

GM21 LCD TV

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彩电维修资料网

TV160

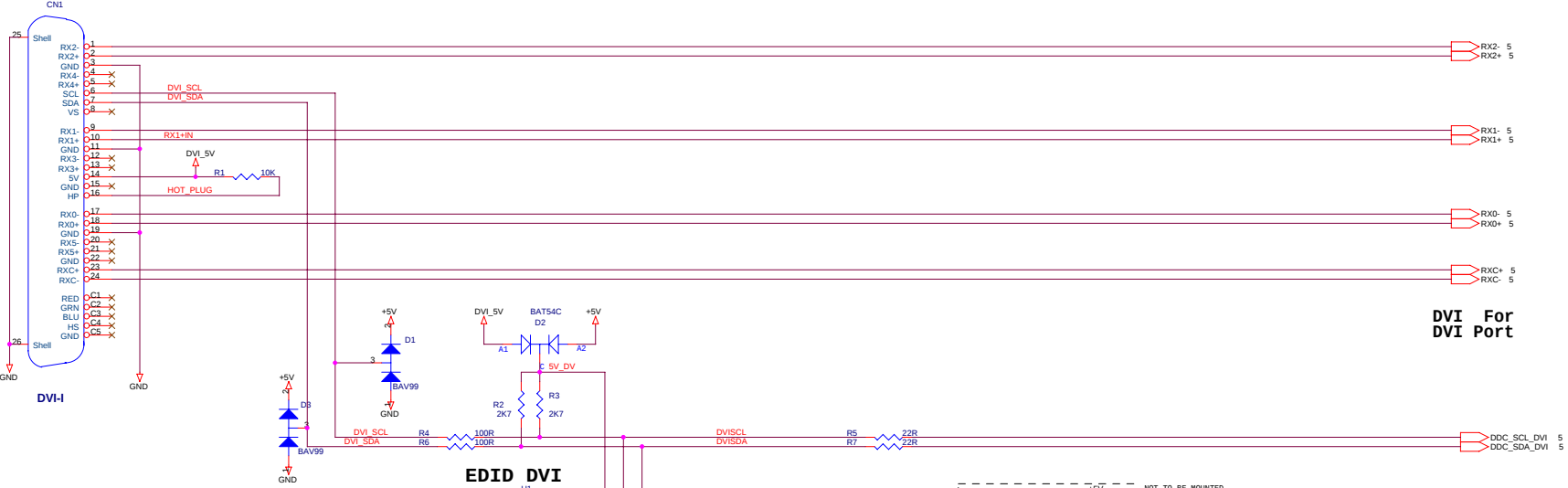
<http://www.tv160.net>

彩电维修资料网

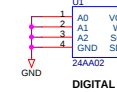
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Approval	Organization	Signature	Date
		CHY	04-05-17

