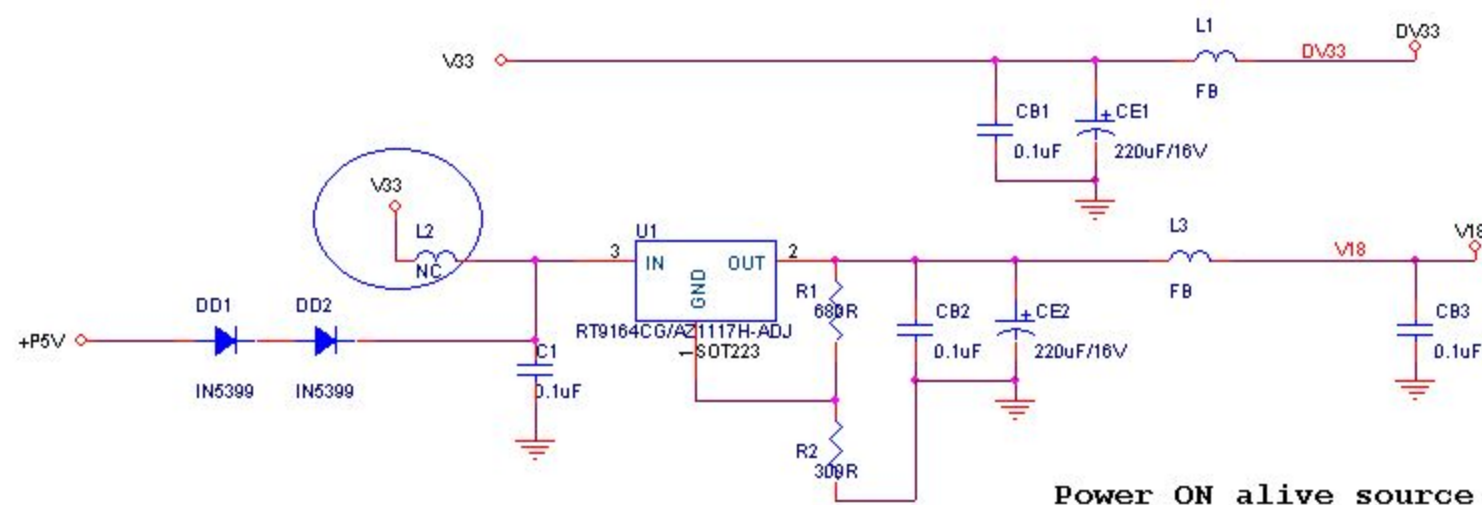
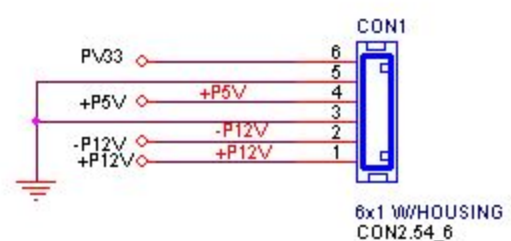
**HARDWARE: IIS 24BIT**



# MT1389D (LQFP216) DVD Demo Board for Sanyo Slim HD60 PUH

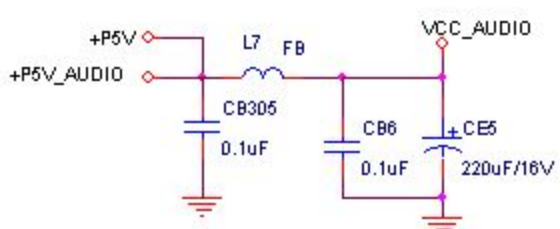
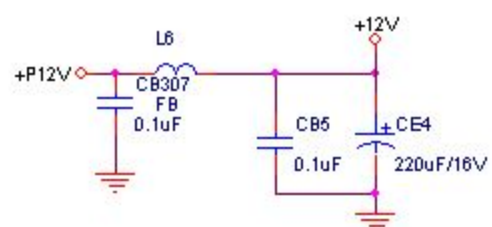
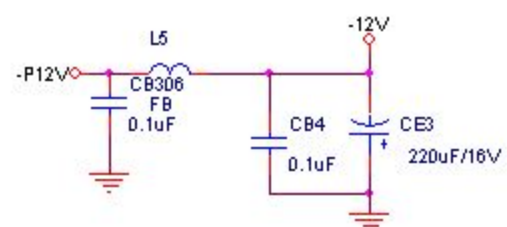
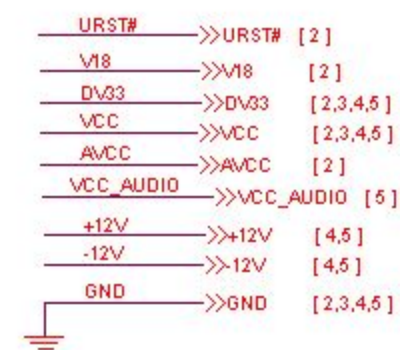
- 1 INDEX & POWER, RESET
- 2 RF, SERVO & MPEG - MT1389E
- 3 MEMORY - SDRAM, FLASH/EEPROM
- 4 VIDEO OUT
- 5 AUDIO DAC WMA8766

NAME	TYPE	DEVICE
VCC	Digital 5V	SUPPLY
DV33	Digital 3.3V	MT1389E
RFV33	Servo 3.3V	MT1389E
LDO_AV33	Laser Diode 3.3V	
AVCC	RF 5V	PICKUP HEADER
V18	Digital 1.8V	MT1389E
SD33	Digital 3.3V	SDRAM
+12V	Audio +12V	OP AMP.
-12V	Audio -12V	OP AMP.
AVDD	Audio 5V	Audio DAC
DVDD	Audio 3V3	Audio DAC



Power ON alive source

Regulator	R2	R1
Fix regulator	0 ohm	OFF
Adj regulator	300 1%	680 1%



PV33 V33

