


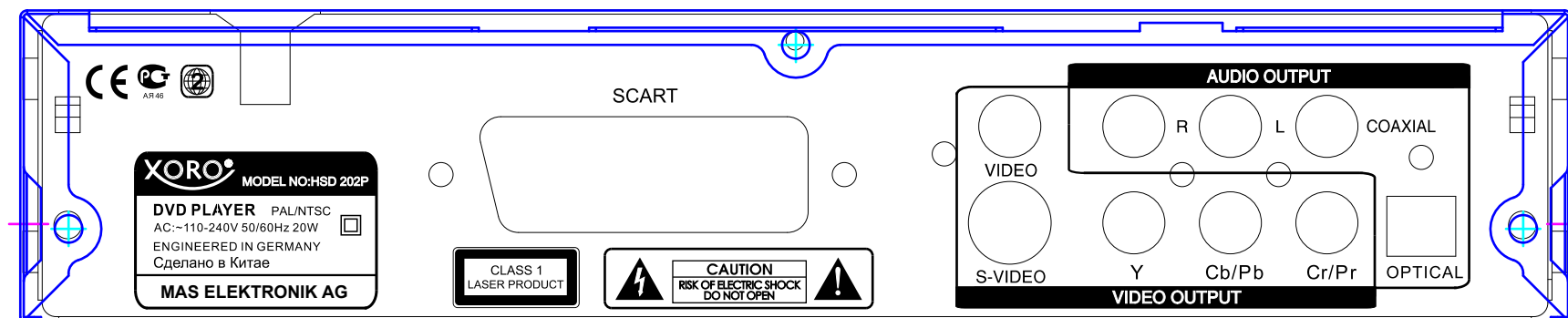
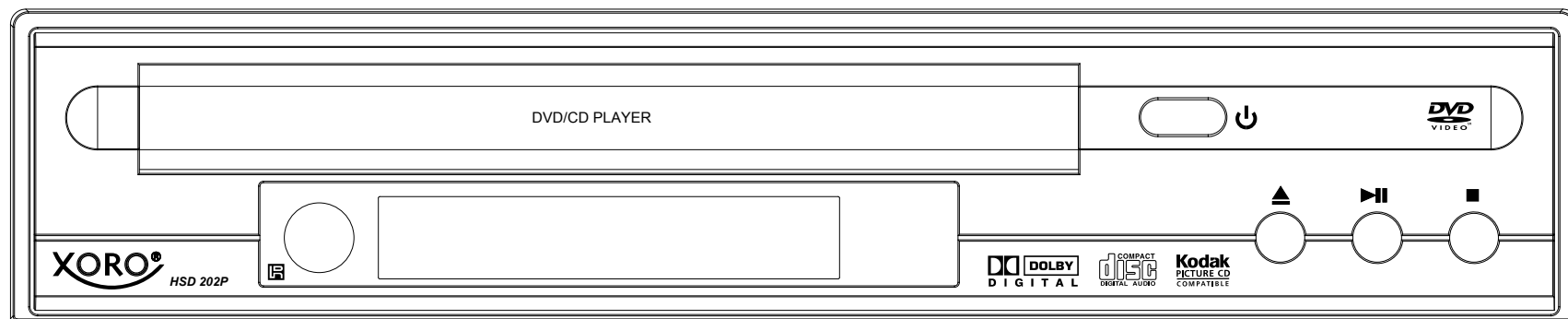
# Service Manual

## ***HSD202P DVD/CD PLAYER***

### **2PRODUCT SAFETY NOTICE**

Many electrical and mechanical parts in this chassis have special safety characteristics. These safety characteristics often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by  in the schematic diagram and the parts list.

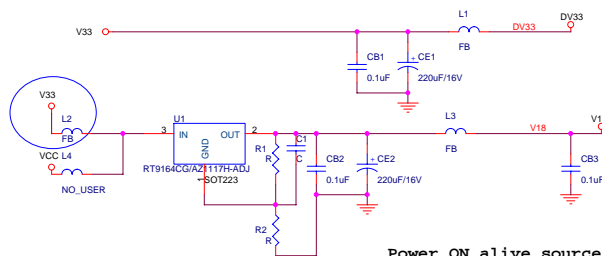
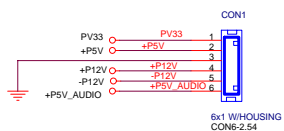
Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteristics as specified in the parts list may create shock, fire or other hazards.