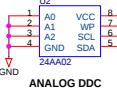
DVI INPUT CONNECTOR



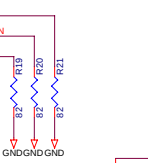
EDID DVI



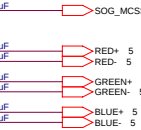
EDID VGA



VGA RGB In

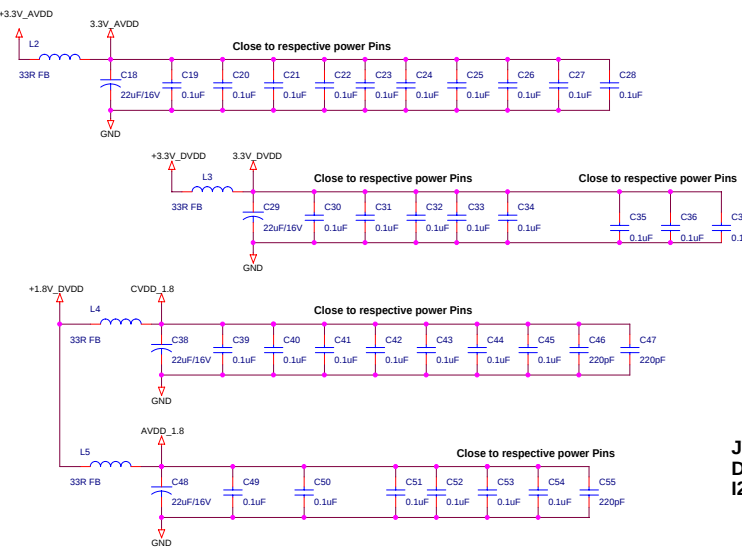


MUXED RGB TO 5221ADC INPUT

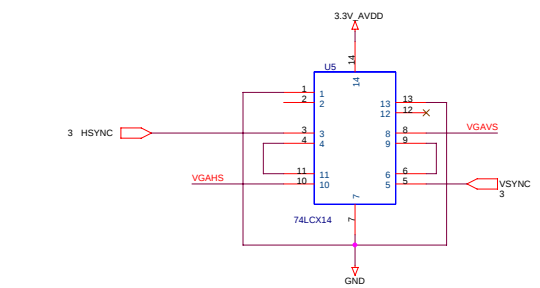


YPrPB Video In

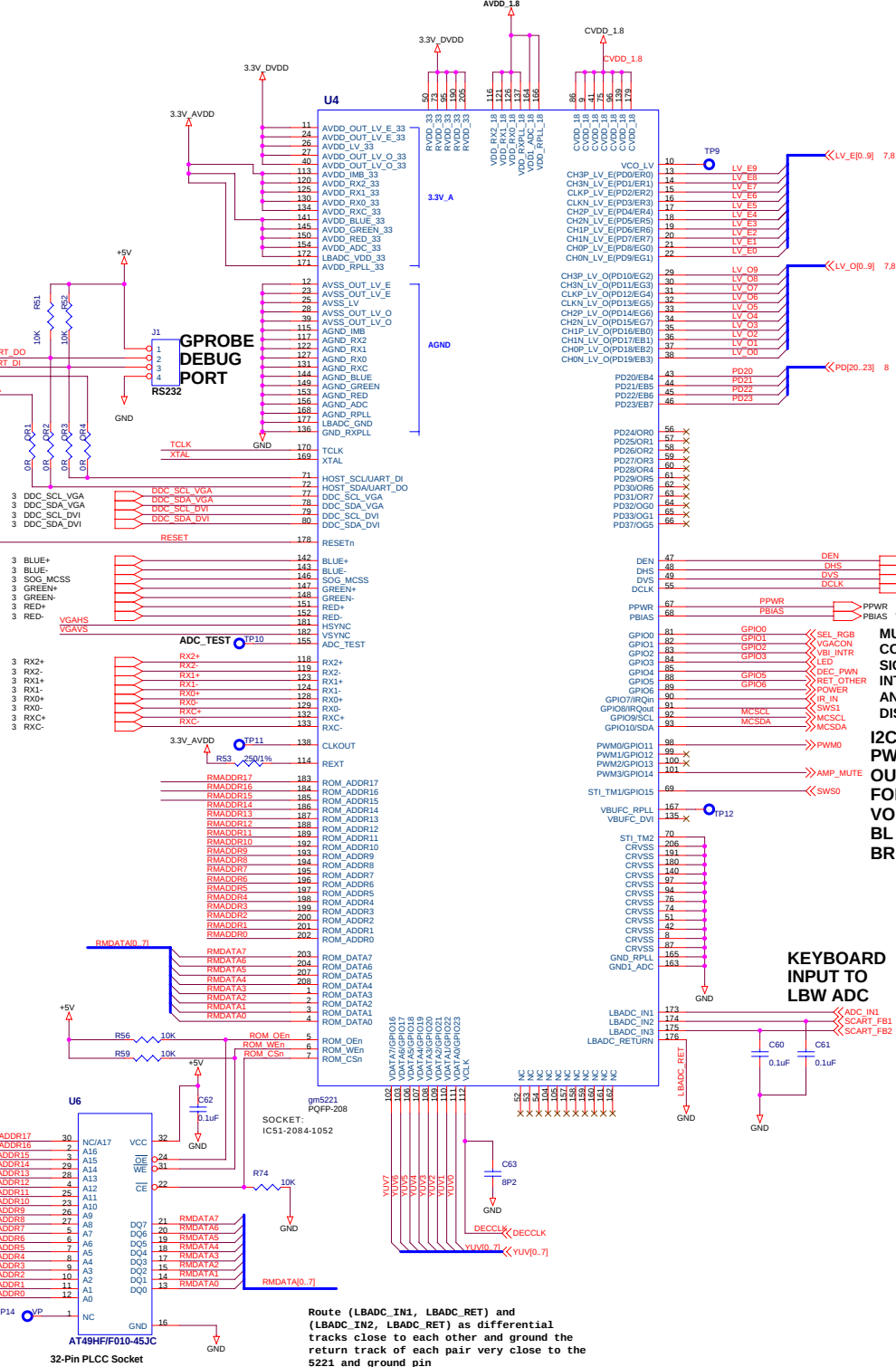
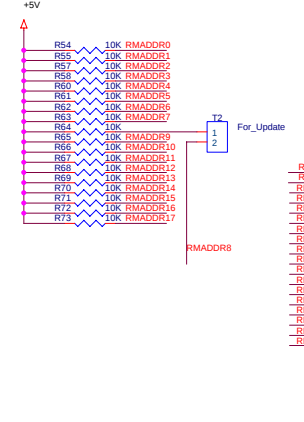




