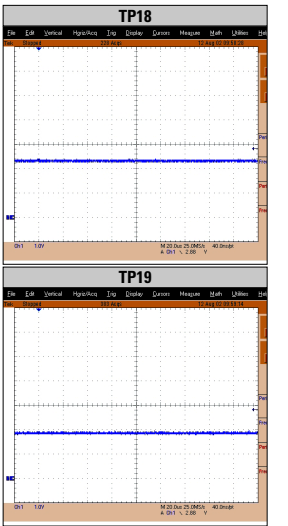
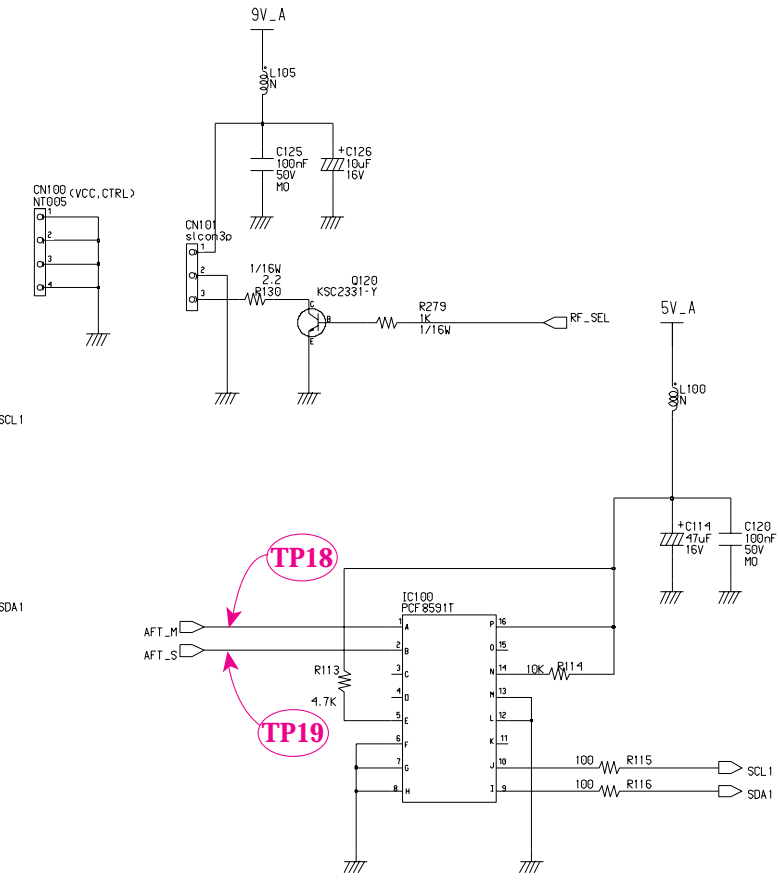
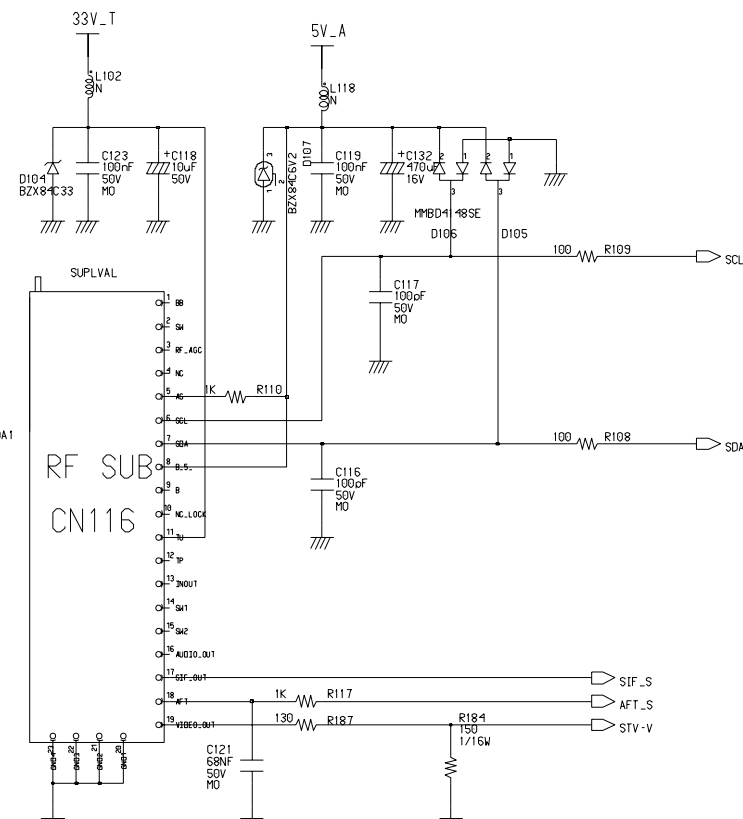
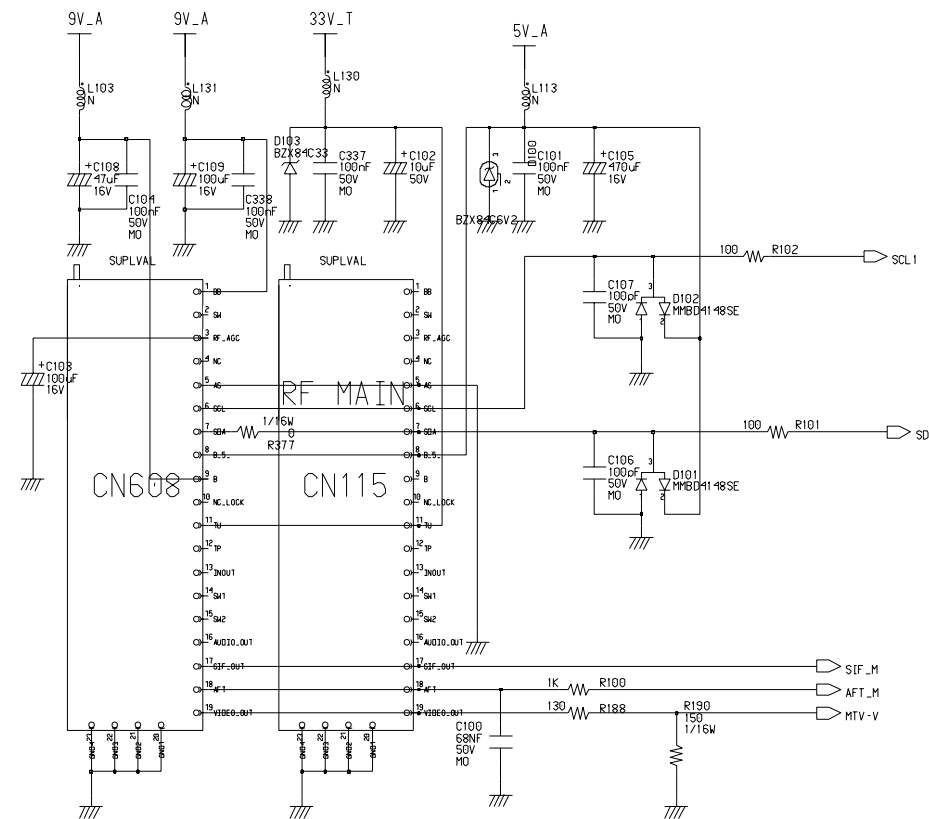
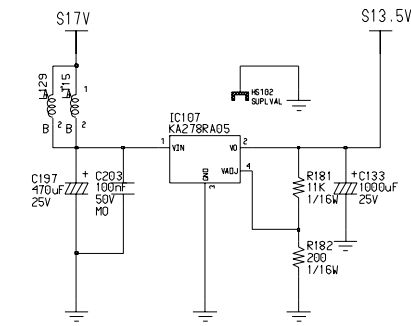
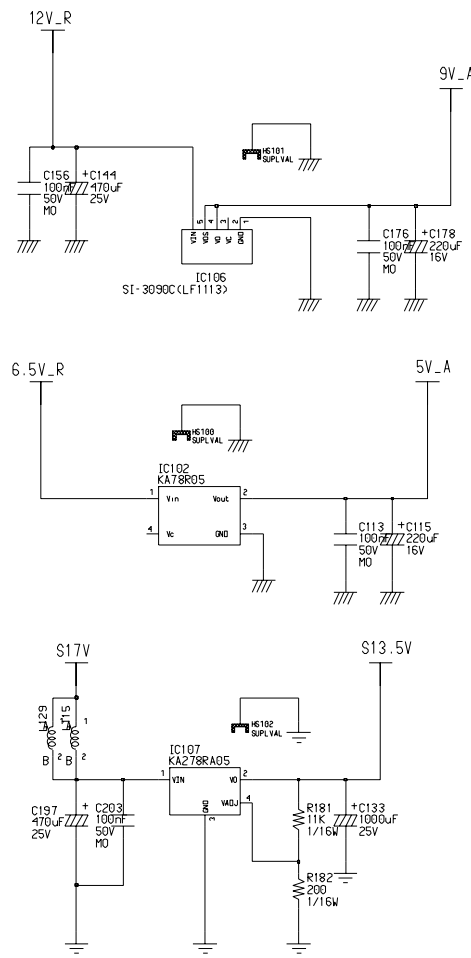
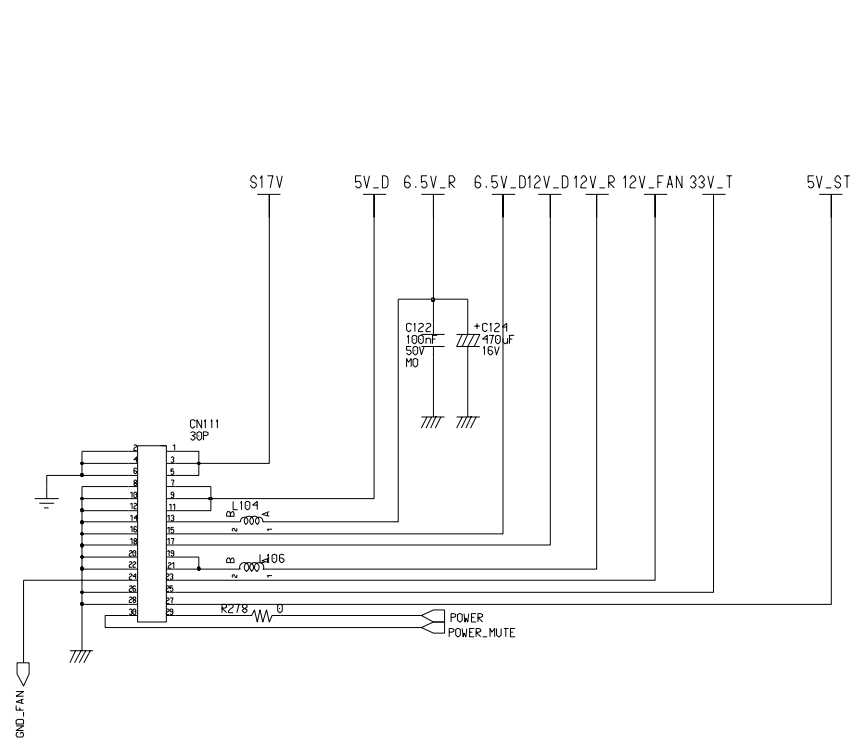


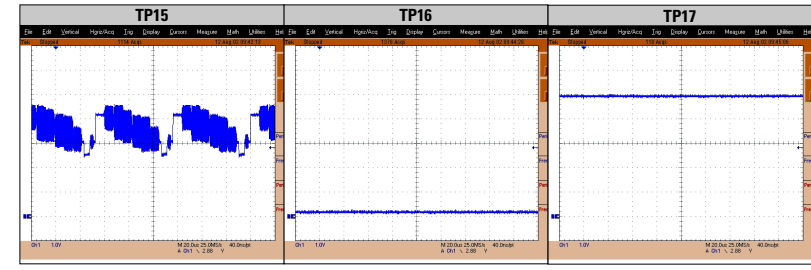
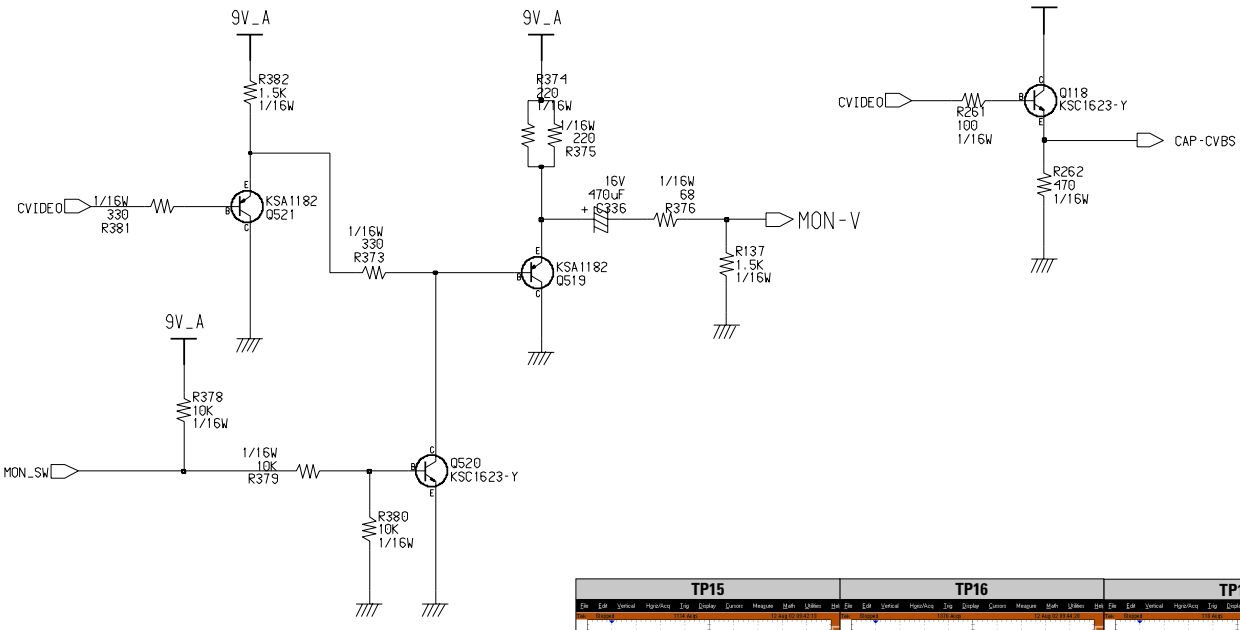
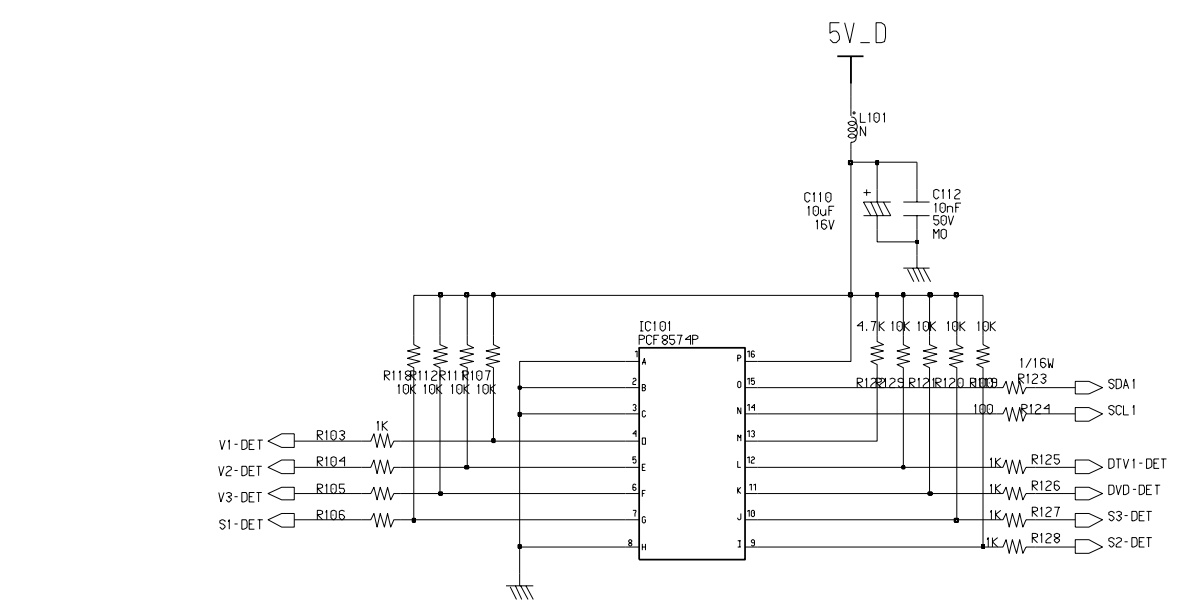
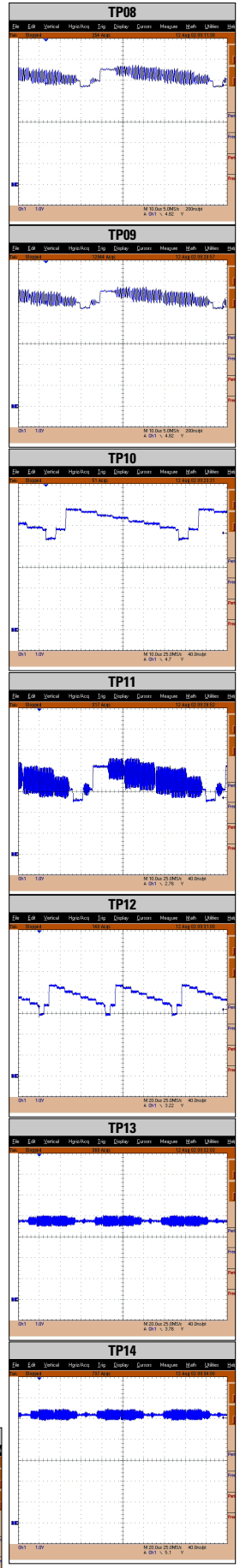
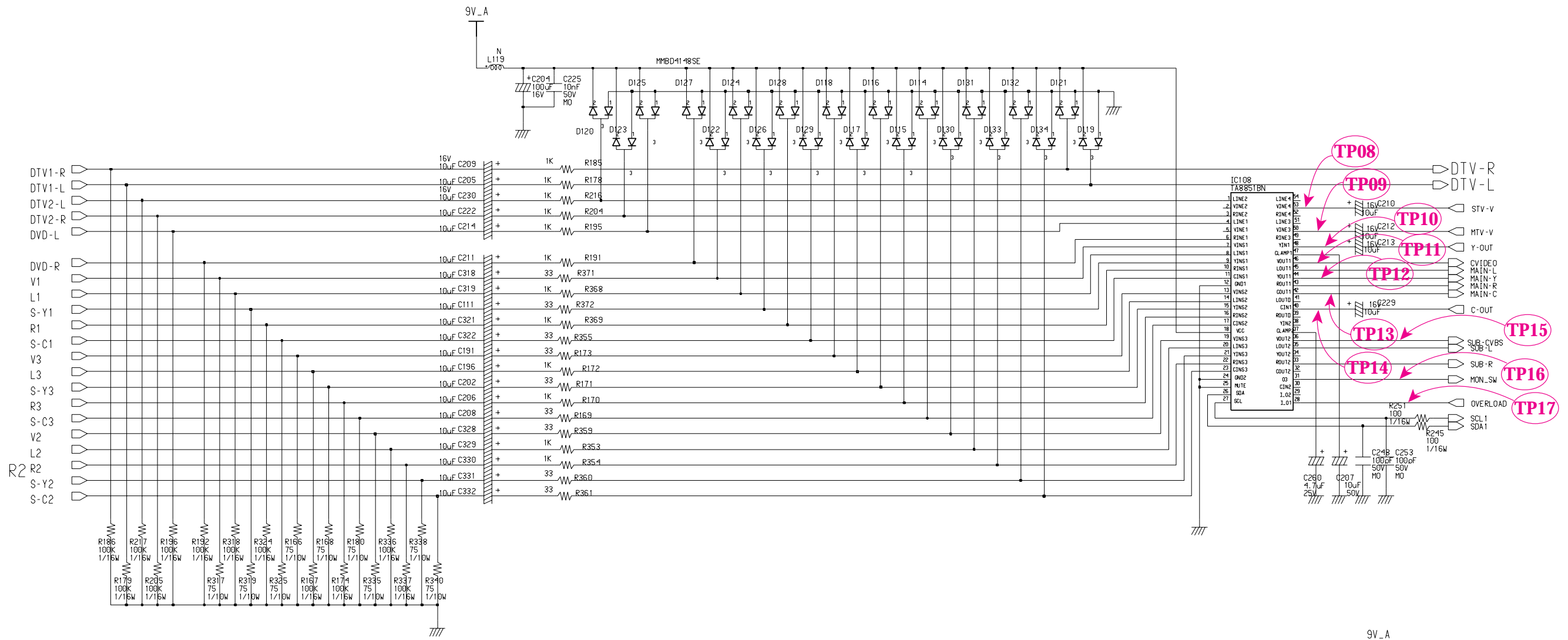
# 11. Schematic Diagrams