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

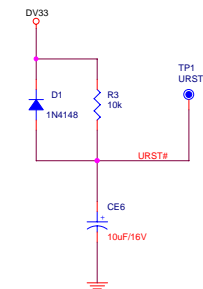
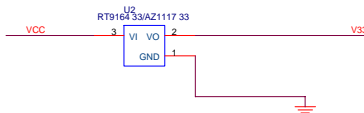
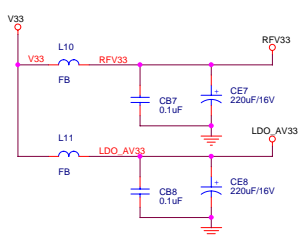
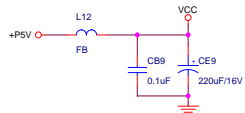
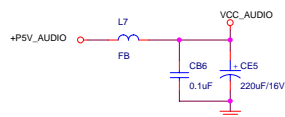
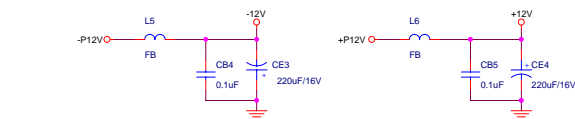
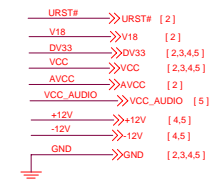
- 1 INDEX & POWER, RESET
- 2 RF, SERVO & MPEG - MT1389E
- 3 MEMORY - SDRAM, FLASH/EEPROM
- 4 VIDEO OUT
- 5 AUDIO DAC WMA8766

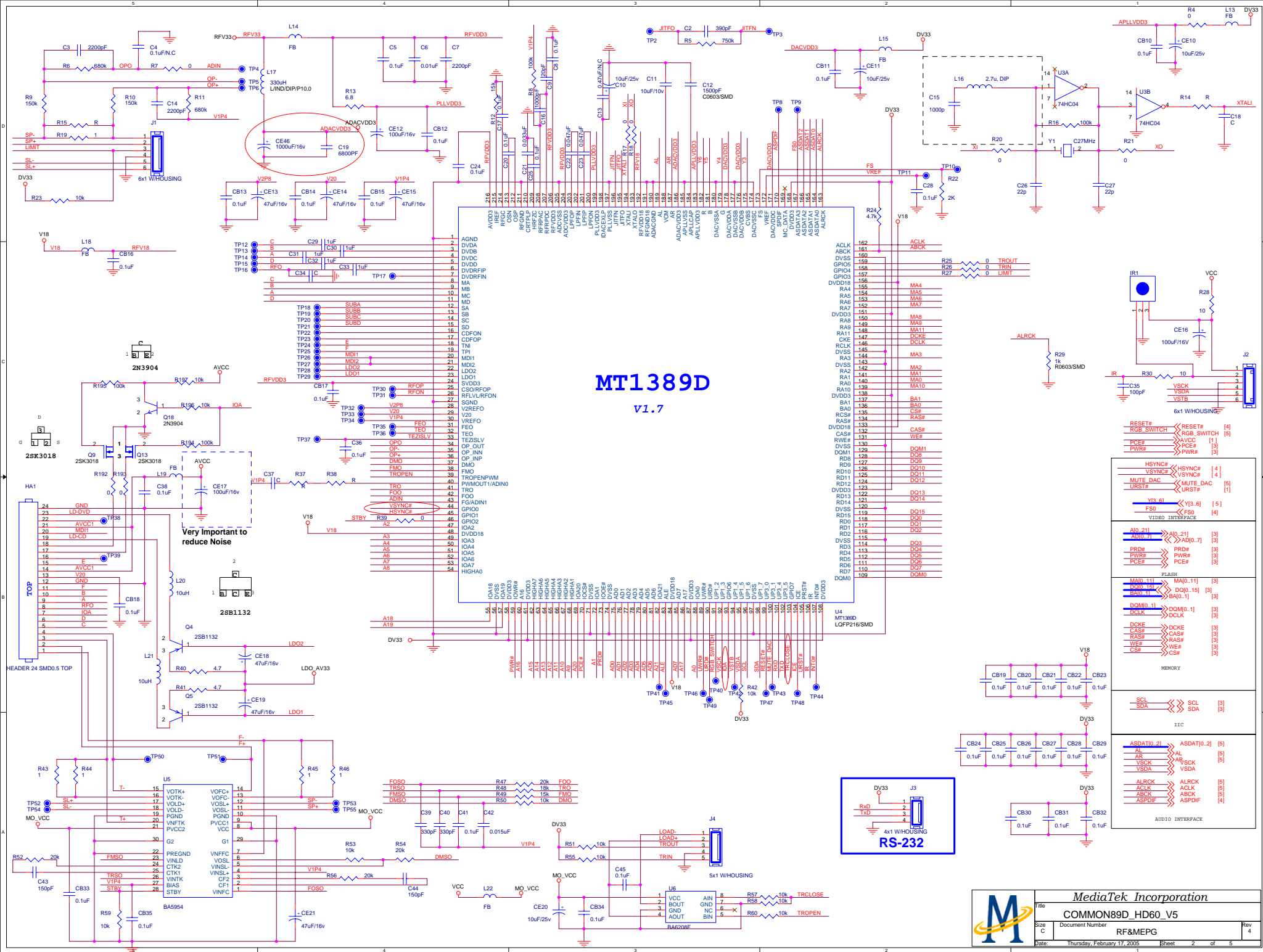
NAME	TYPE	DEVICE
VCC	Digital 5V	SUPPLY
DV33	Digital 3.3V	MT1389E
RFV33	Servo 3.3V	MT1389E
LDO_AV33	Laser Diode 3.3V	
AVCC	RF 5V	PICKUP HEADER
V18	Digital 1.8V	MT1389E
SD33	Digital 3.3V	SDRAM
+12V	Audio +12V	OP AMP.
-12V	Audio -12V	OP AMP.
AVDD	Audio 5V	Audio DAC
DVDD	Audio 3V3	Audio DAC