Rootstrap Signals	
RMADDR[6:0]	For I2C address [6:0] to JTAG bridge Host VF, to determine device address.
RMADDR[12:7]	User_Bits[5:0] for configuration setting
RMADDR[14:13]	OP_MODE[1:0]: 00 = Normal op. UART in 186 on system pins. 01 = I2C to JTAG bridge. 10 = JTAG port, 5 wires. 11 = External parallel control bus using ROM Addr/Data
RMADDR15	SPI_LEN: 0 = parallel ROM (IF. 1 = SPI serial ROM and Cache control
RMADDR16	Initial state of OCM ROM: 0 = internal ROM on, and mapped to top 32K of OCM and OCM boot will be from internal ROM code. 1 = internal ROM off. The external ROM mapped to entire upper 512K of OCM address. OCM boot from external ROM code.
RMADDR17	OSC_SEL: 0 = Xtal and internal oscillator. 1 = TTL oscillator (on TCLK pin)



BOOTSTRAP OPTIONS SELECT (NOT POPULATED SHOULD BE HARD WIRED)



MUX SEL,VGA CONNECTOR SIGNAL,VBI INTR, LED, AMP AND AUDIO DISABLE

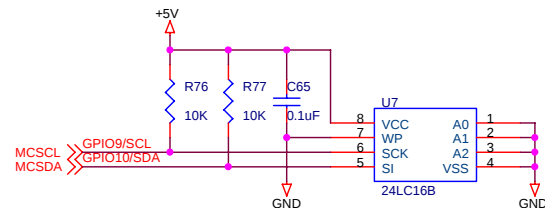
I2C PWM OUTPUT FOR AMP VOLUME, BL BRITNESS

KEYBOARD INPUT TO LBW ADC

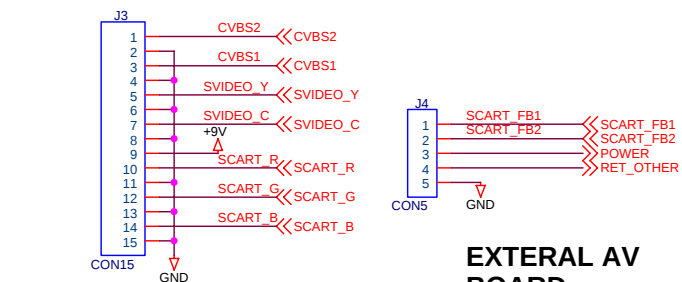
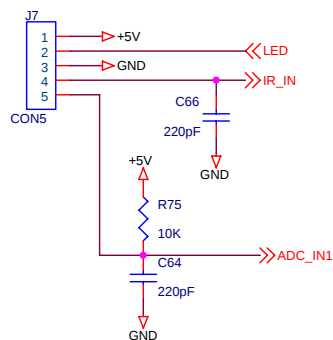
Route (LBADC_IN1, LBADC_RET) and (LBADC_IN2, LBADC_RET) as differential tracks close to each other and ground the return track of each pair very close to the 5221 and ground pin