## 11-1 ANALOG

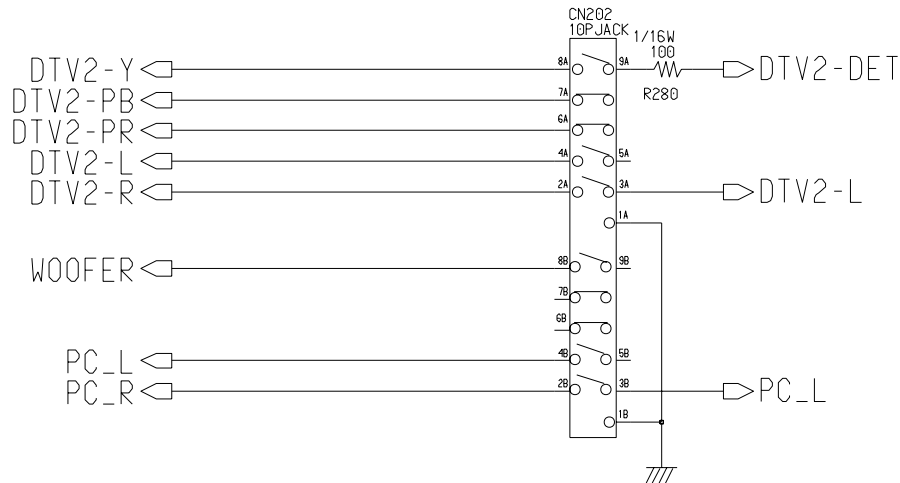
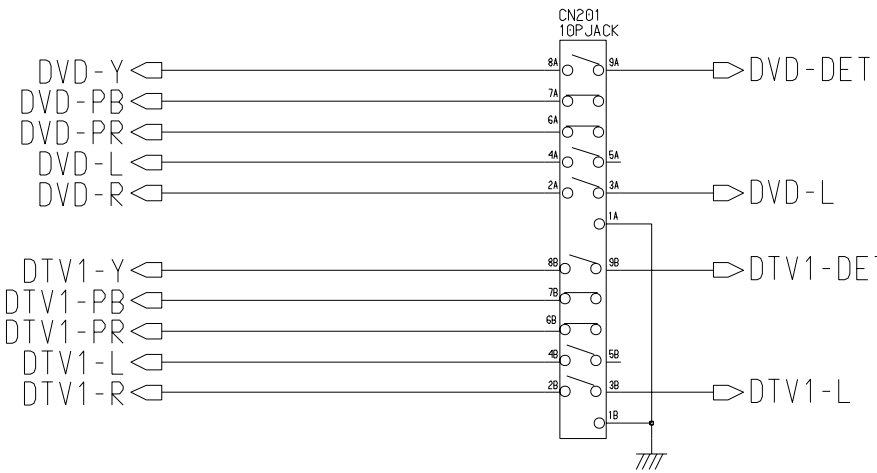
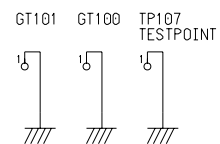
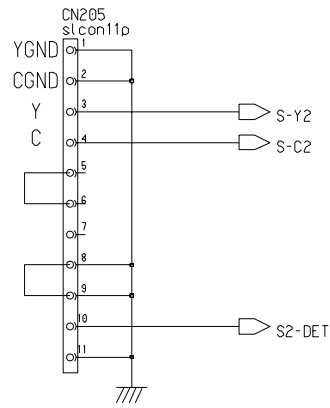
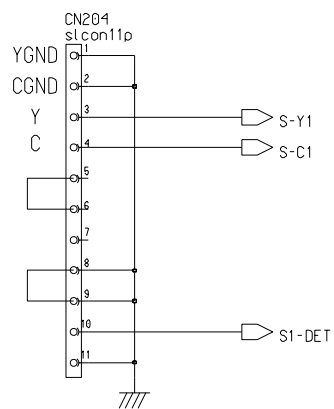
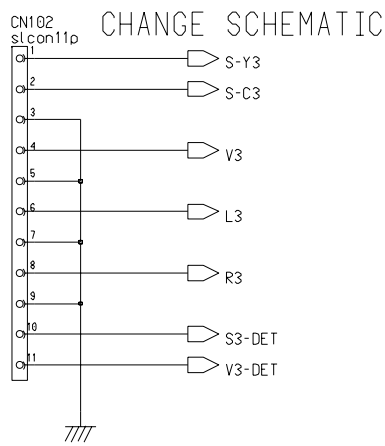
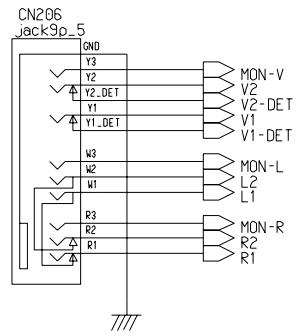
### 11-1-1 ANALOG



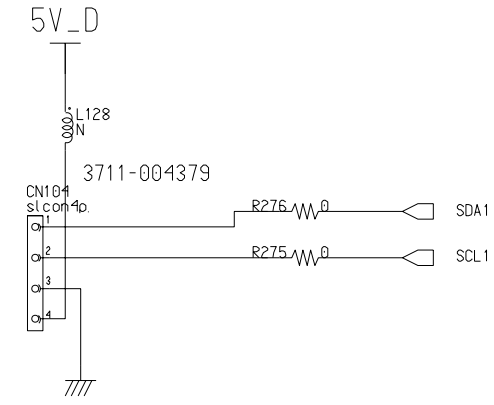
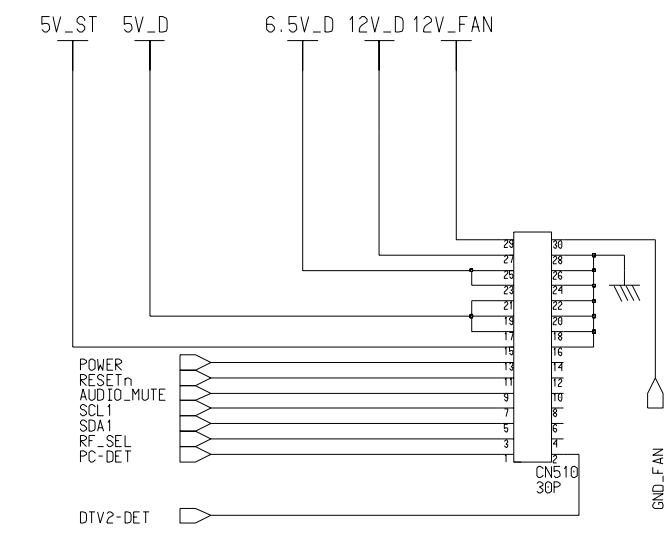
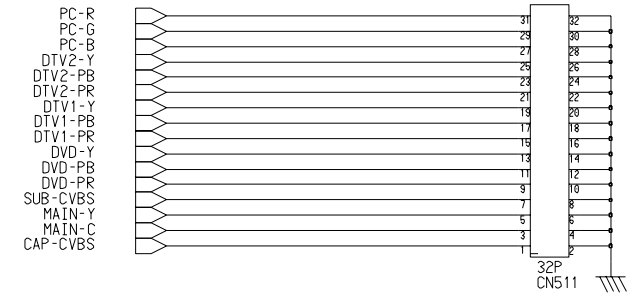
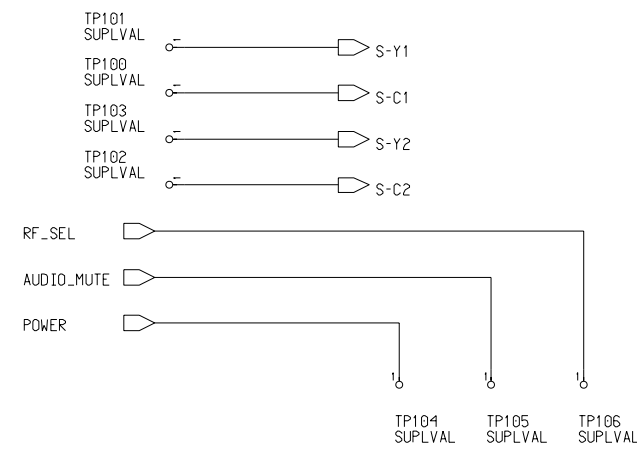
11-1-2 CONNECTOR



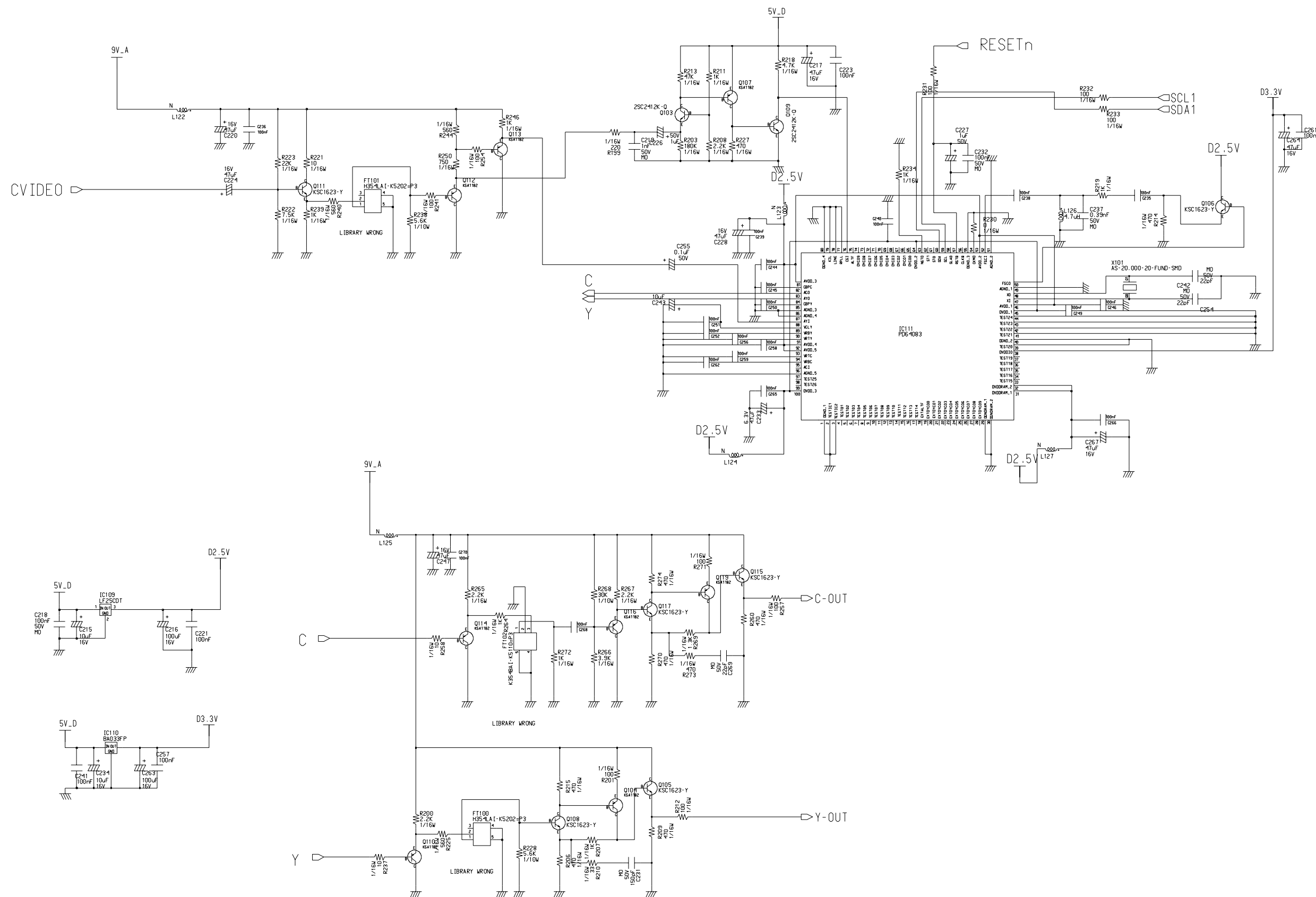
11-1-3 AV INPUT



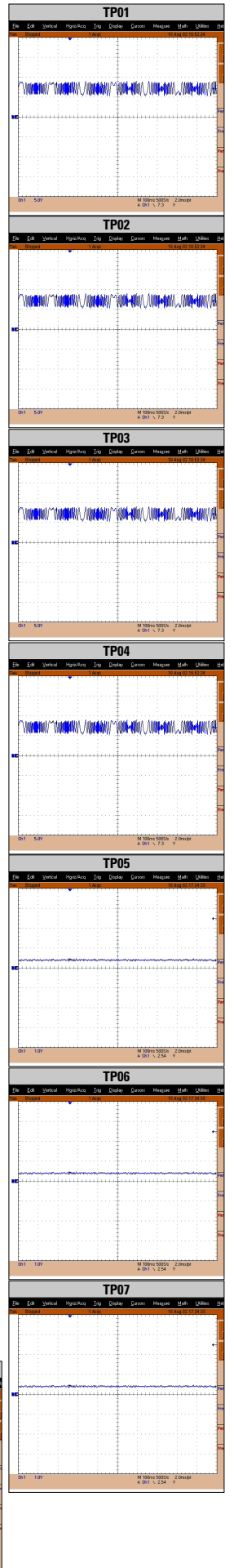
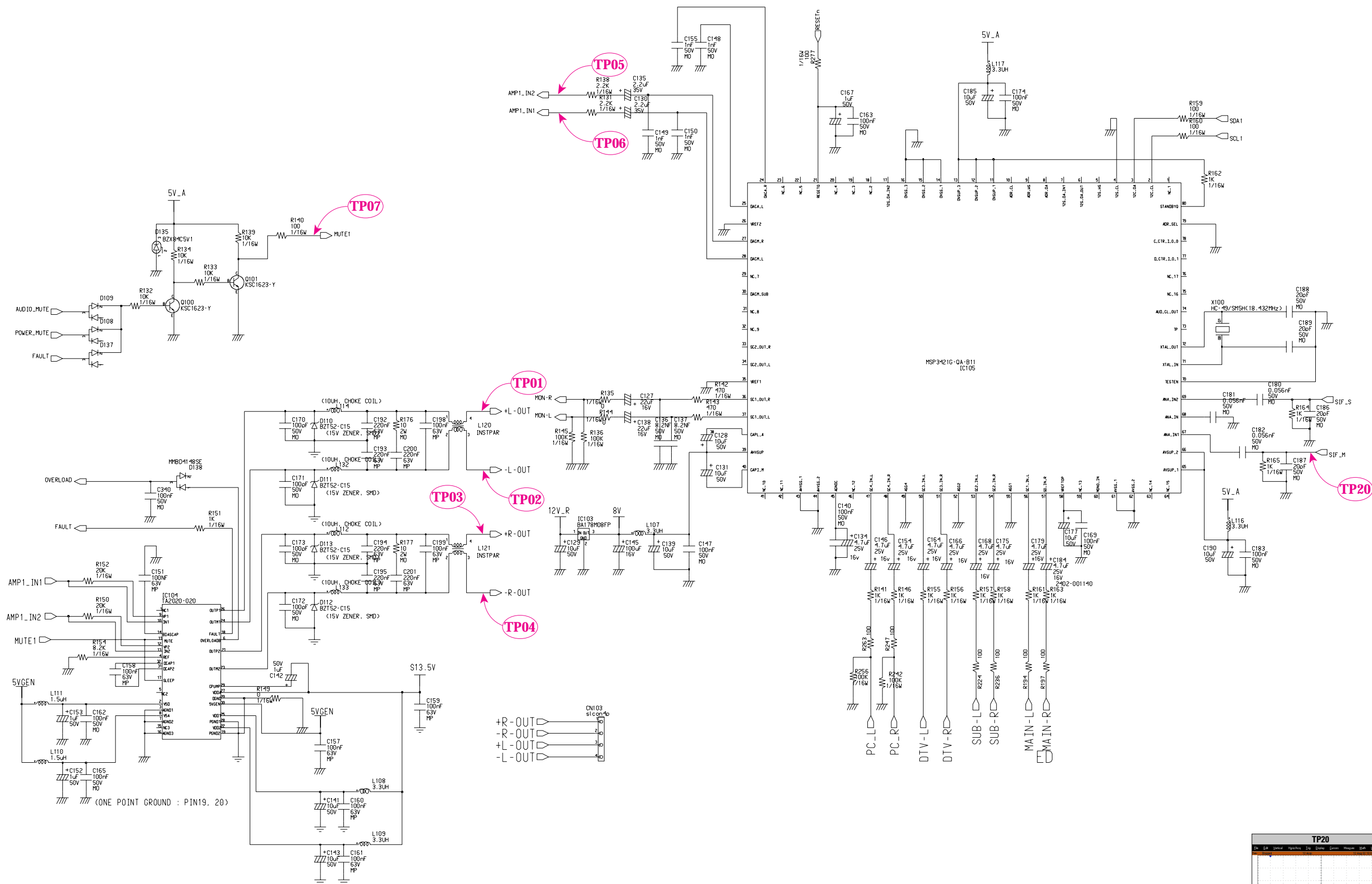
TESTPOINT