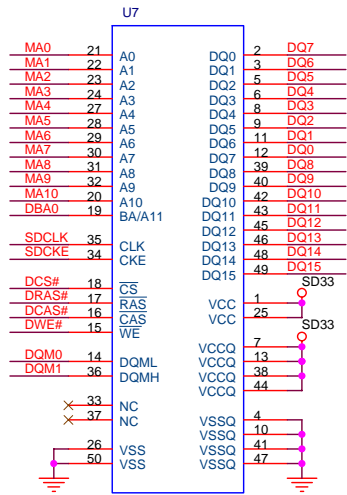


Power ON alive source

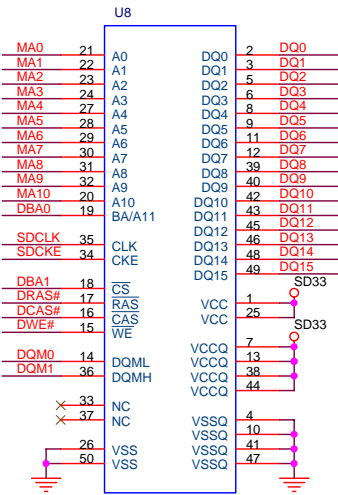
Regulator	R1	R2
Fix regulator	0 ohm	OFF
Adj regulator	300 1%	680 1%