Keypad INTERFACE

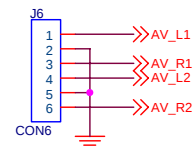
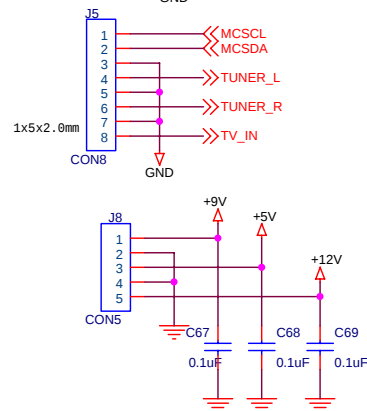
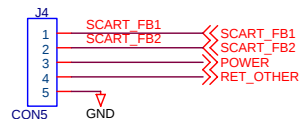
NV RAM INTERFACE

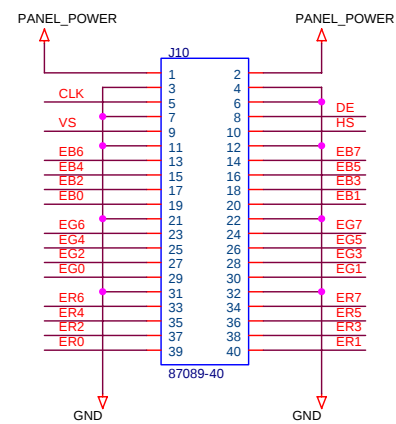
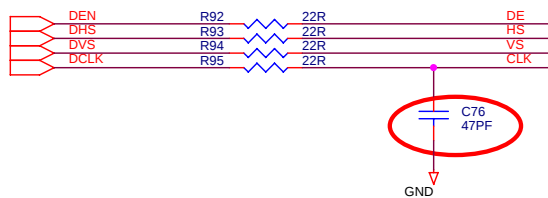


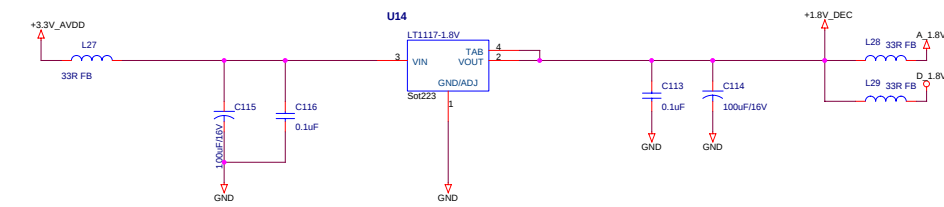
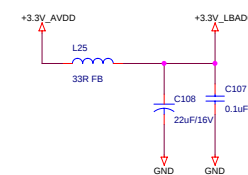
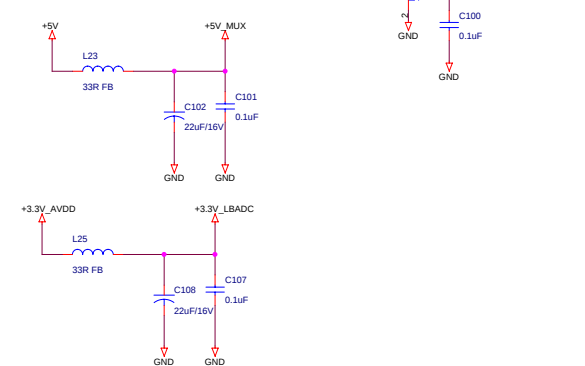
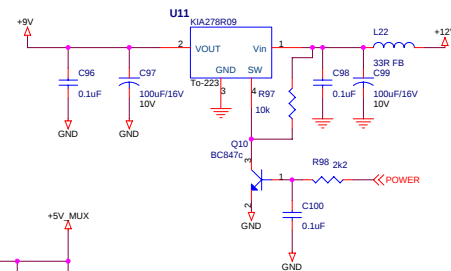
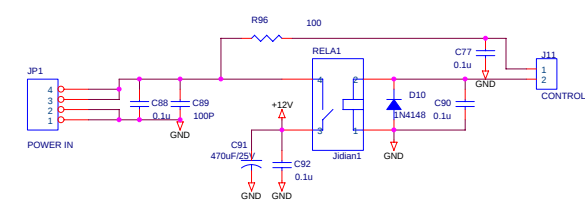
IR REMOTE SENSOR INTERFACE