11-1-4 3D-COMB



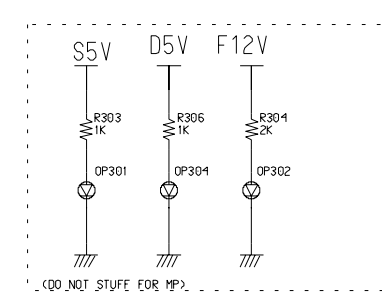
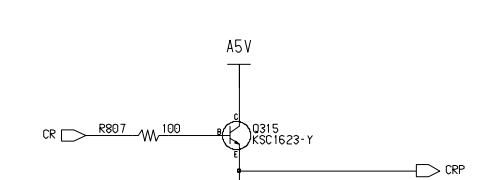
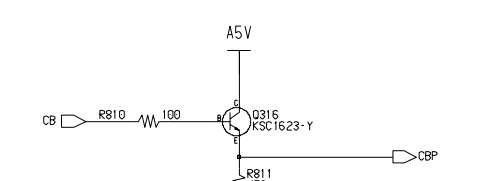
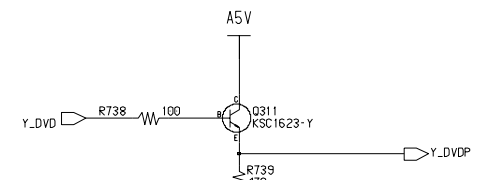
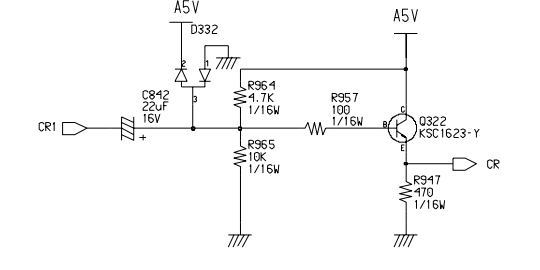
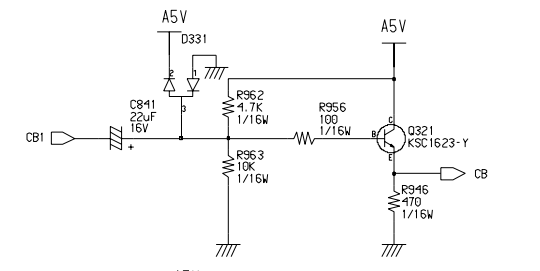
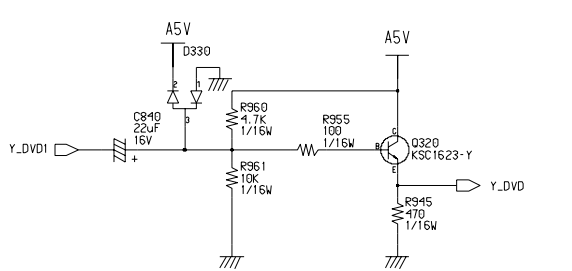
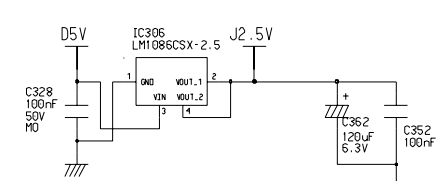
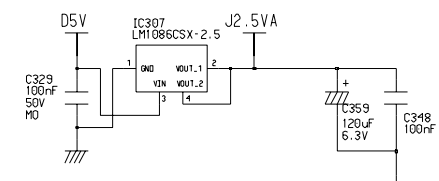
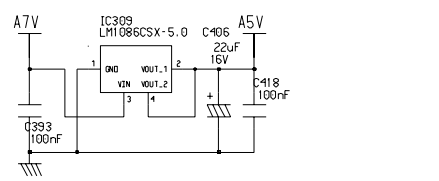
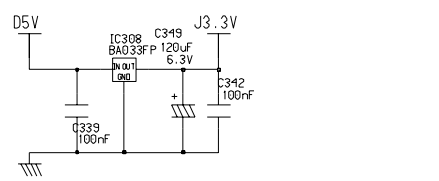
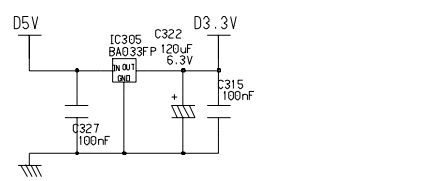
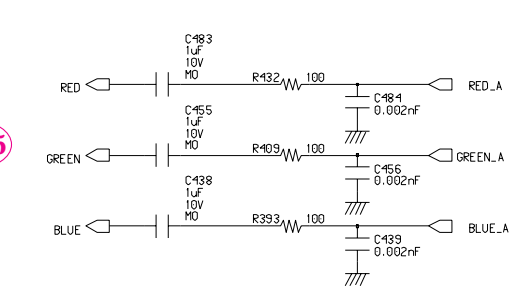
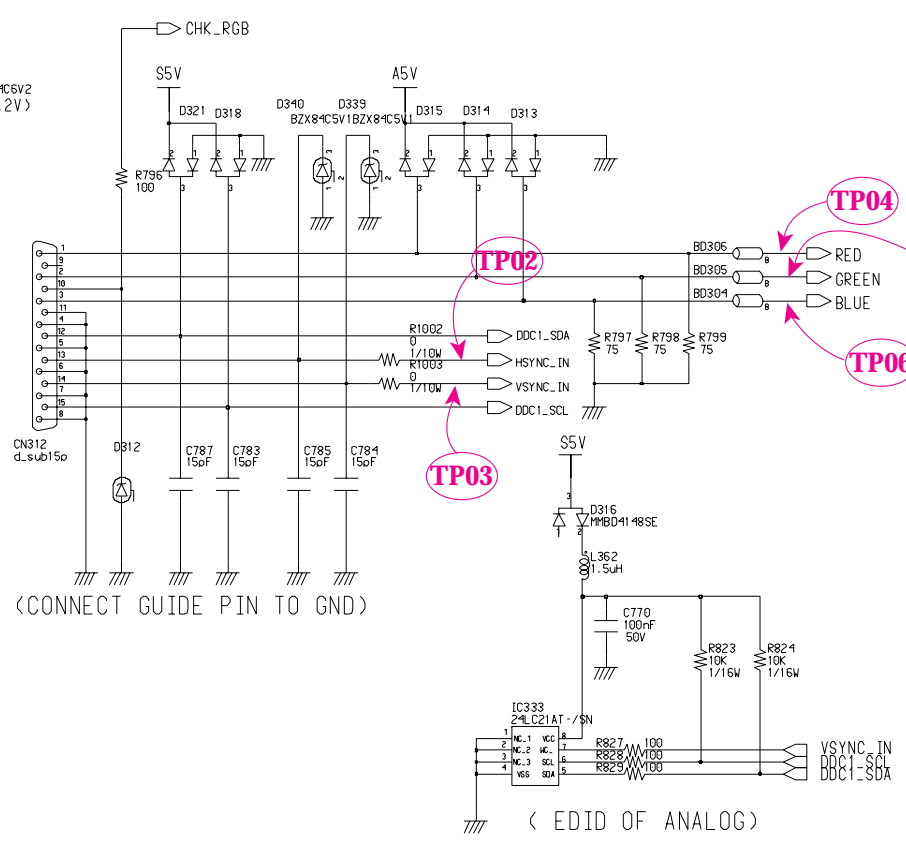
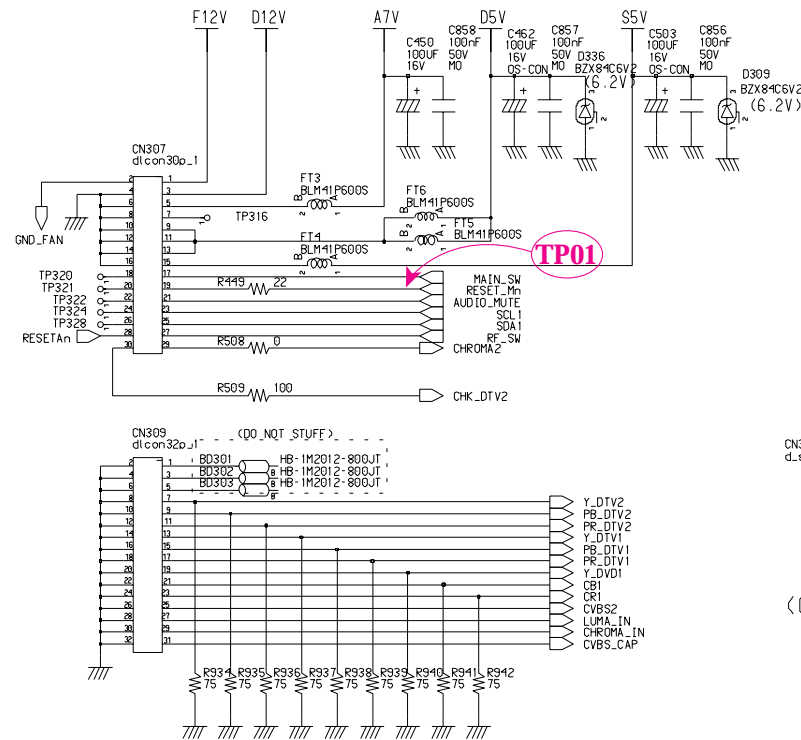
11-1-5 SOUND



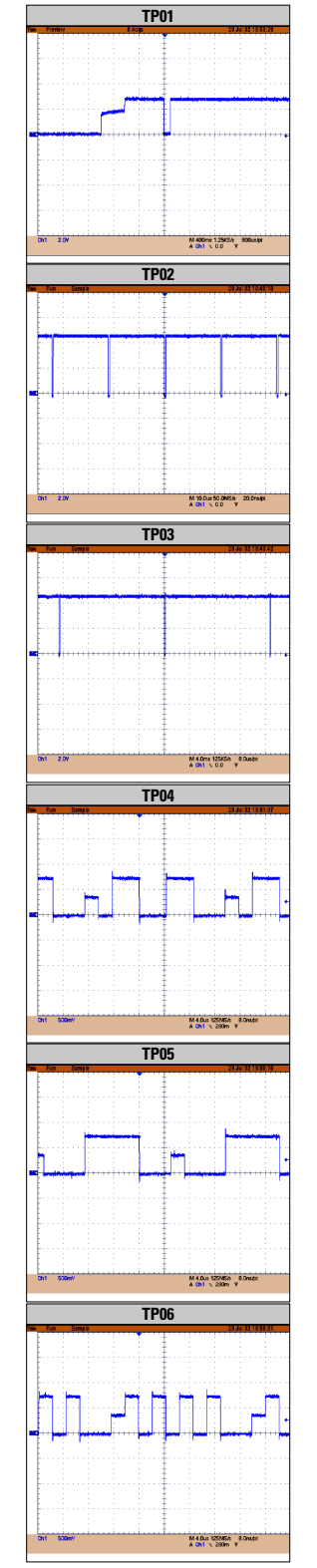
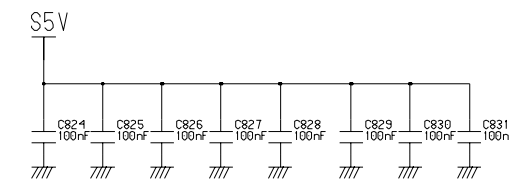
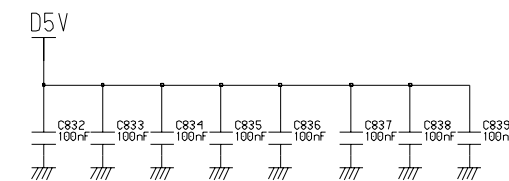
11-2 DIGITAL

11-2-1 DIGITAL

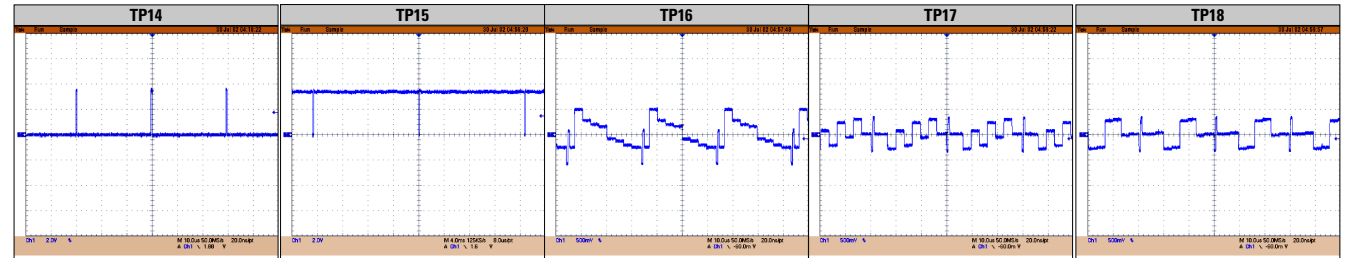
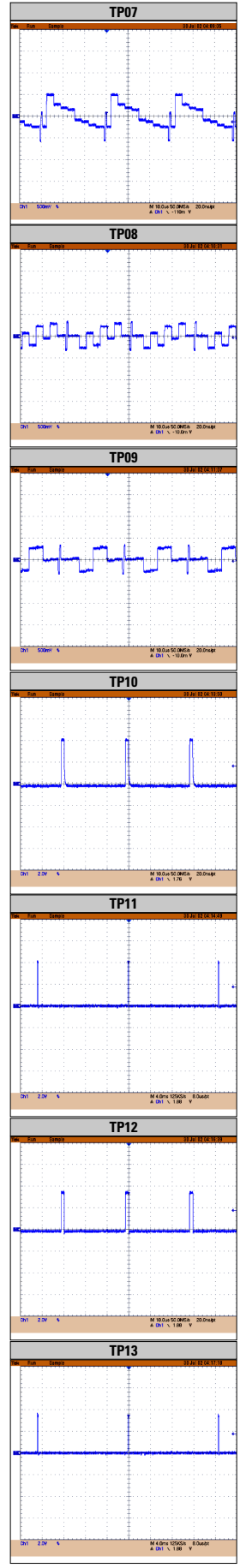
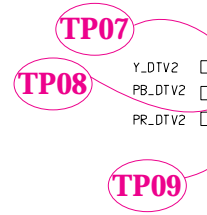
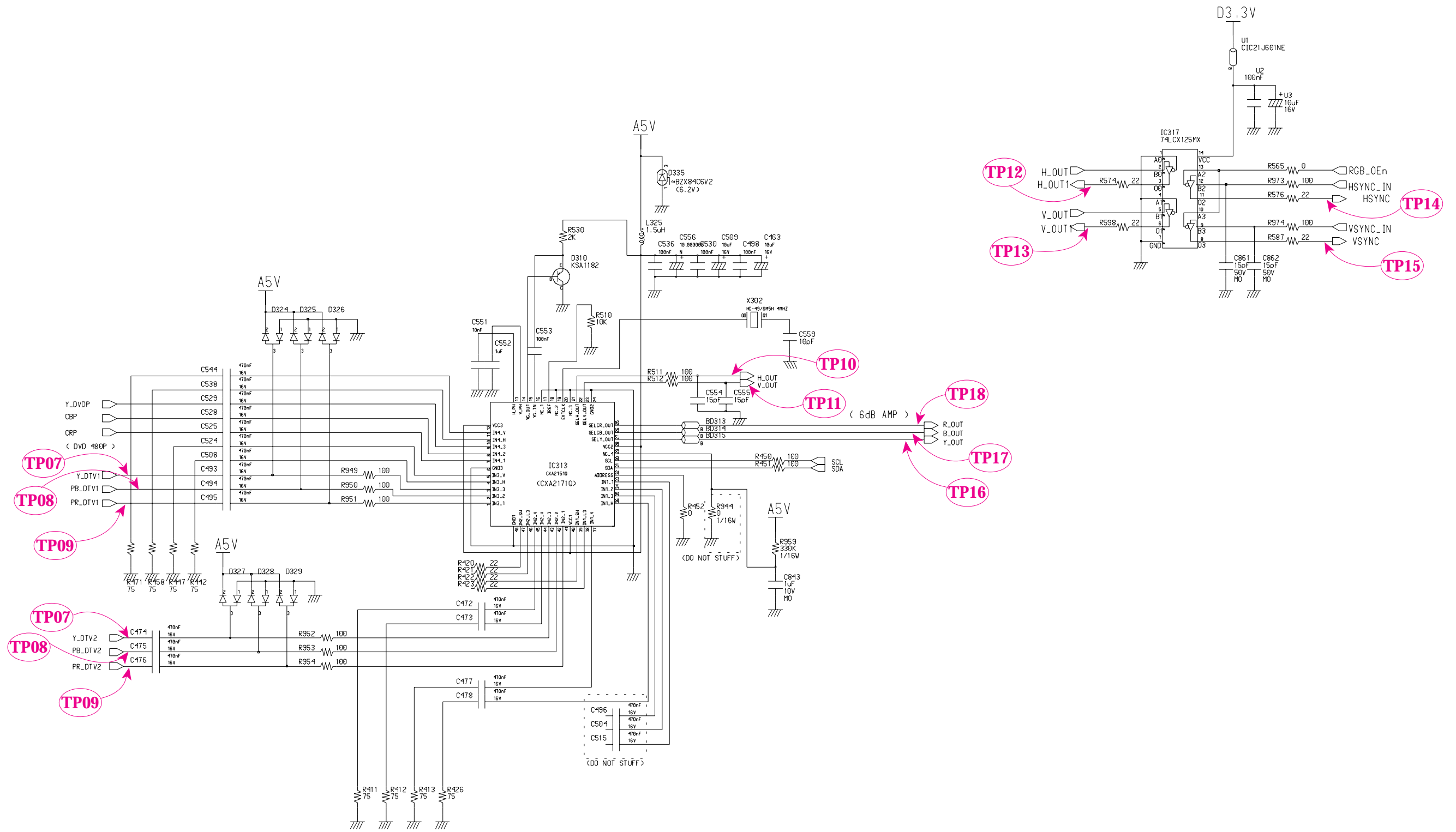
( SIGNAL FROM ANALOG BOARD )