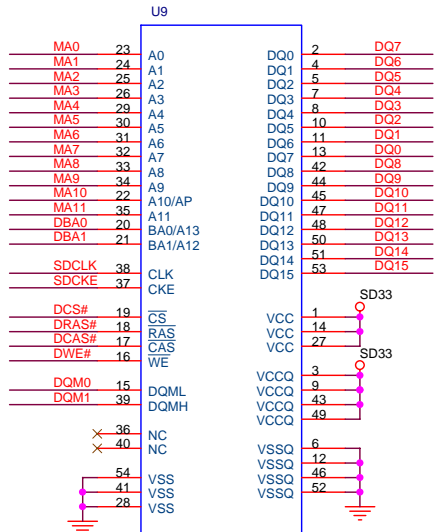




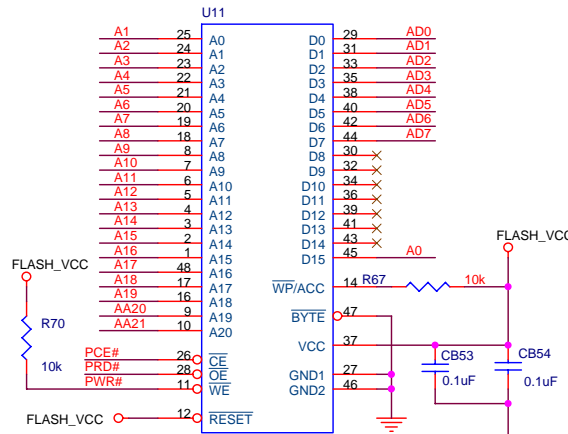
ESMT M12L16161A-7



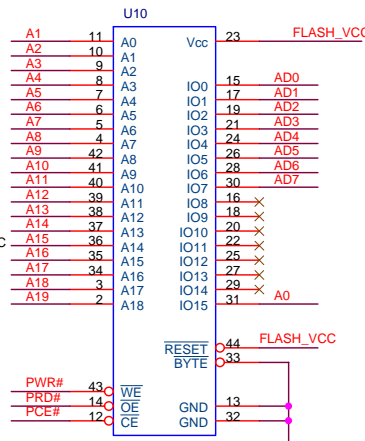
ESMT M12L16161A-7



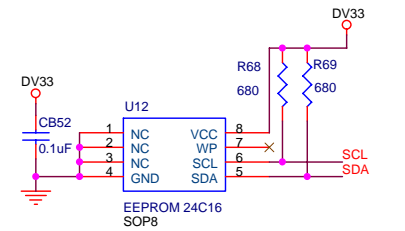
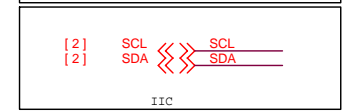
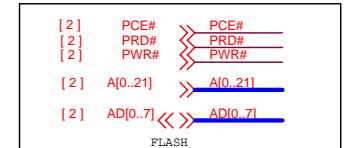
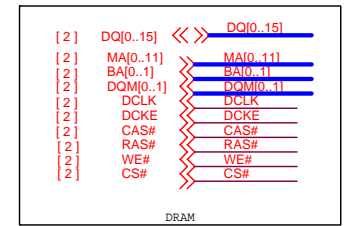
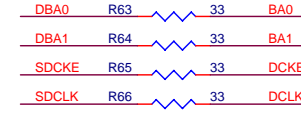
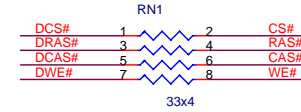
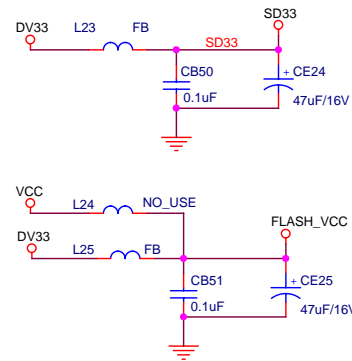
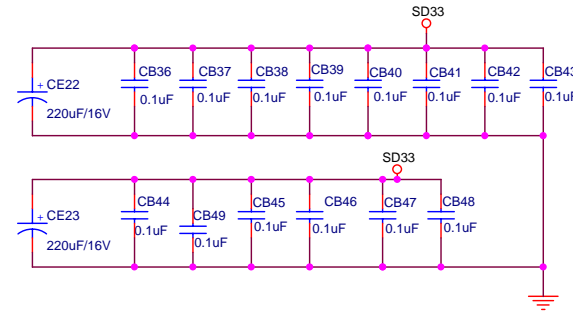
ESMT M12L64164A/N.C.  
TSOP(II)-54/SMD