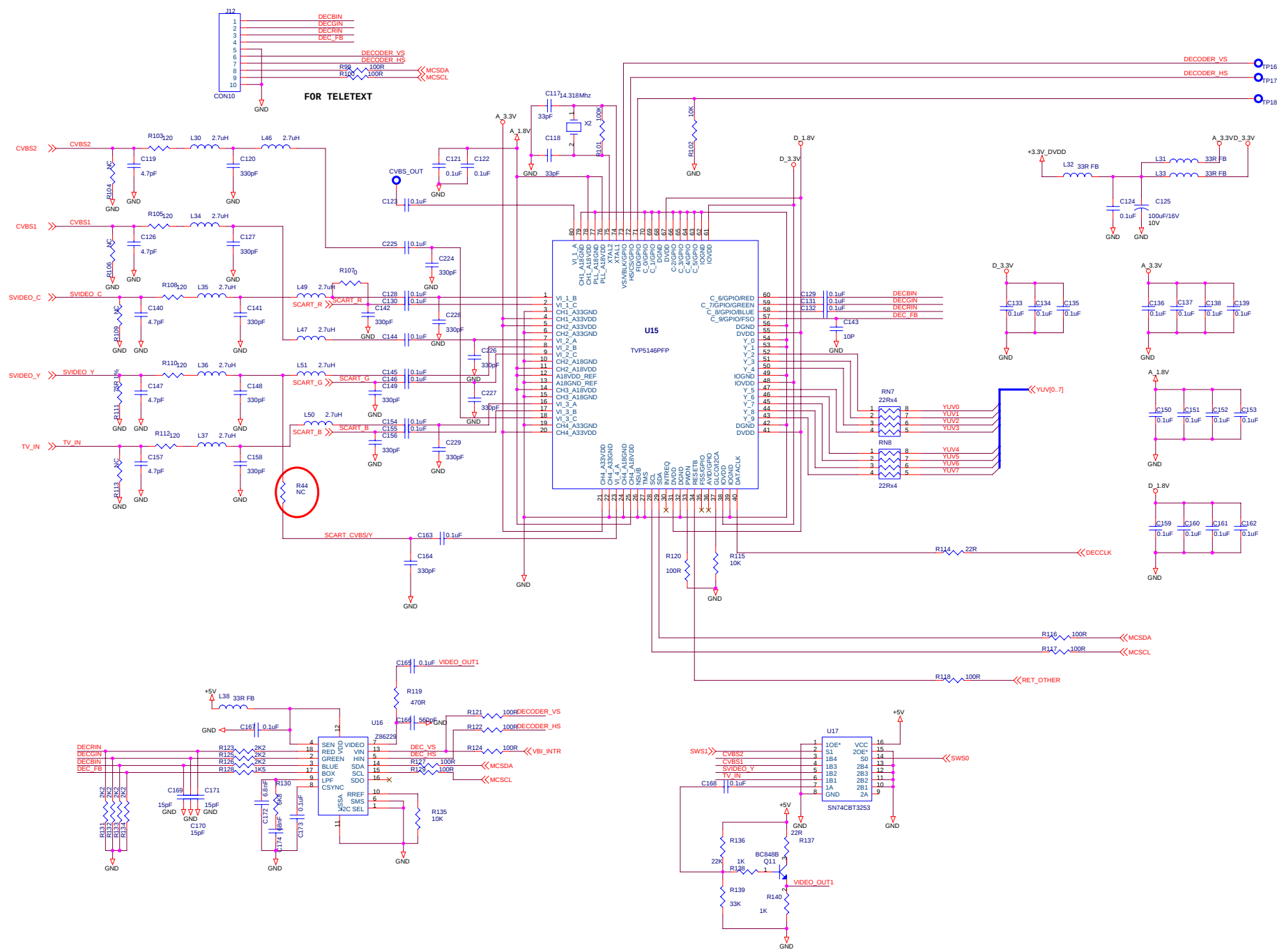


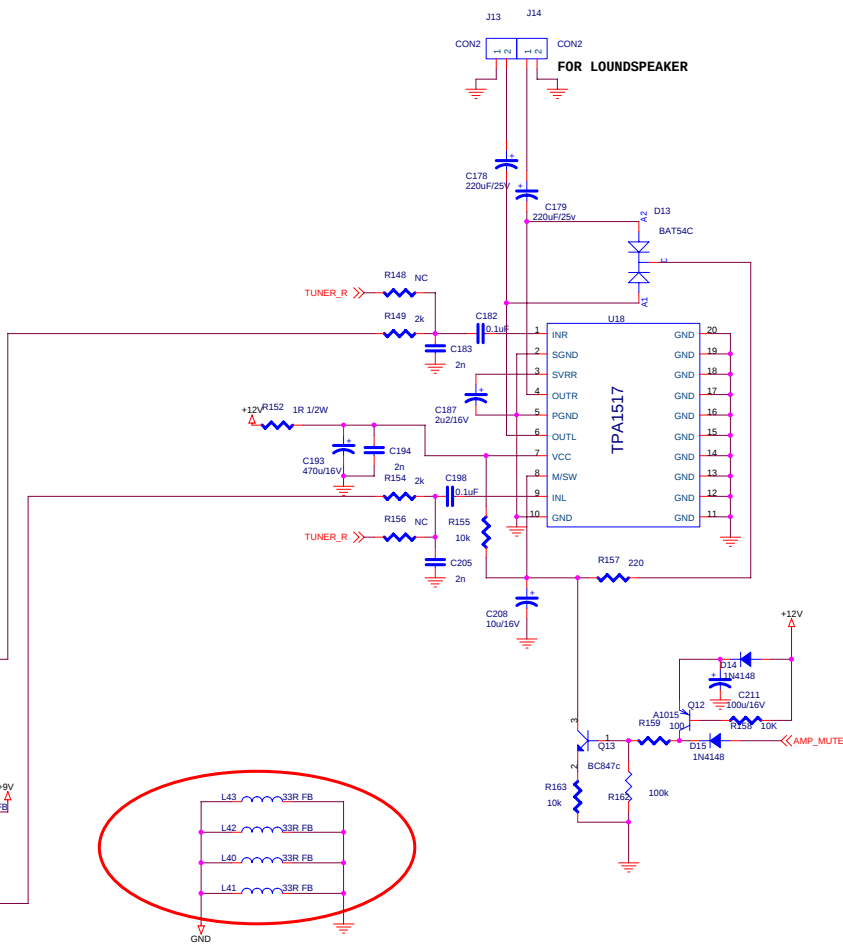