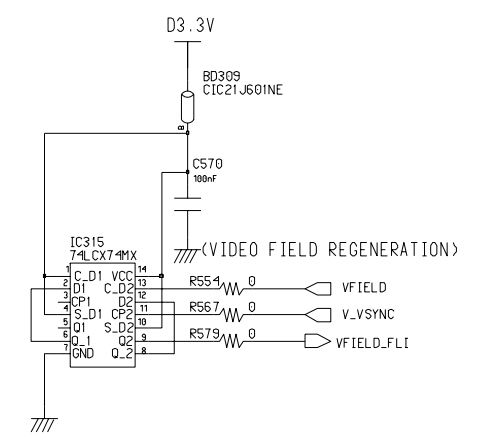
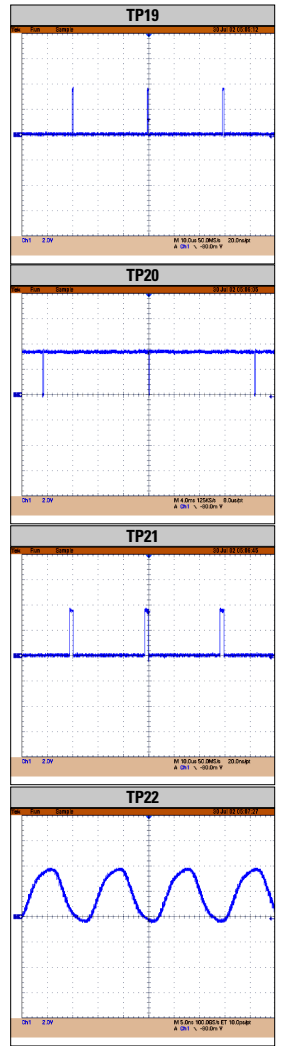
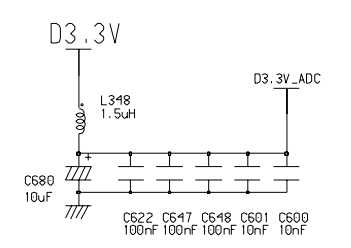
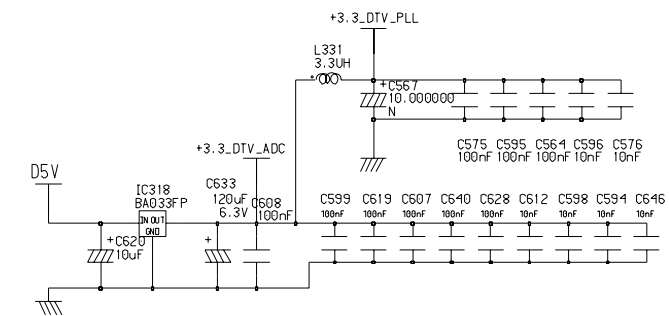
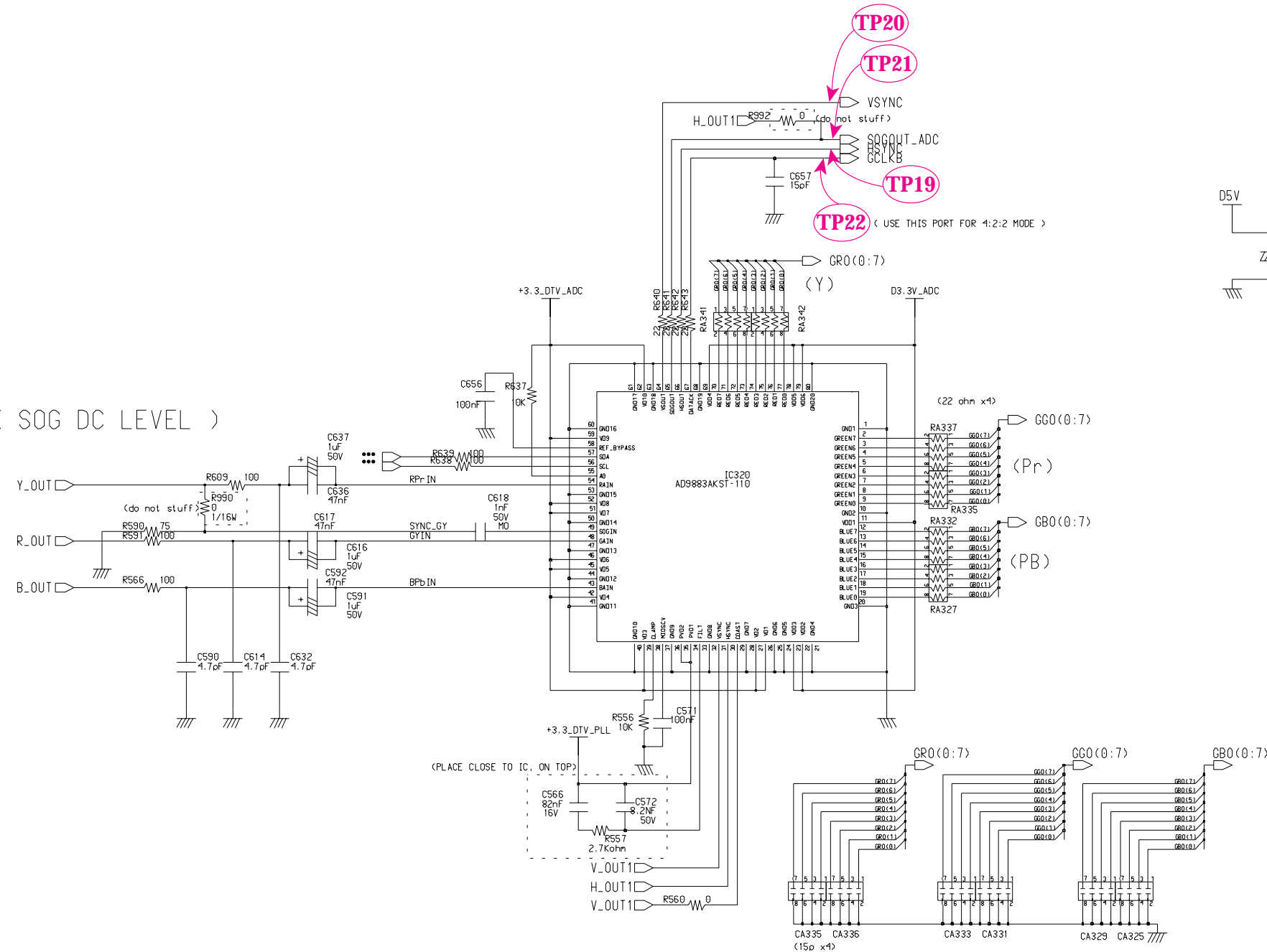
- ( D12V : DRIVER )
- ( F12V : FAN )
- ( A5V -> VPC1.5V, VPC2.5V )
- ( D5V -> A3.3V, D3.3V, J3.3V, F3.3V, J2.5V, J2.5VA )
- ( F3.3V : POWER FOR TMS INPUT AND OUTPUT )
- ( D5V : DRIVER )
- ( D3.3V : DIGITAL IC, MN82860, VPC1, VPC2 )
- ( S5V : STANDBY POWER )



11-2-2 DTMUX

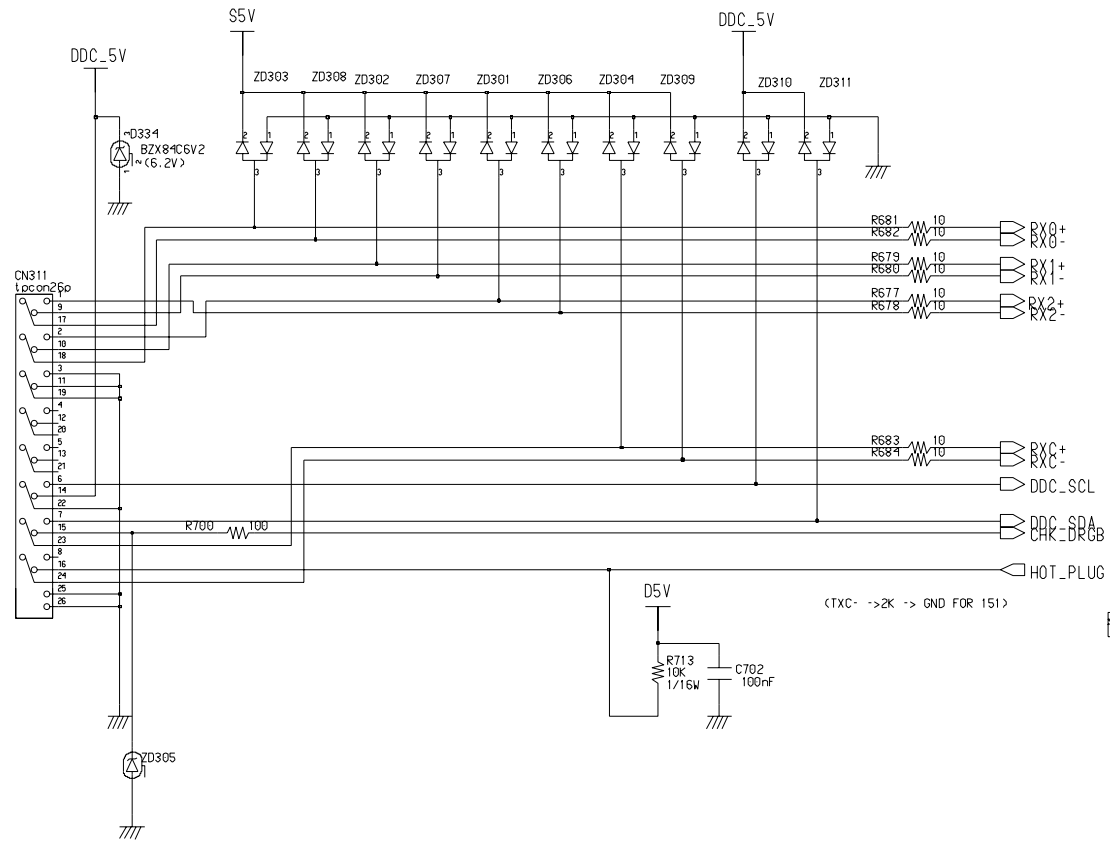


( CHECK SOG DC LEVEL )

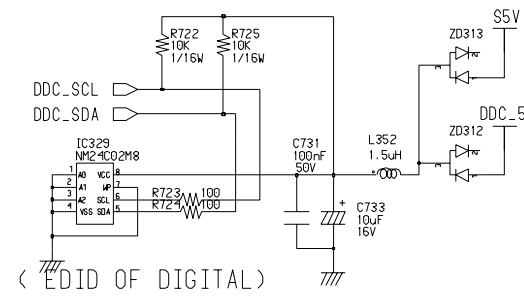




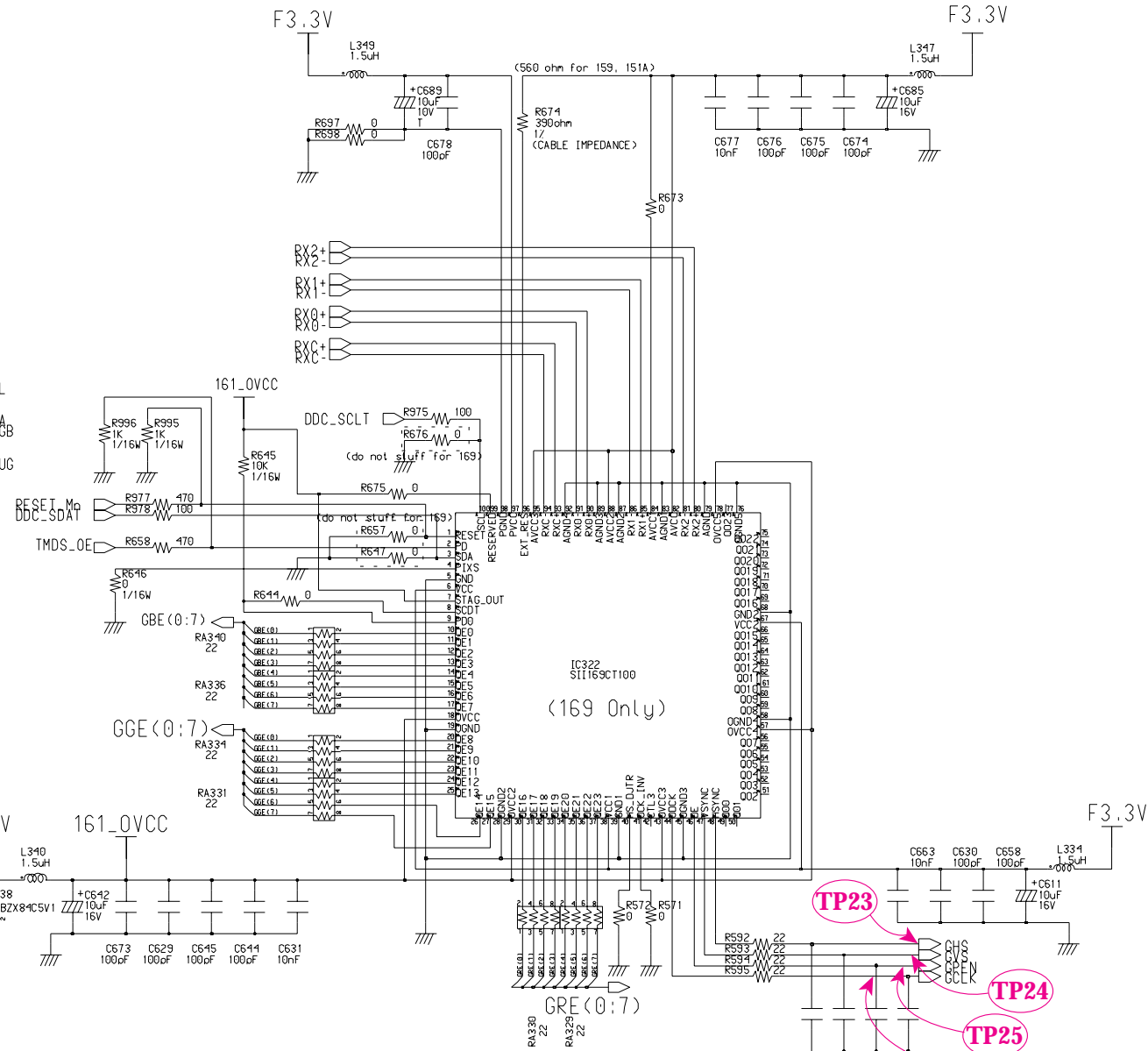
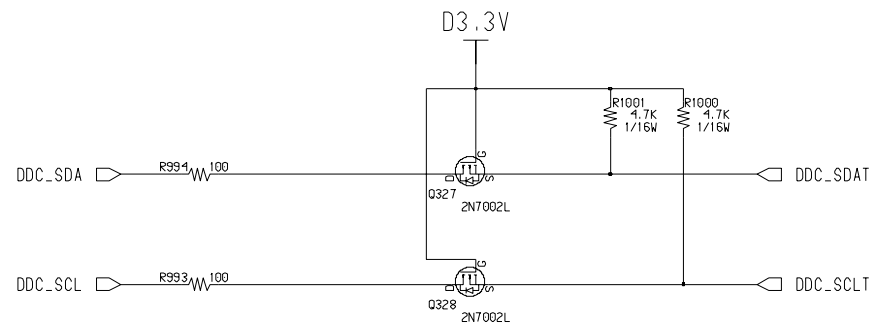
11-2-4 SIL169



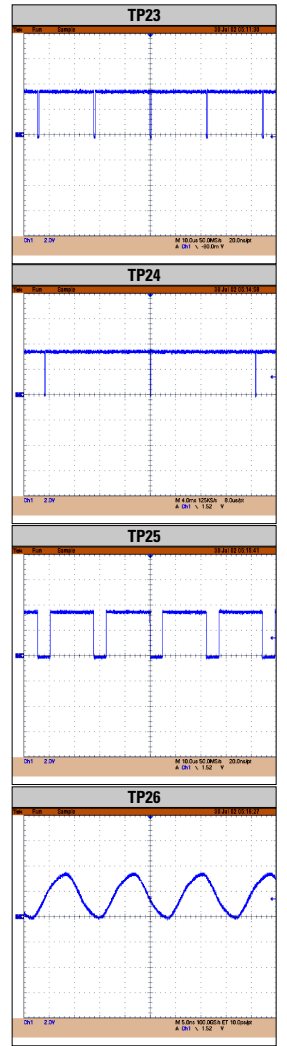
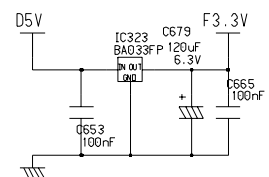
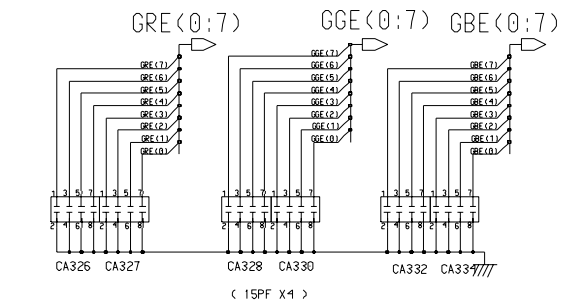
(DVI-D VERTICAL)



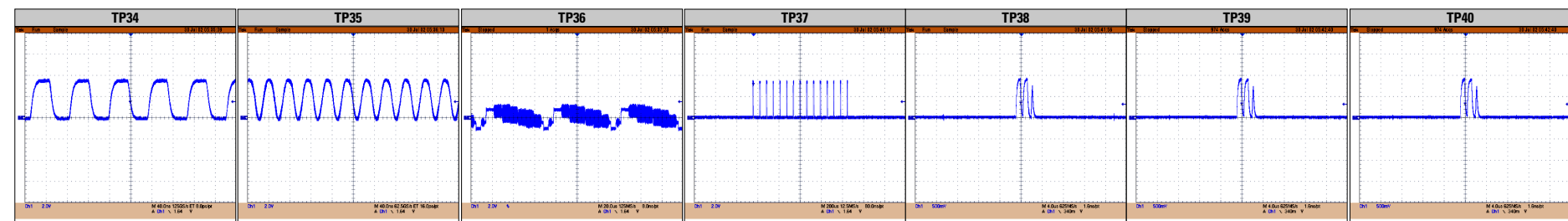
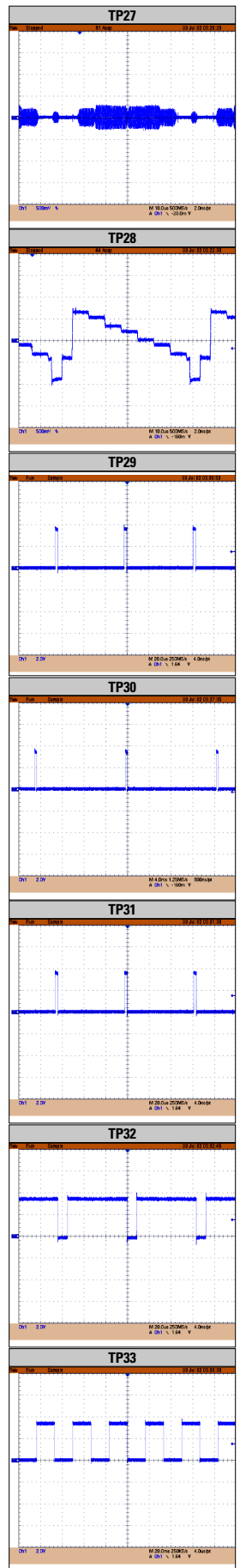
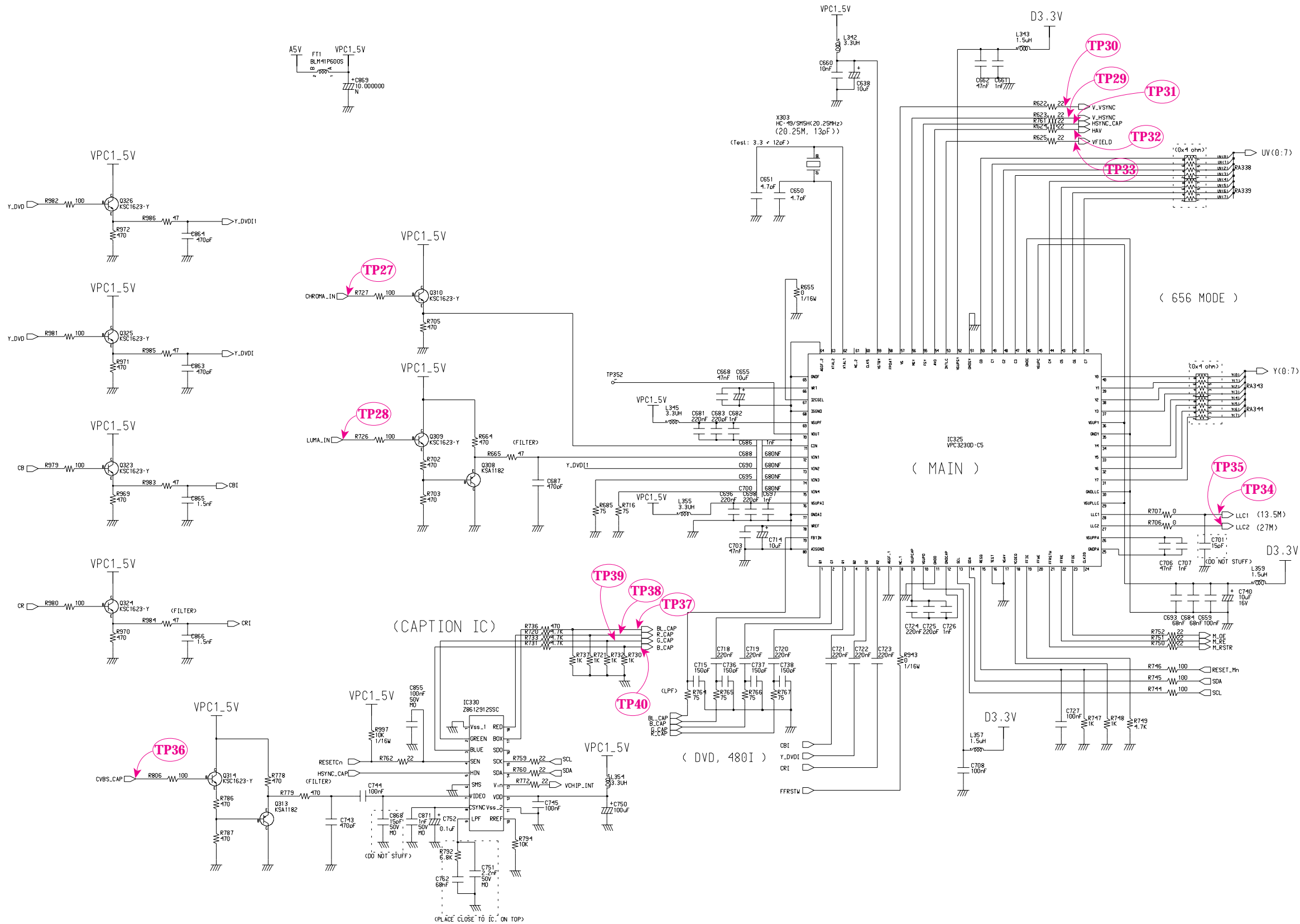
( EDID OF DIGITAL )