STM29V160/MX29LV800(160)  
TSOP 48 pin  
8M 16M 32M FLASH



AT49F8192A, SOP  
8M Flash



**MediaTek Incorporation**

Title: COMMON89D\_HD60\_V5

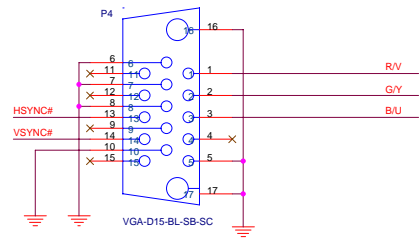
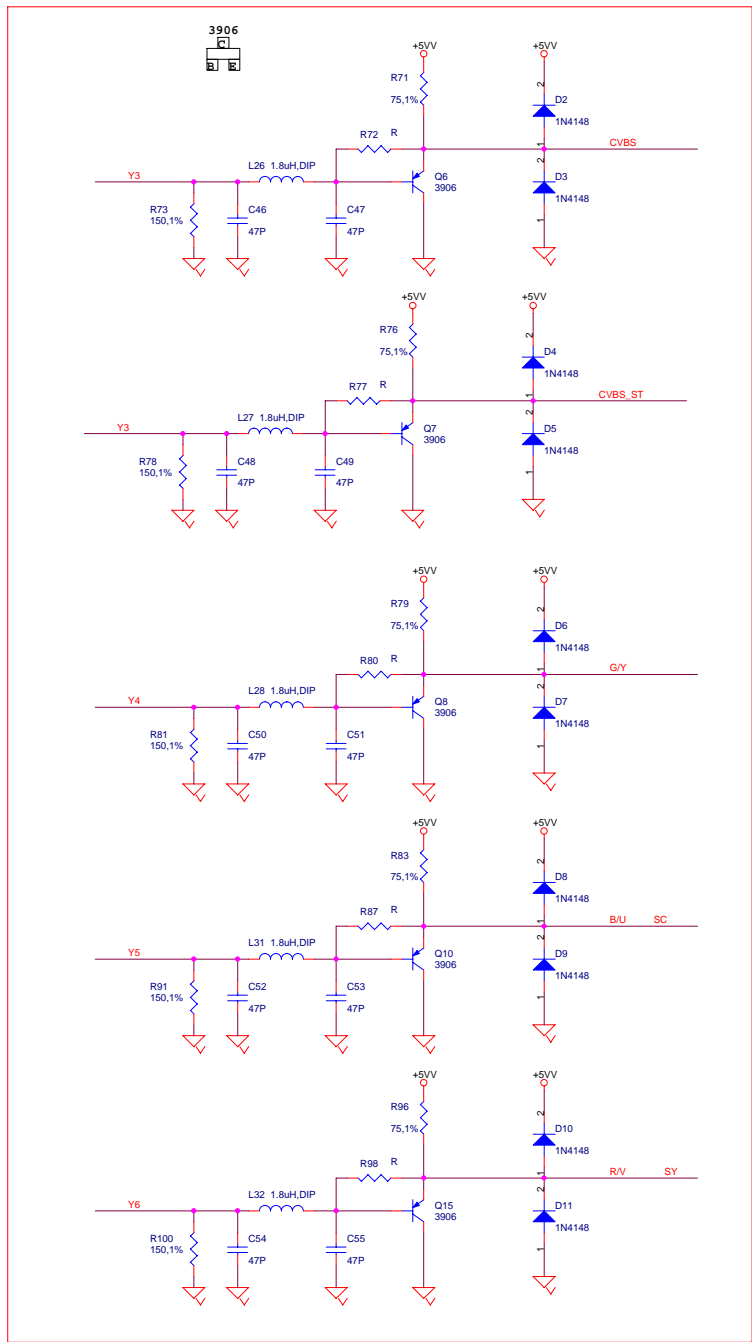
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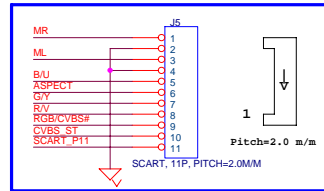
Rev 4