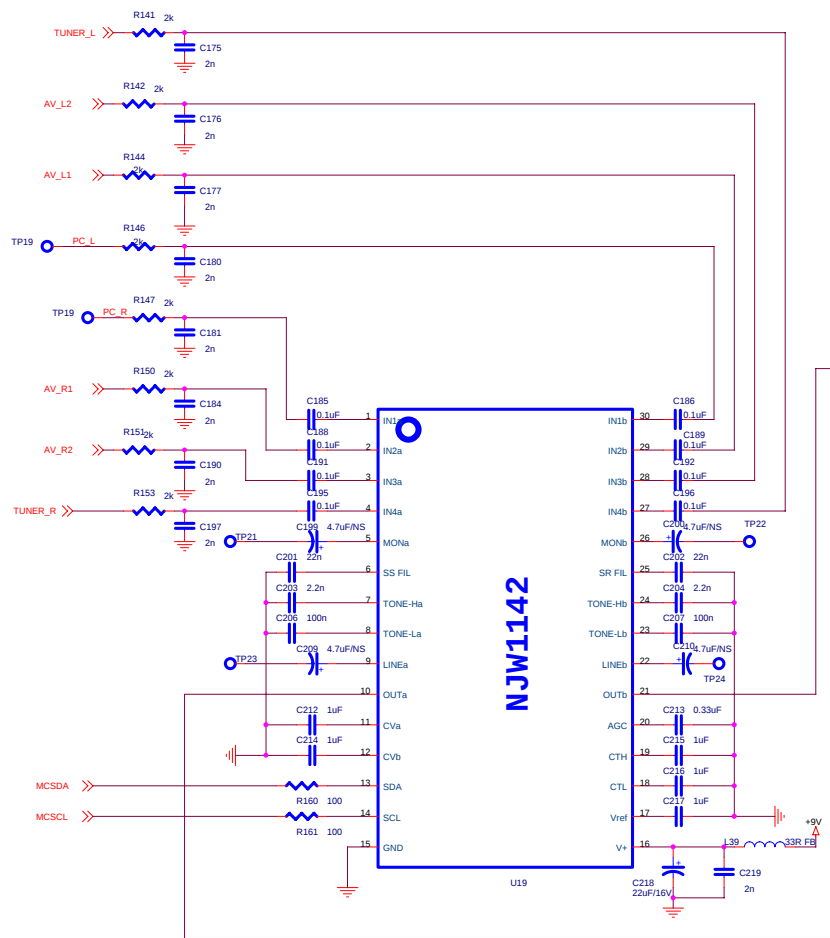
EXTERAL AV BOARD INTERFACE