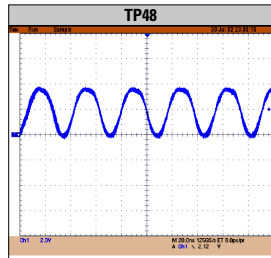
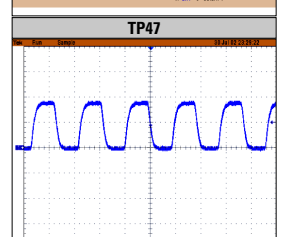
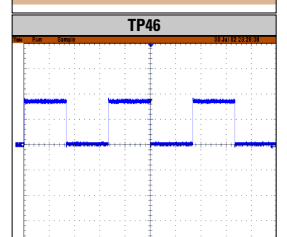
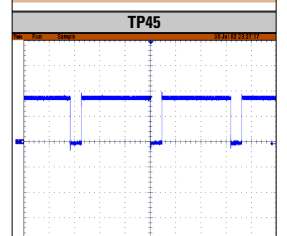
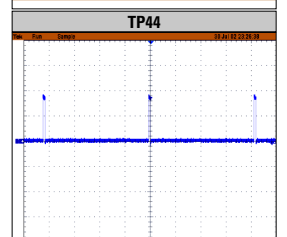
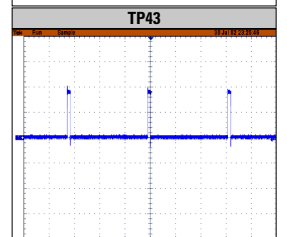
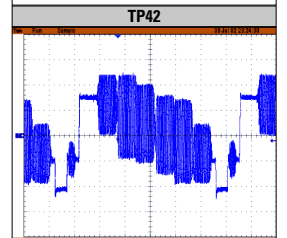
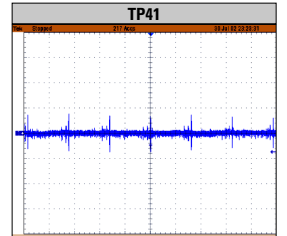
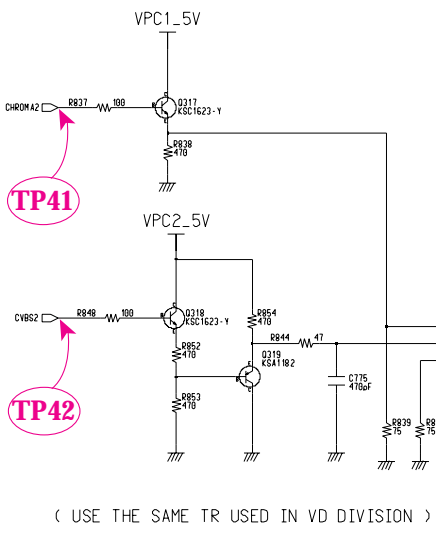
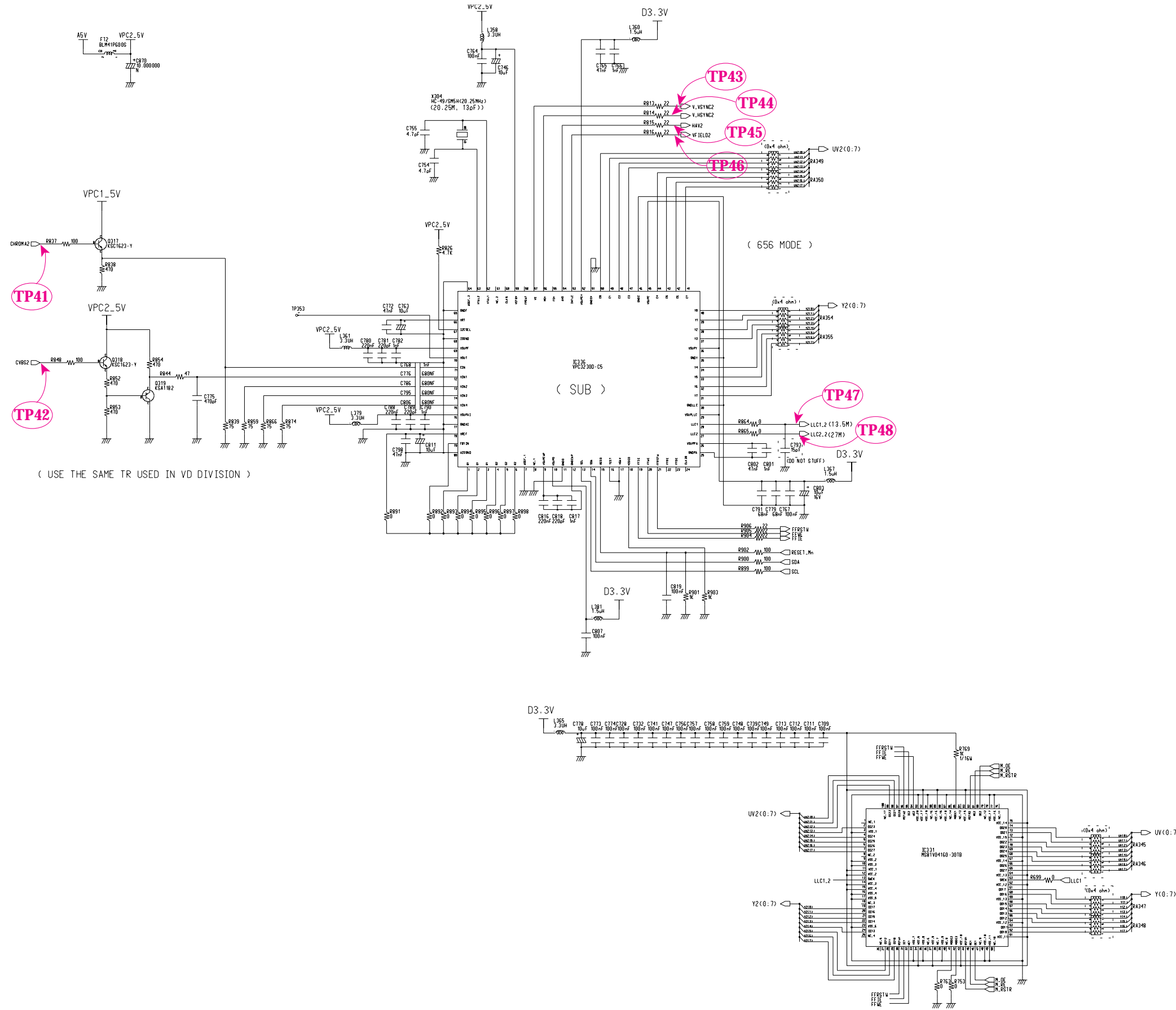
( SINGLE-ENDED OUTPUT FOR 720P MODEL )

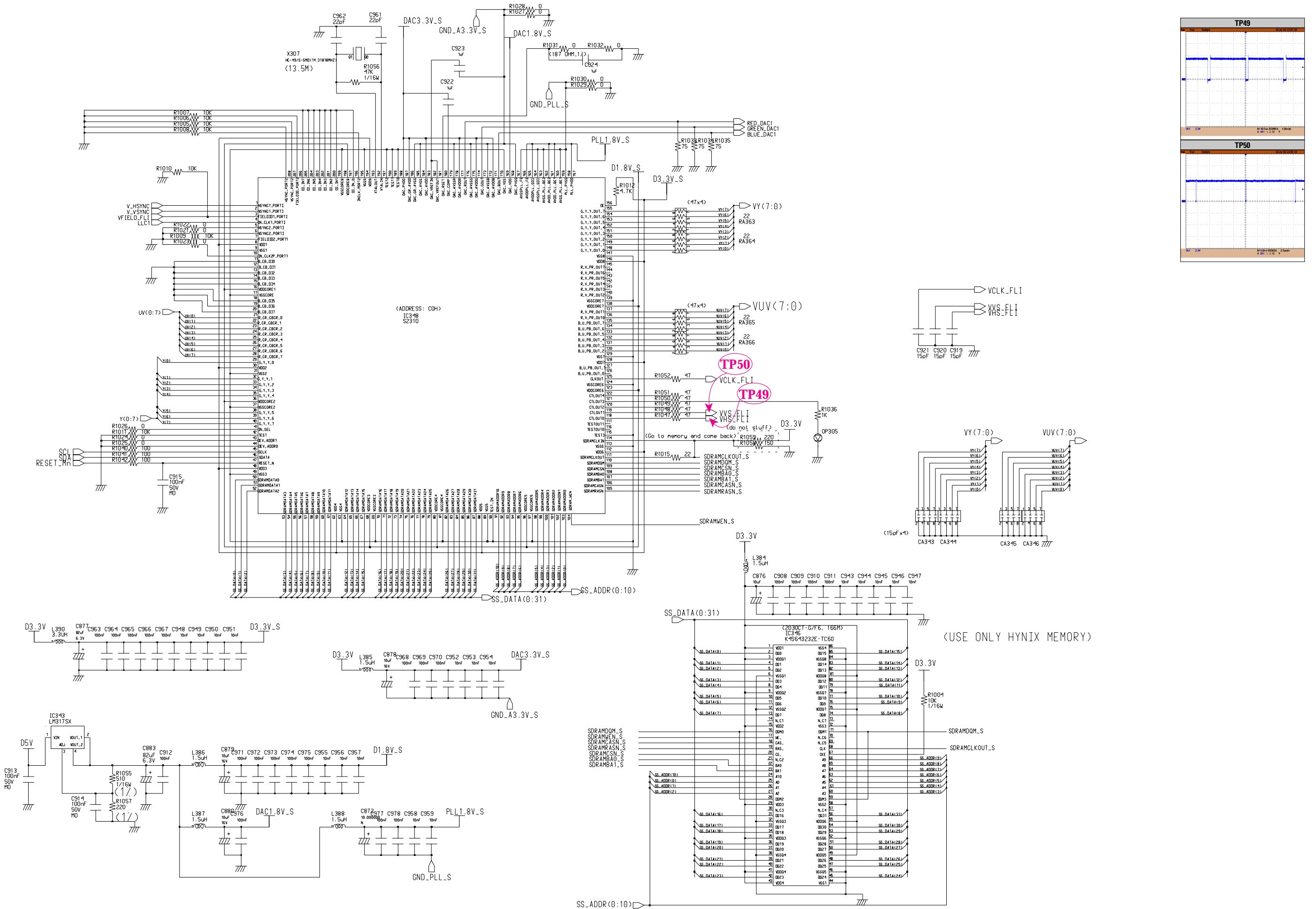


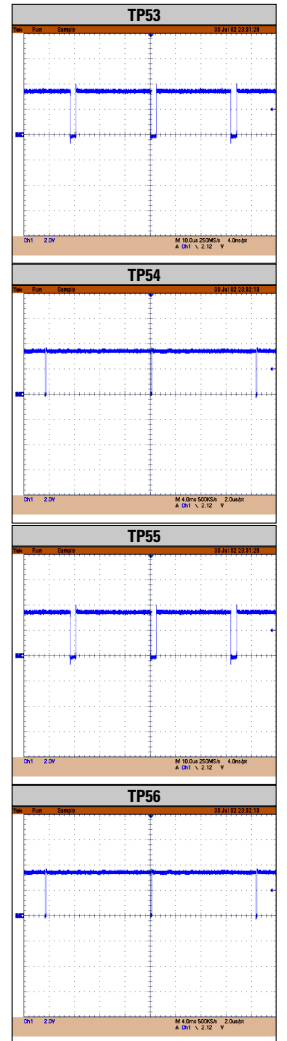
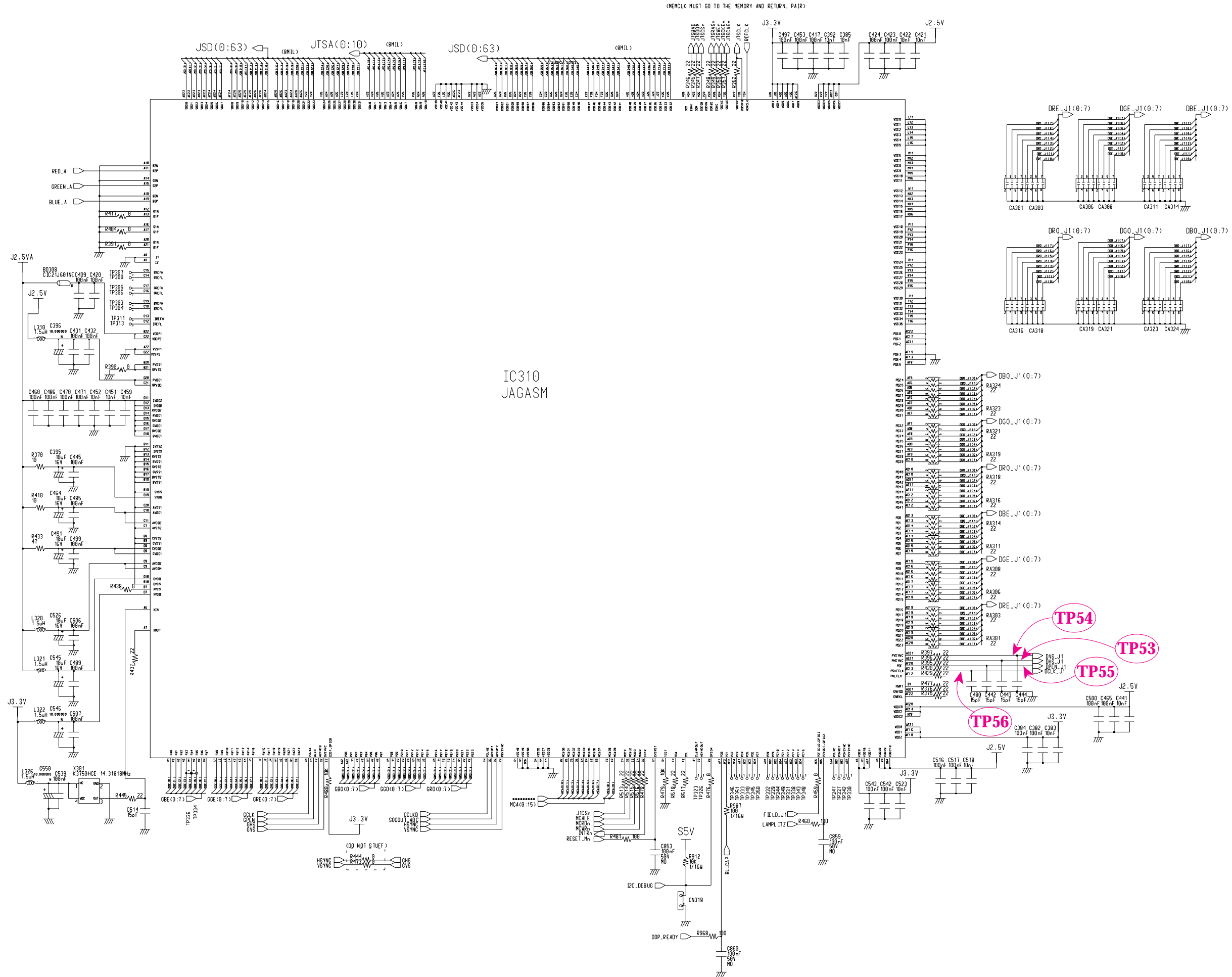
11-2-5 VPC3230