SDRAM&FLASH

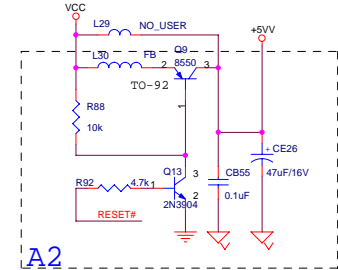
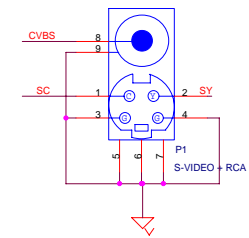
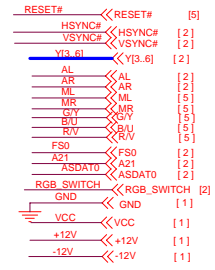
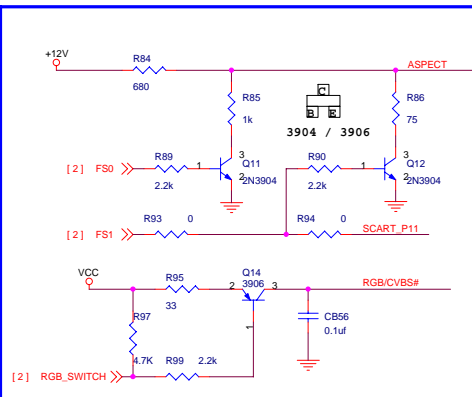
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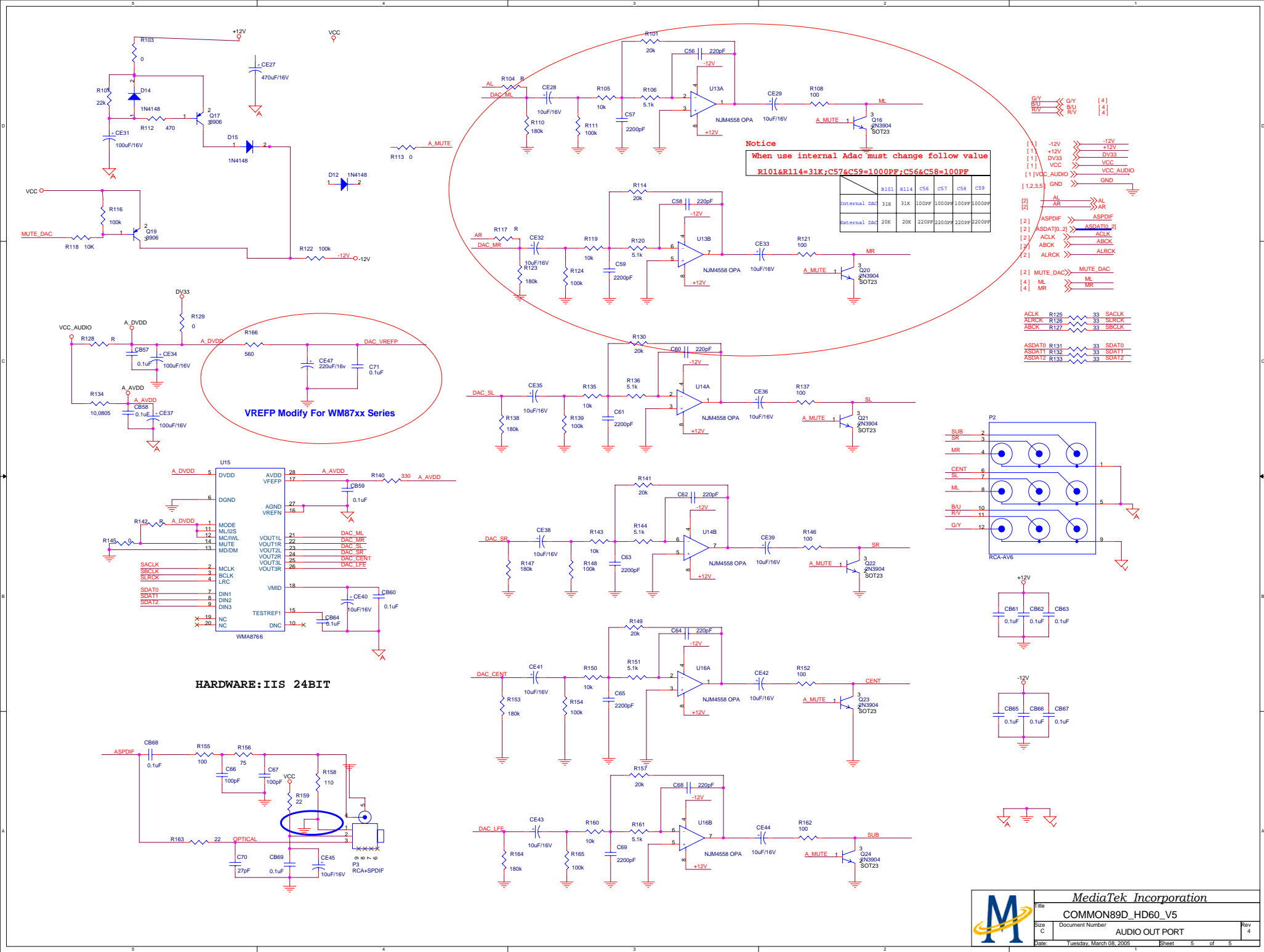
#### SCART CONNECTOR