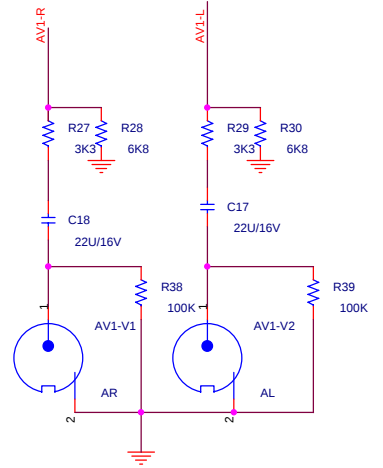
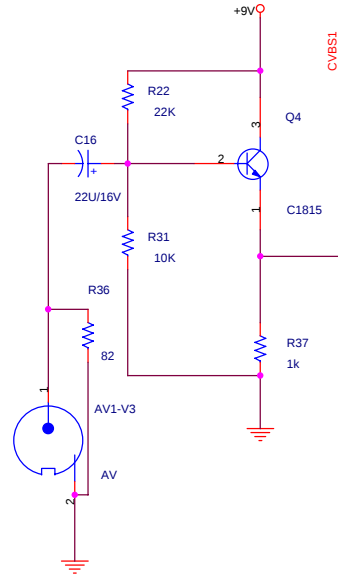
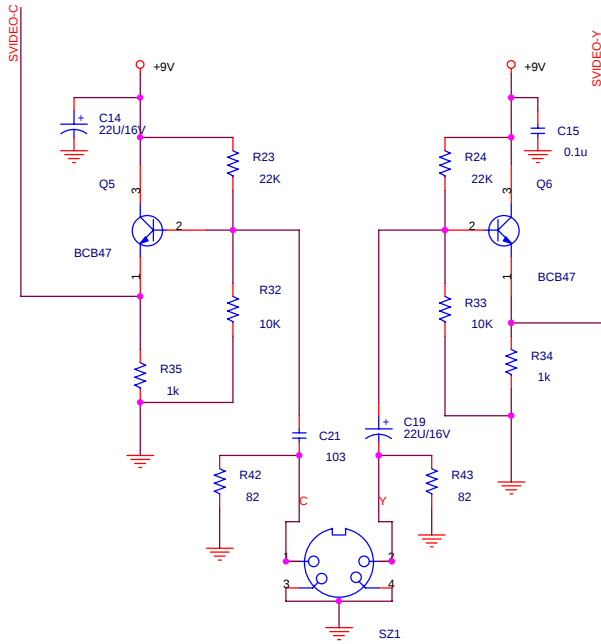
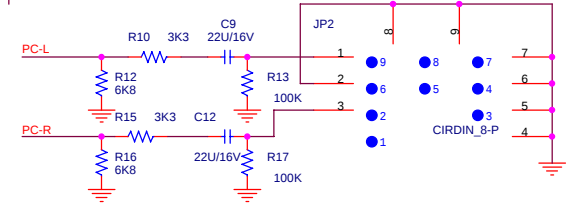
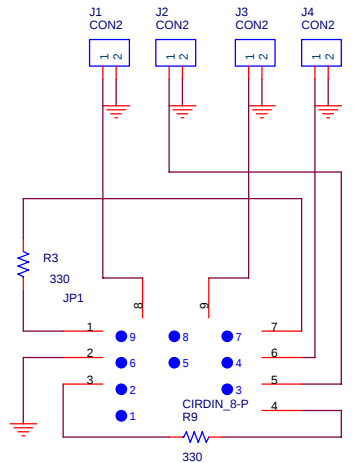
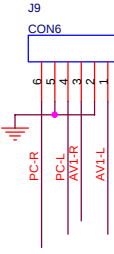
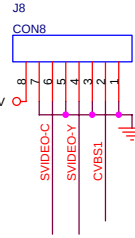