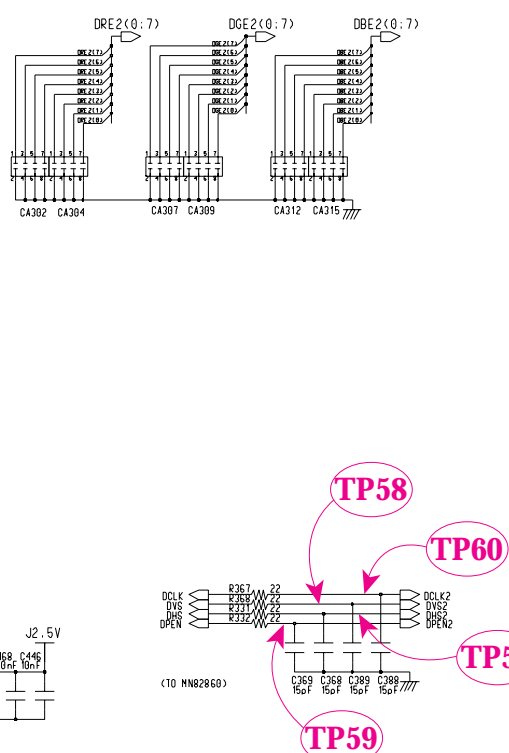
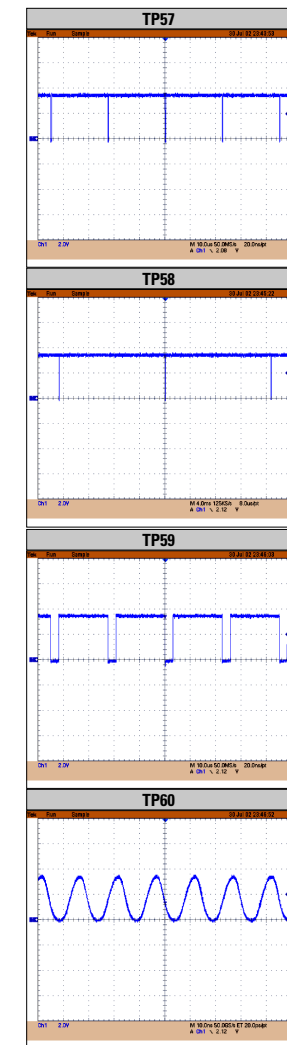
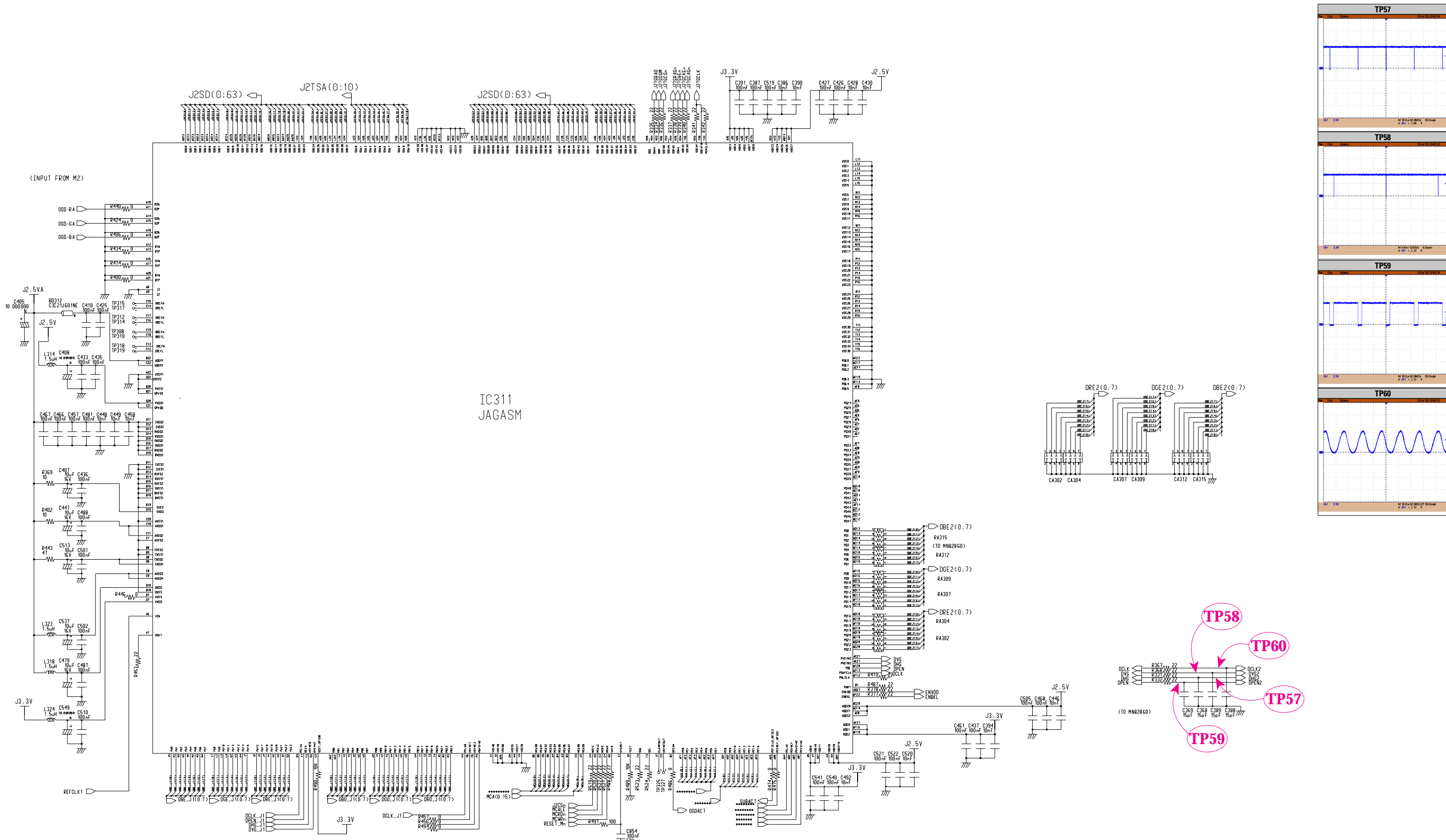
11-2-6 VPC2