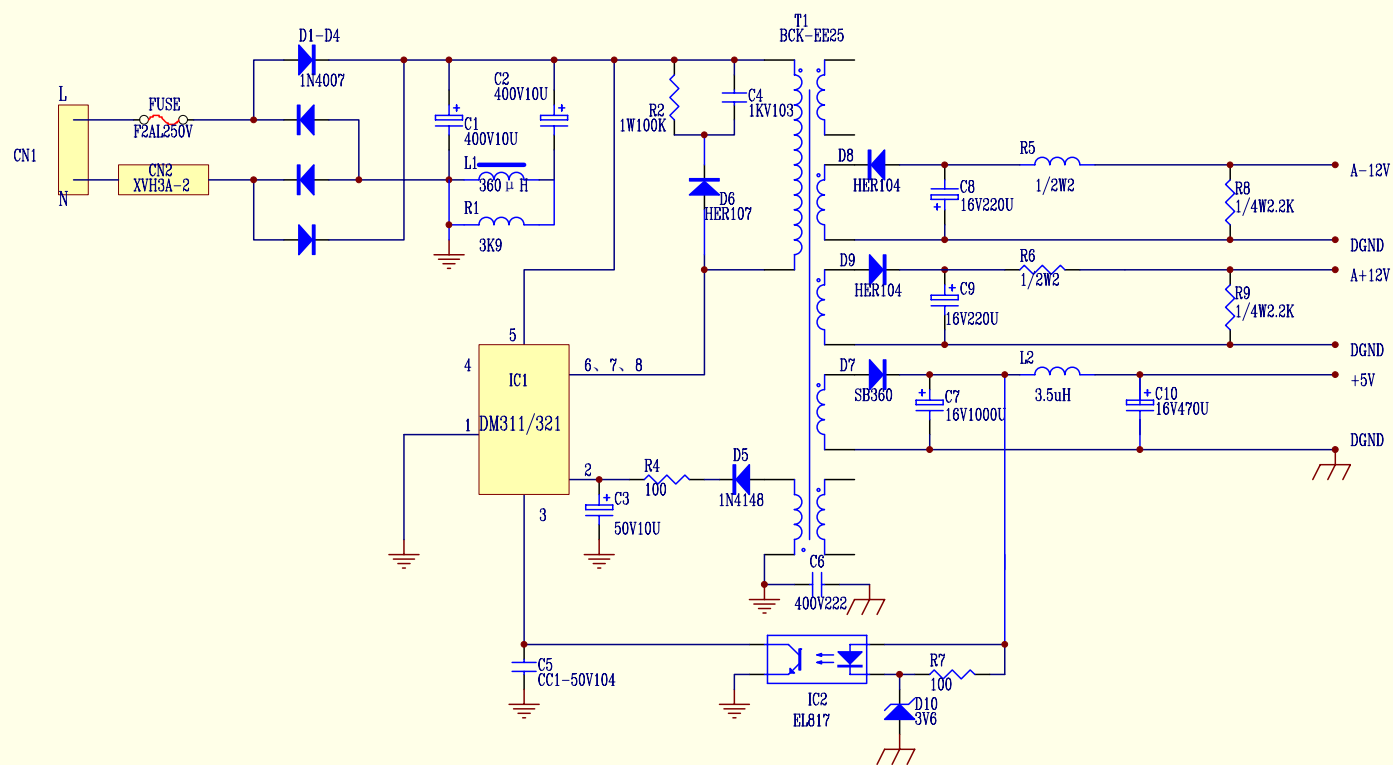


#### SCART CONTROL



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Date:		Thursday, February 17, 2005	Sheet 4 of 5





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