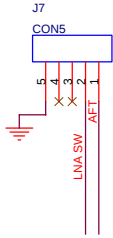
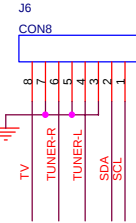
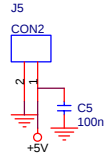
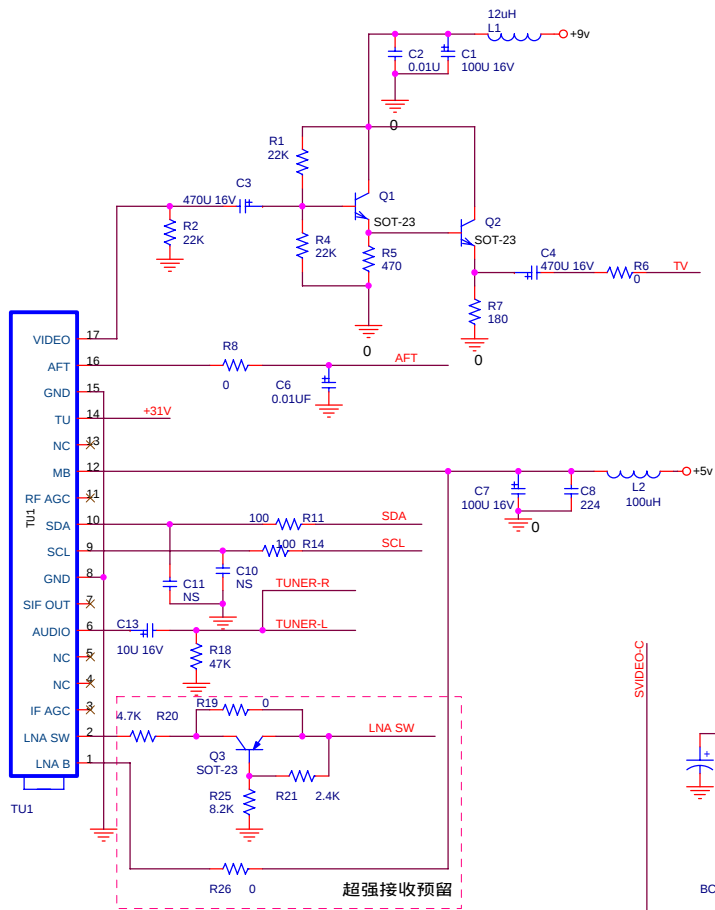




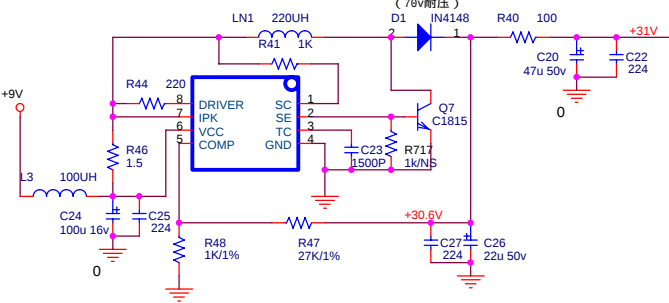




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