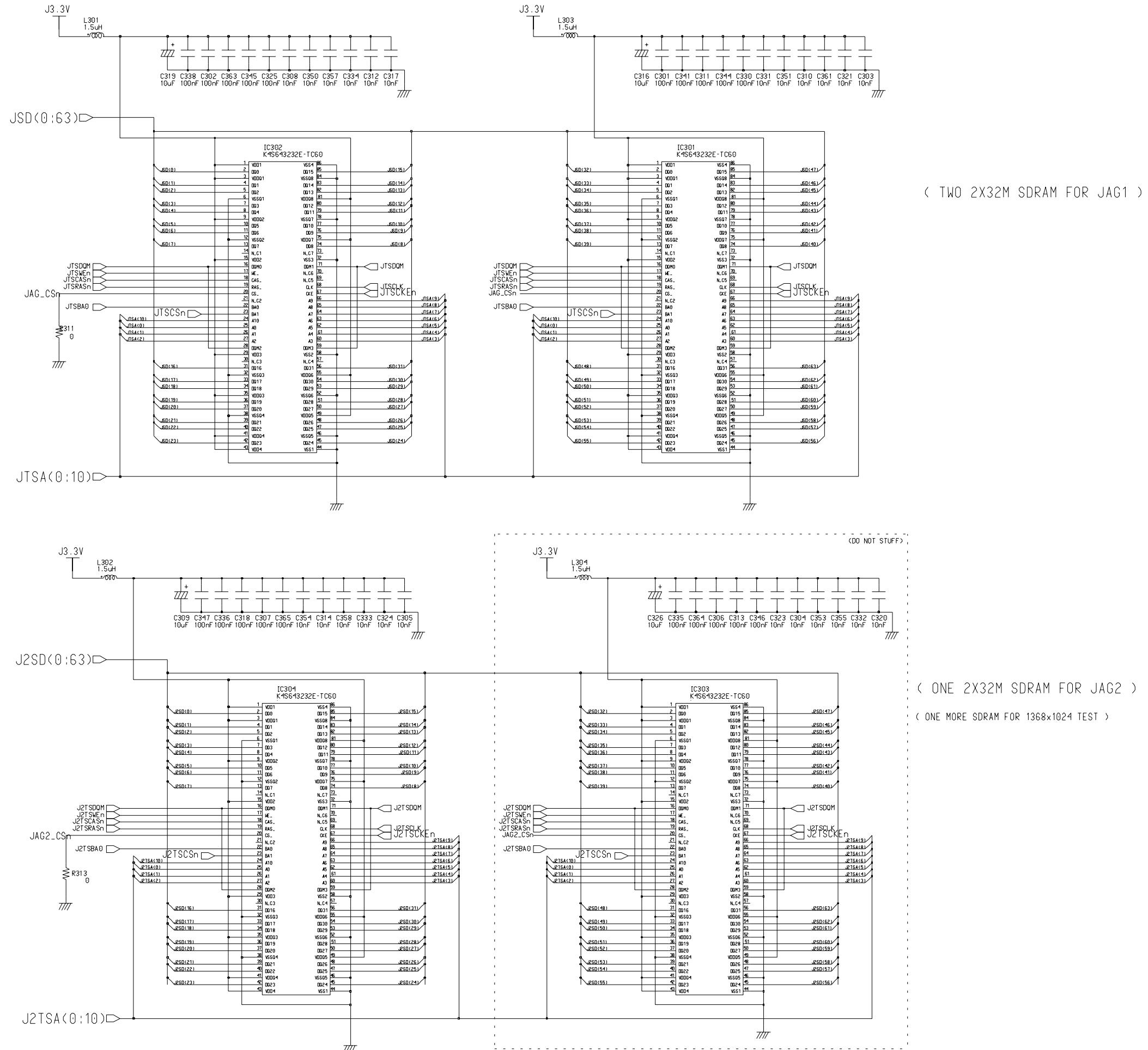




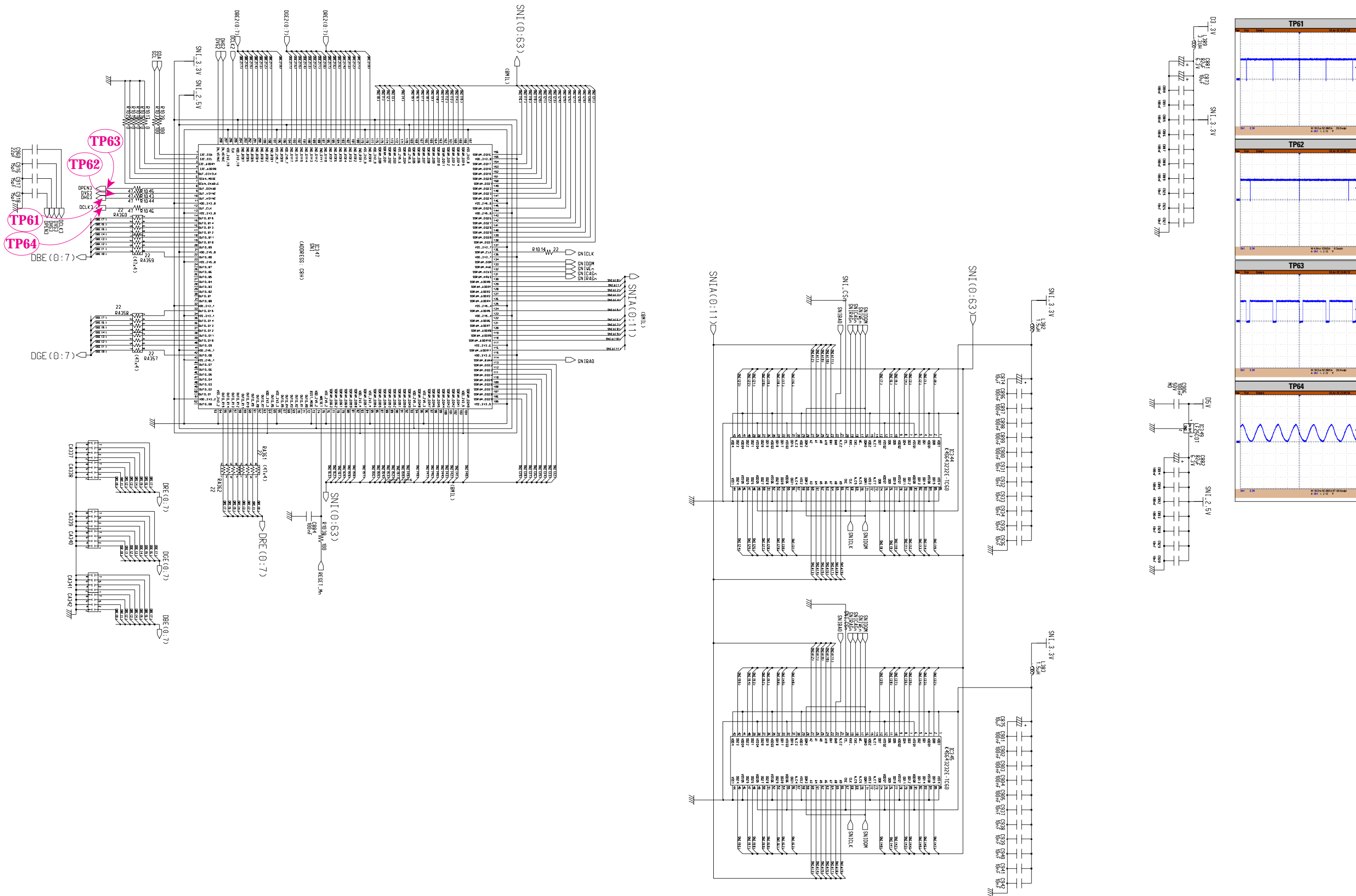
# 11-2-9 JAG2



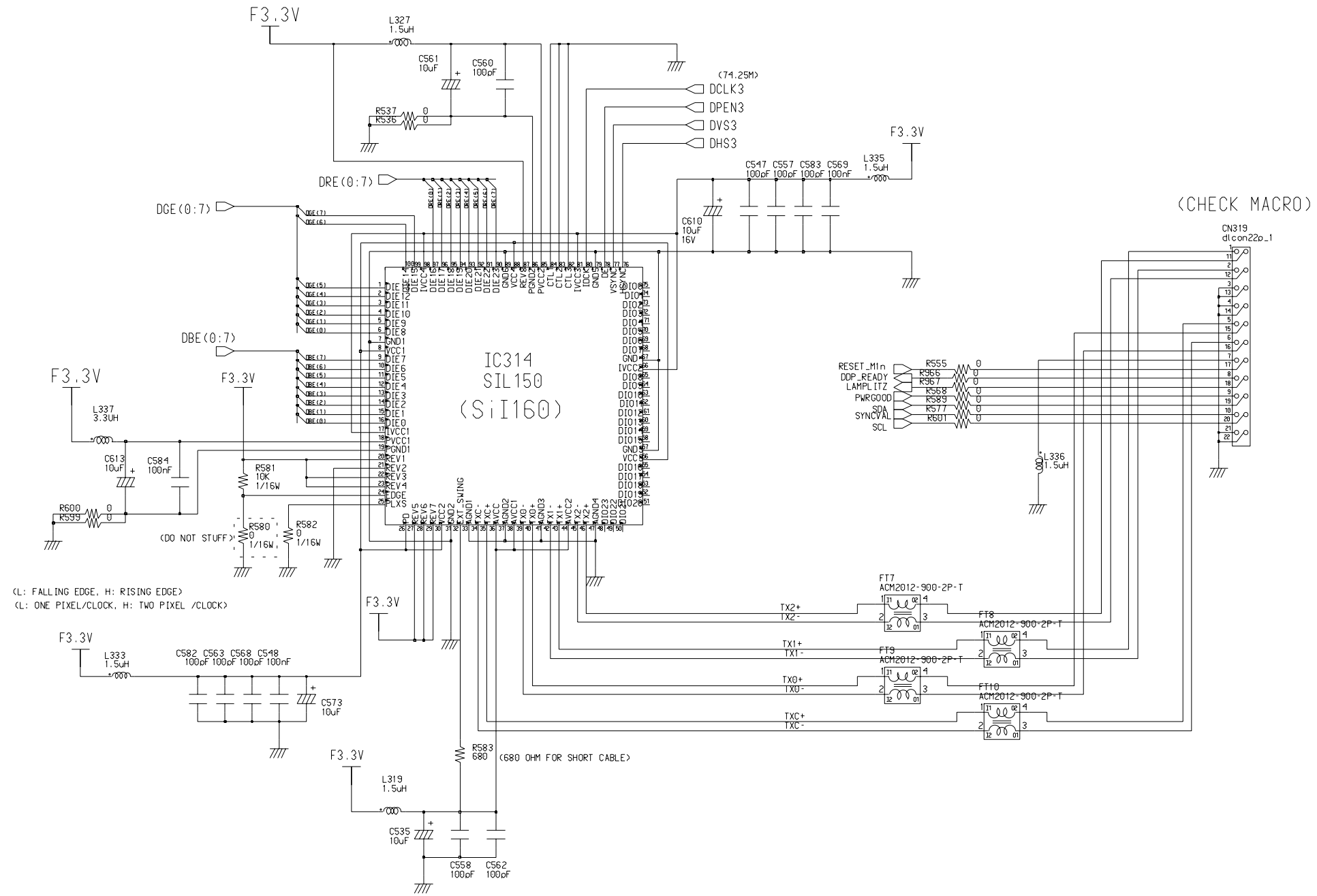
11-2-10 SDRAM



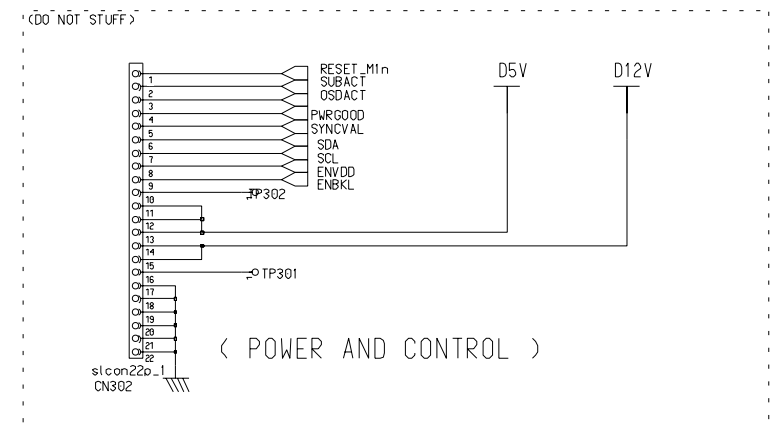
11-2-11 SNI

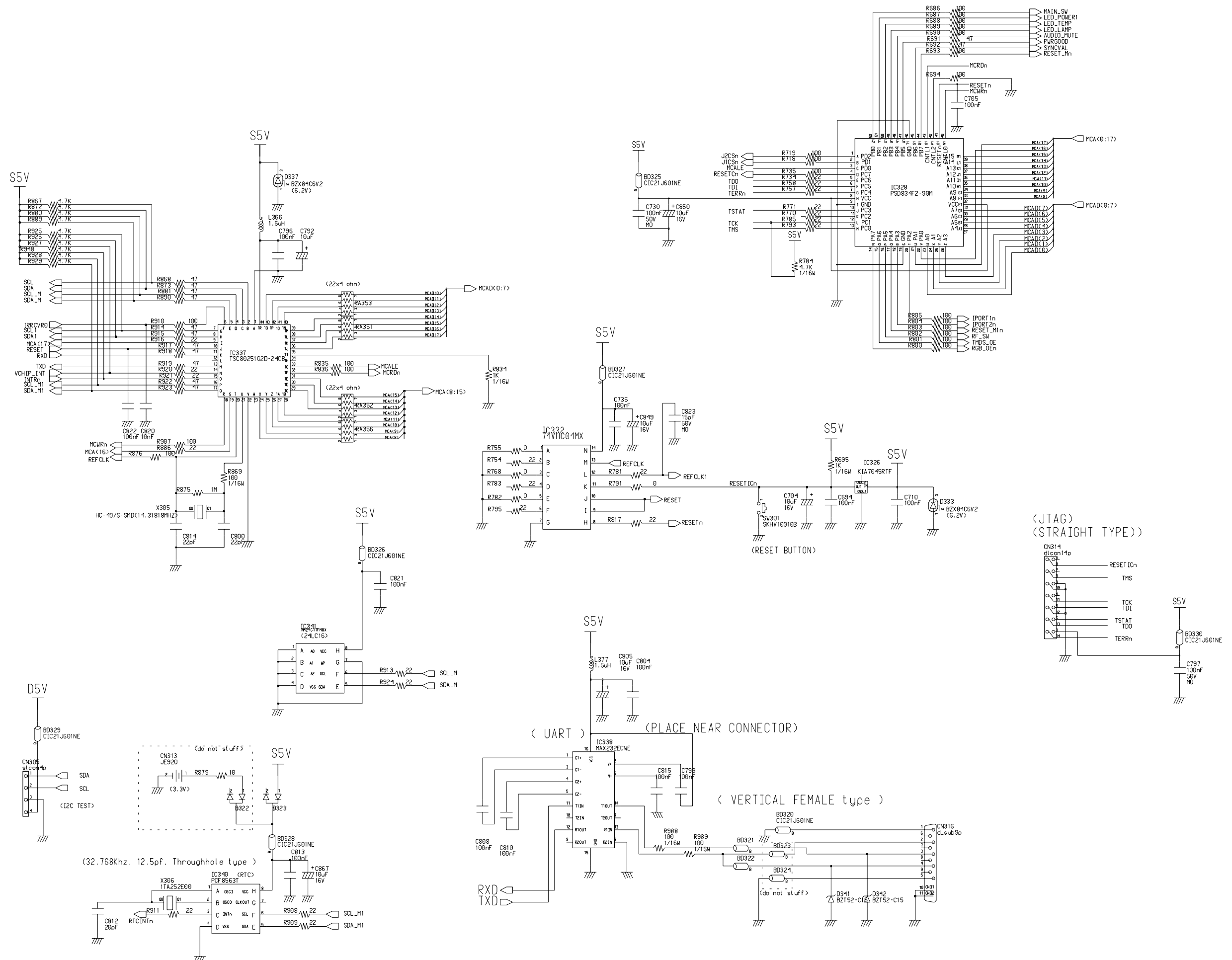




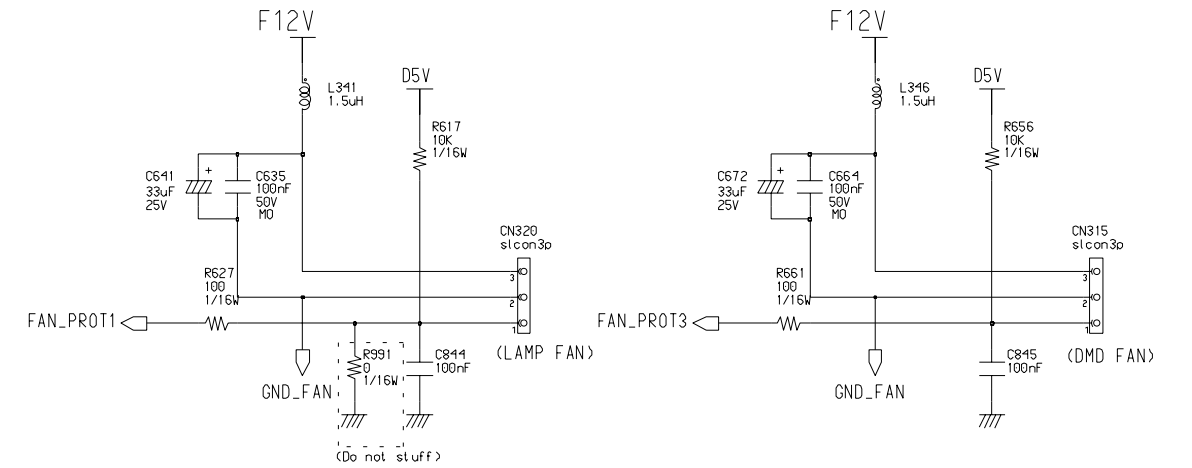
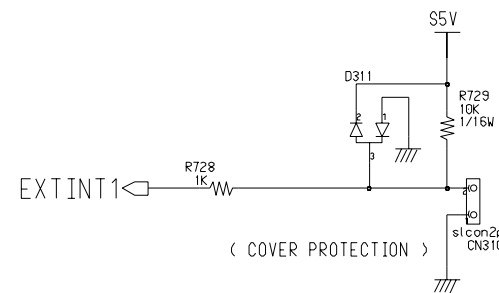
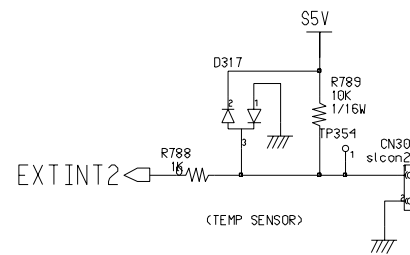
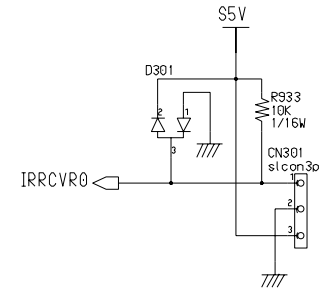
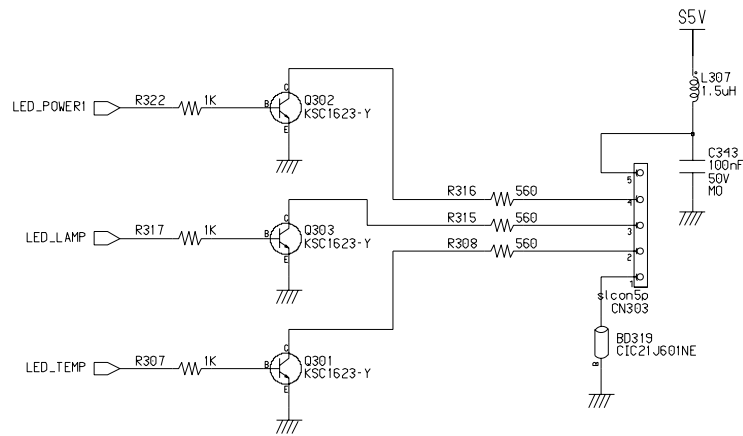
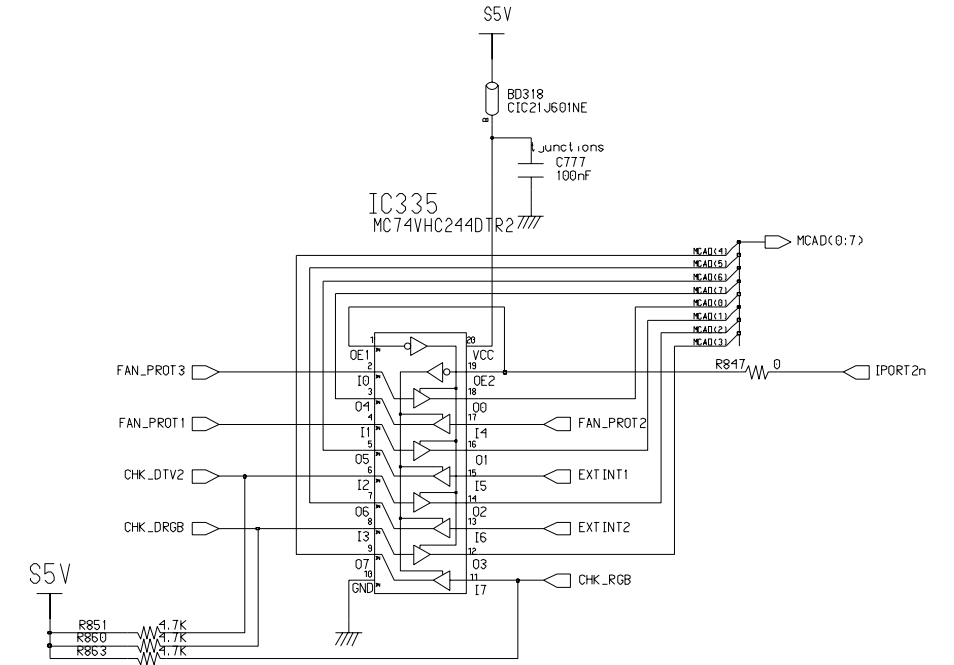
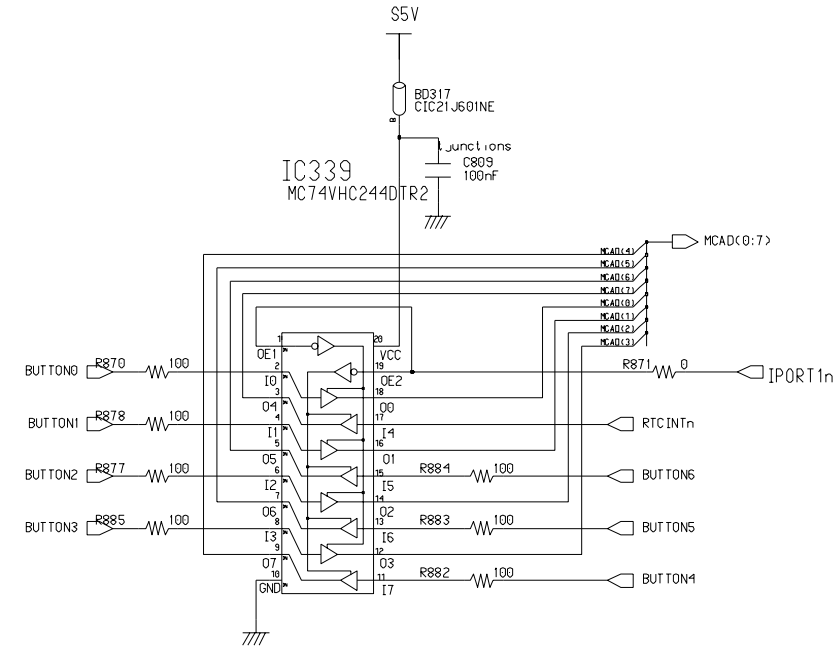
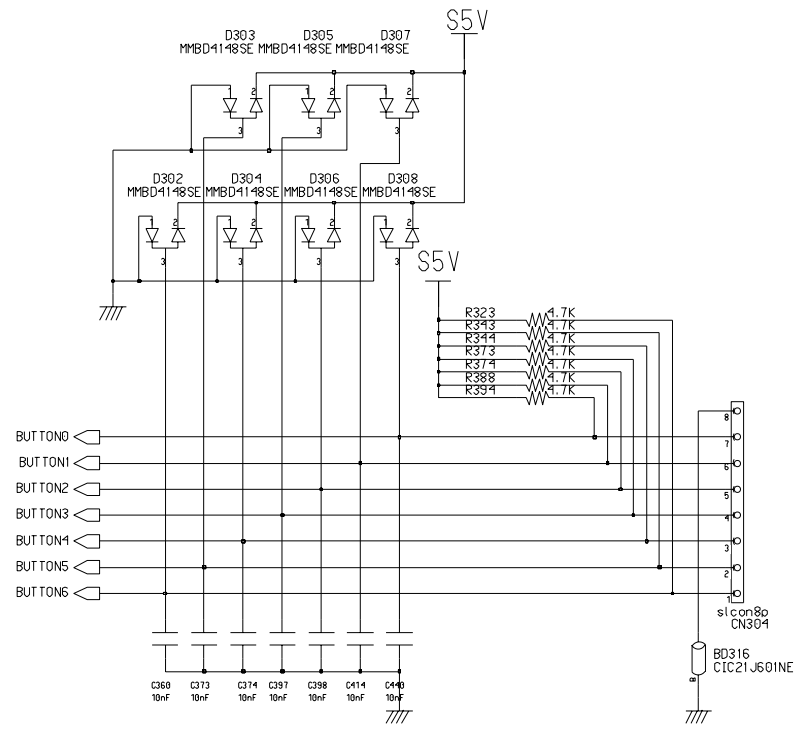


CL: FALLING EDGE, H: RISING EDGE  
 CL: ONE PIXEL/CLOCK, H: TWO PIXEL /CLOCK





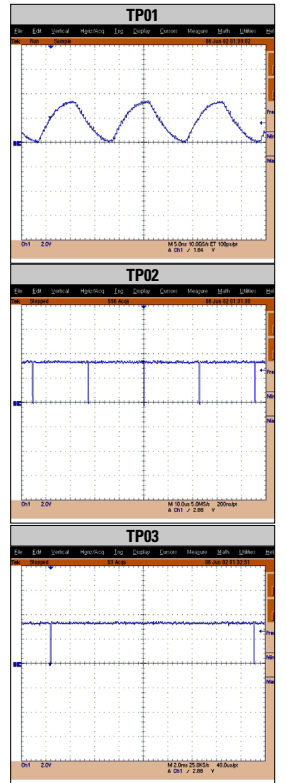
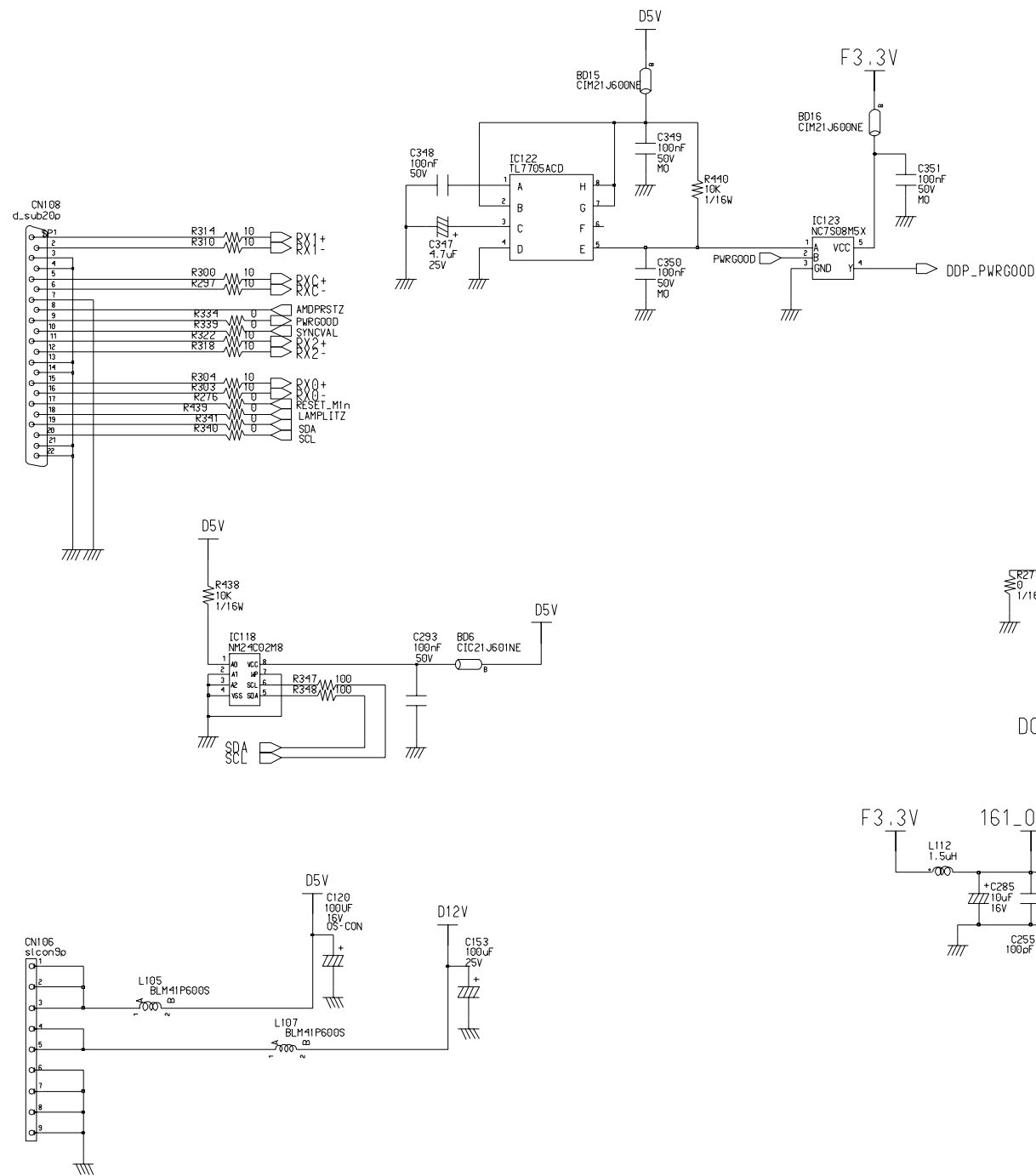
11-2-14 KEYPAD



11-3 DMD

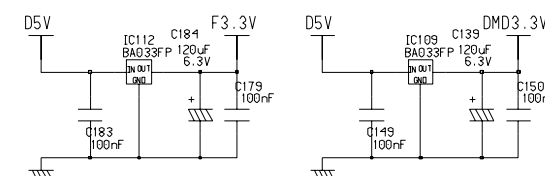
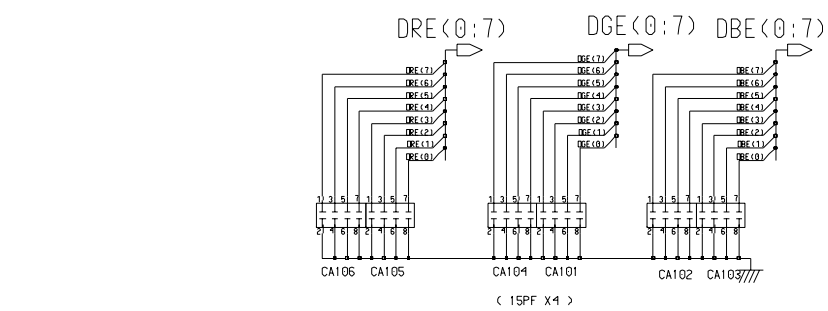
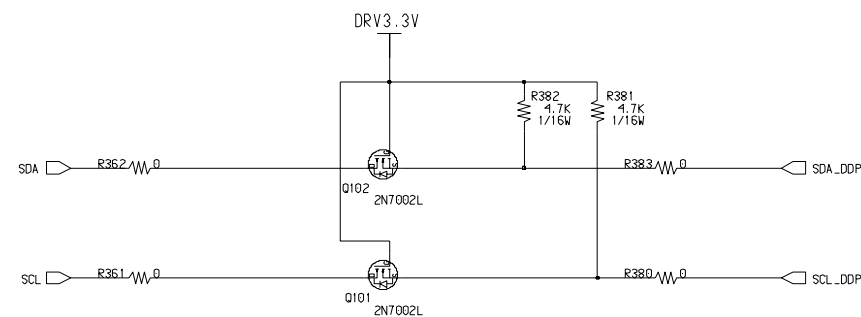
11-3-1 SIL161

(ALL CLOCK MUST HAVE 50 OHM IMPEDANCE)

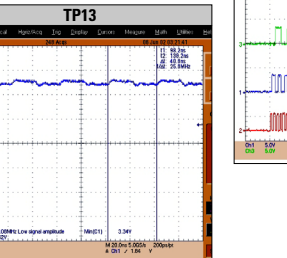
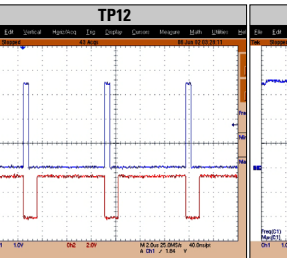
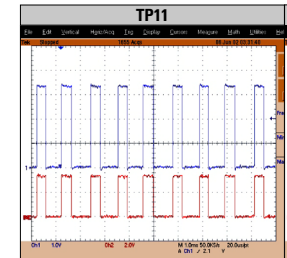
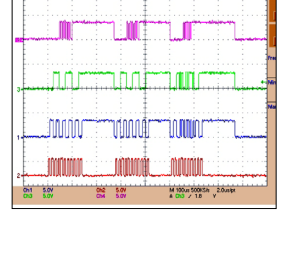
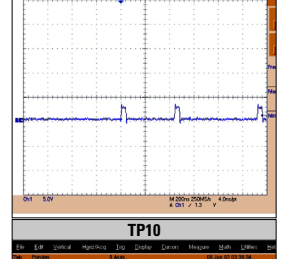
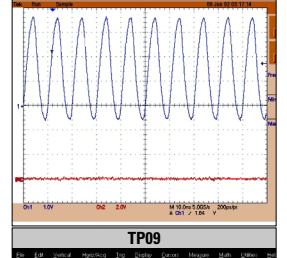
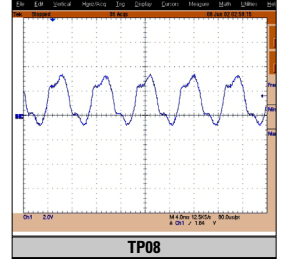
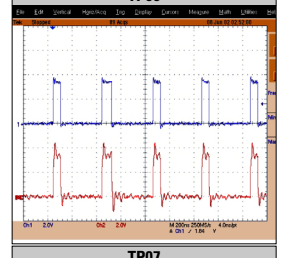
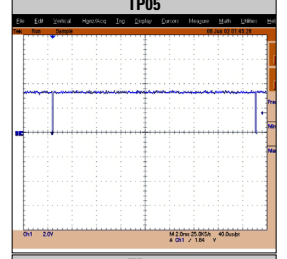
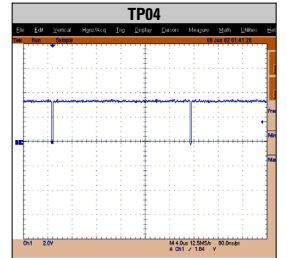
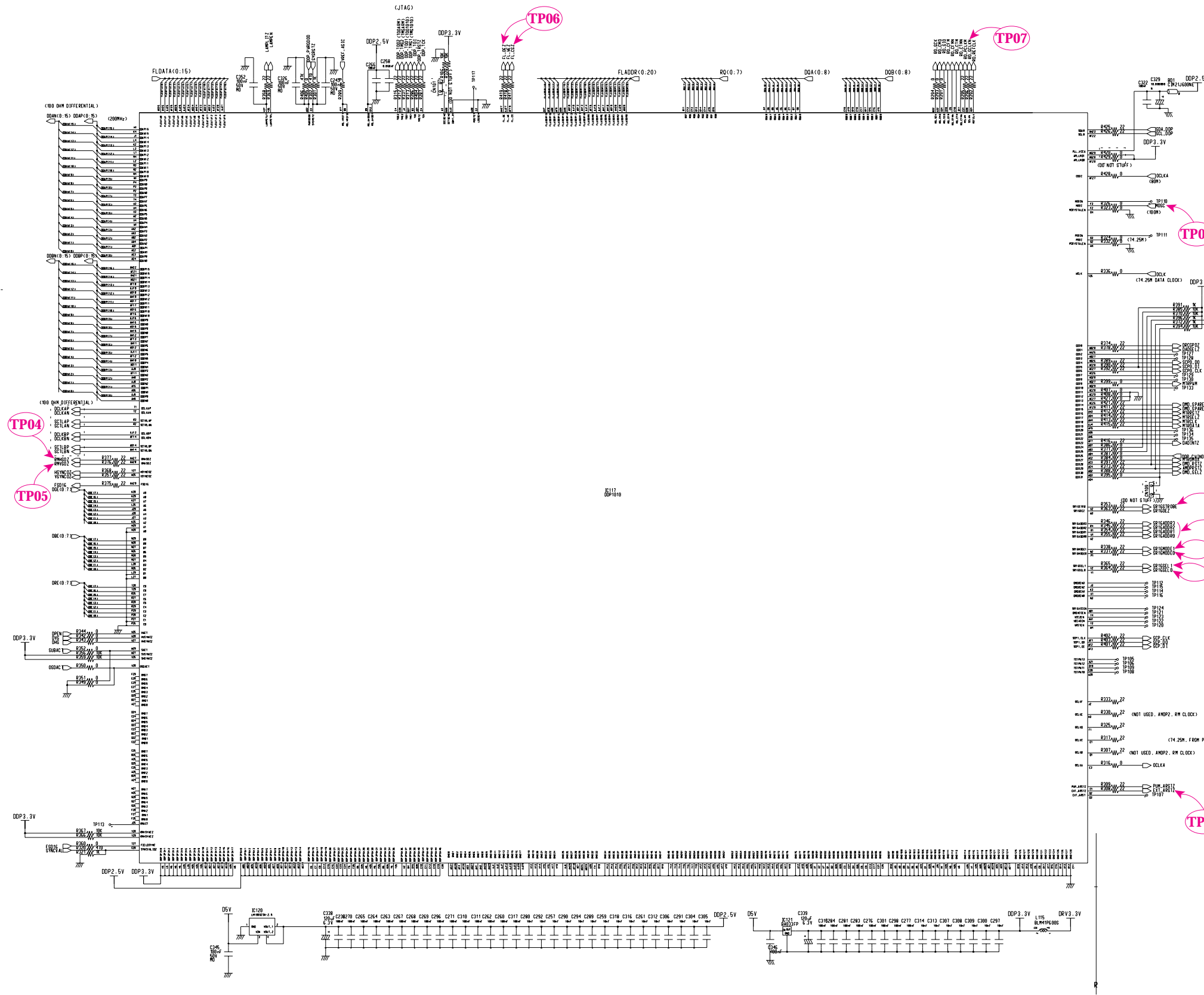


( SINGLE-ENDED OUTPUT FOR 720P MODEL )

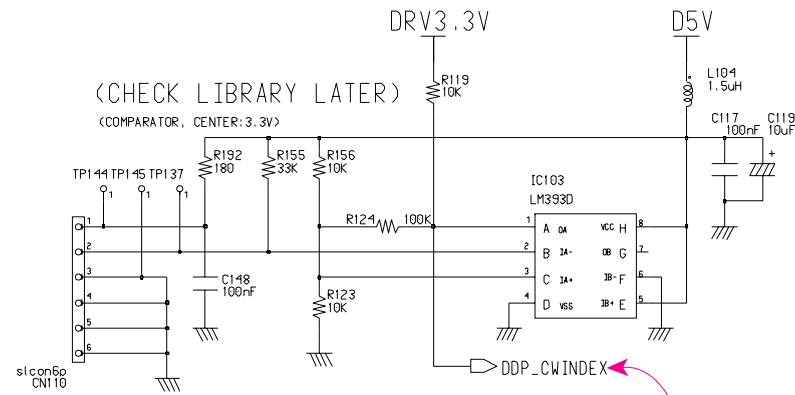
( DDP1010 CONTROL OPTION FROM PC )



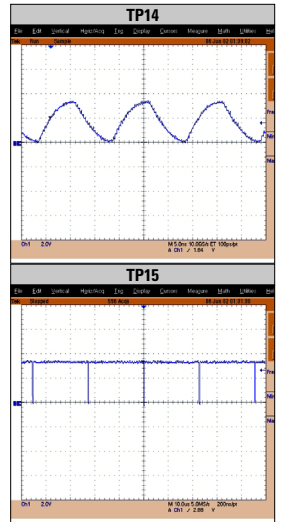
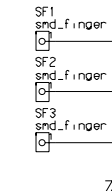
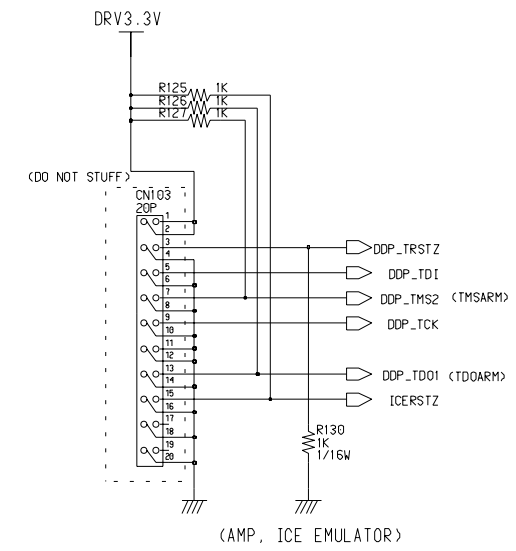
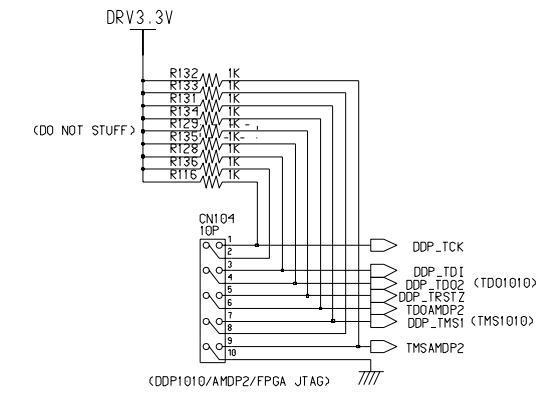
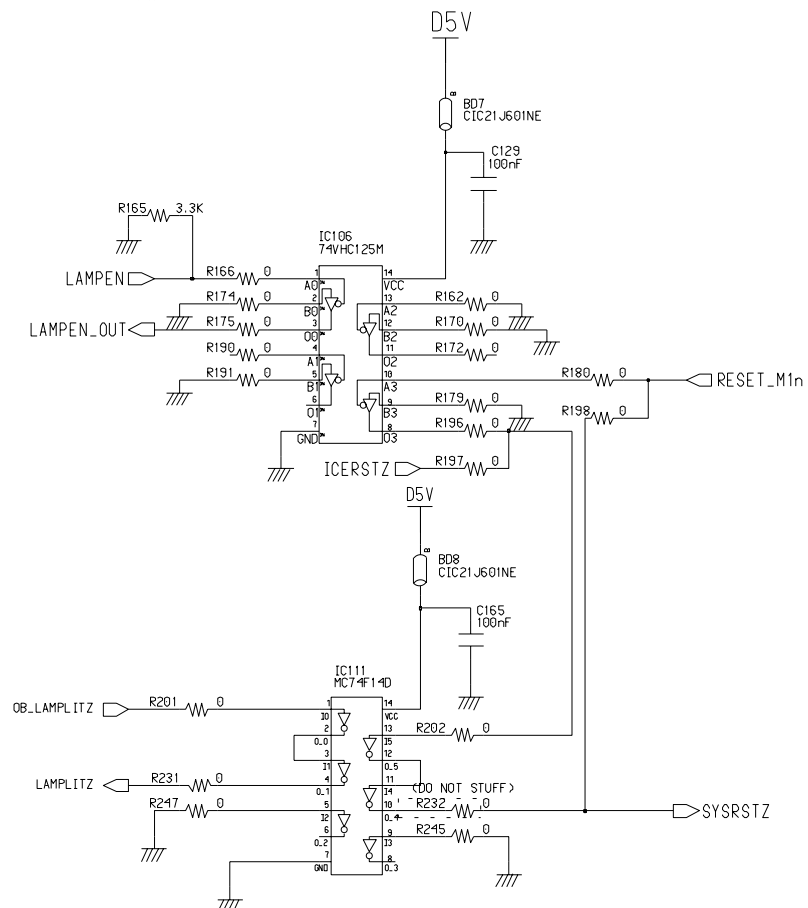
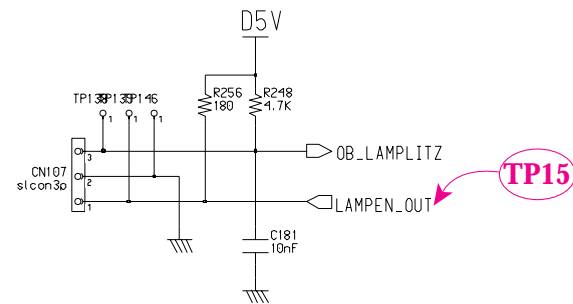
11-3-2 DDP1010



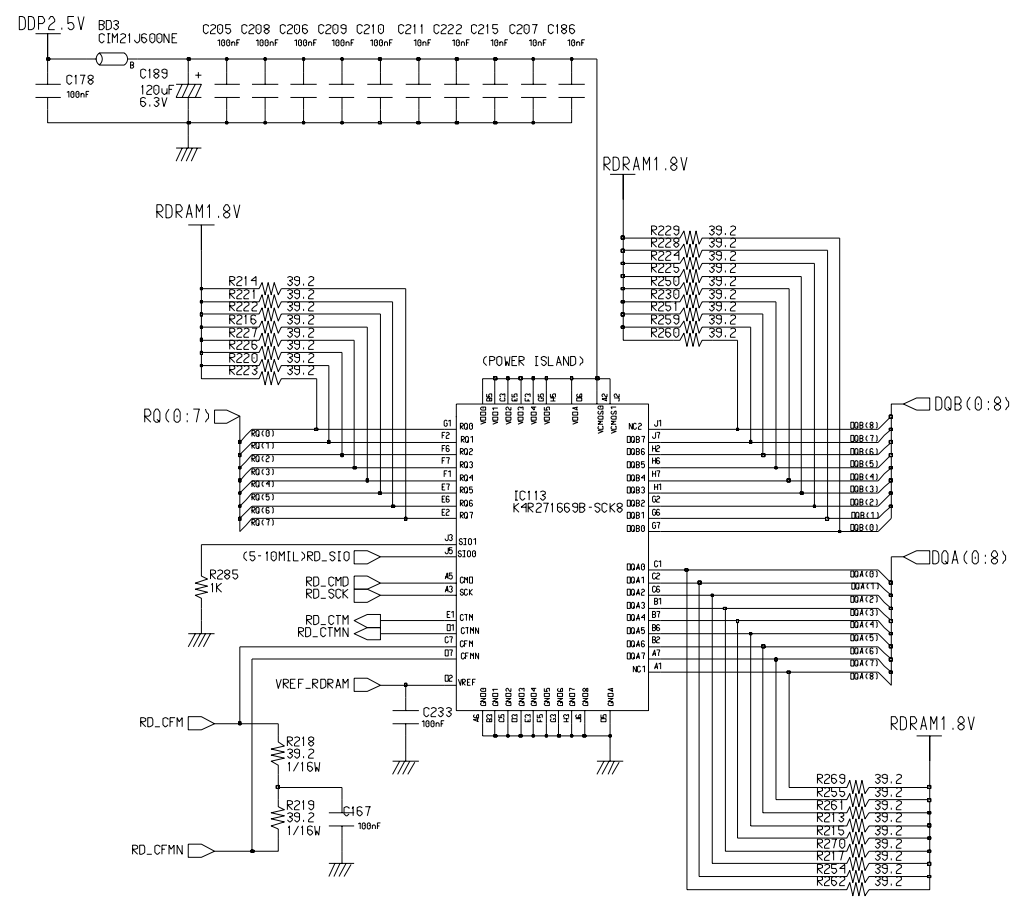
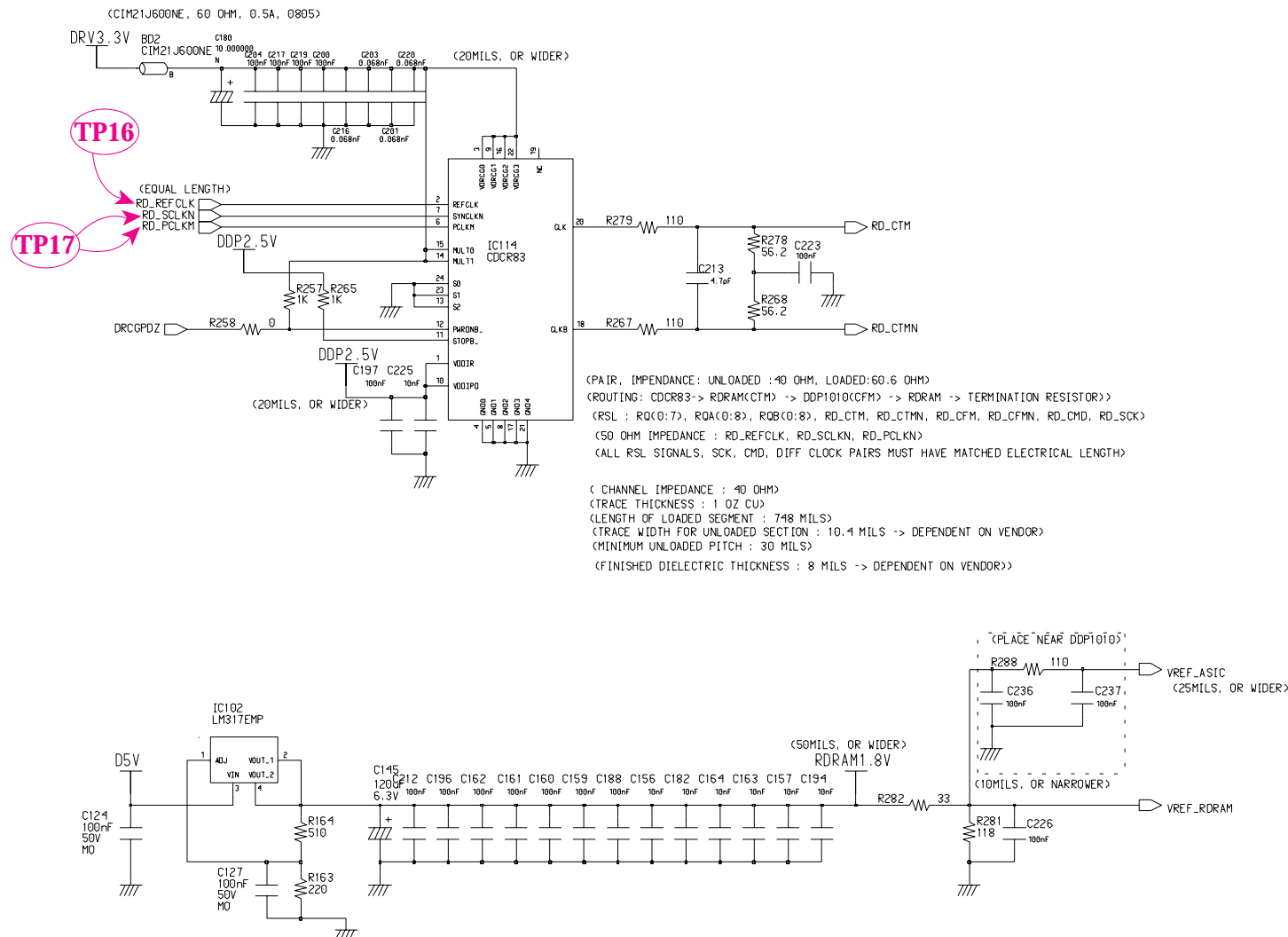
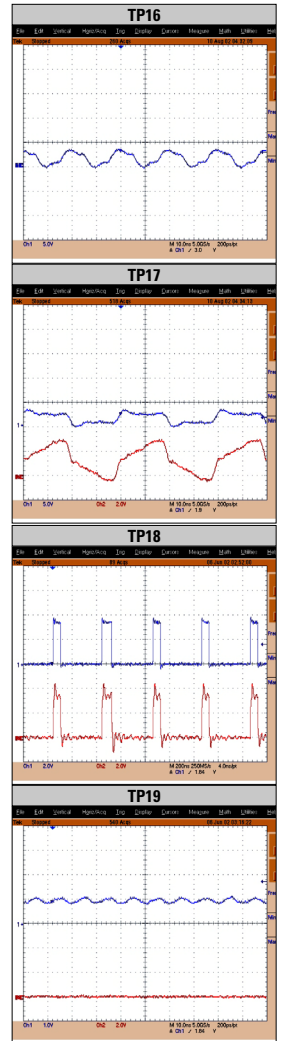
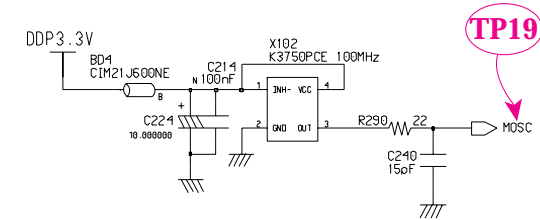
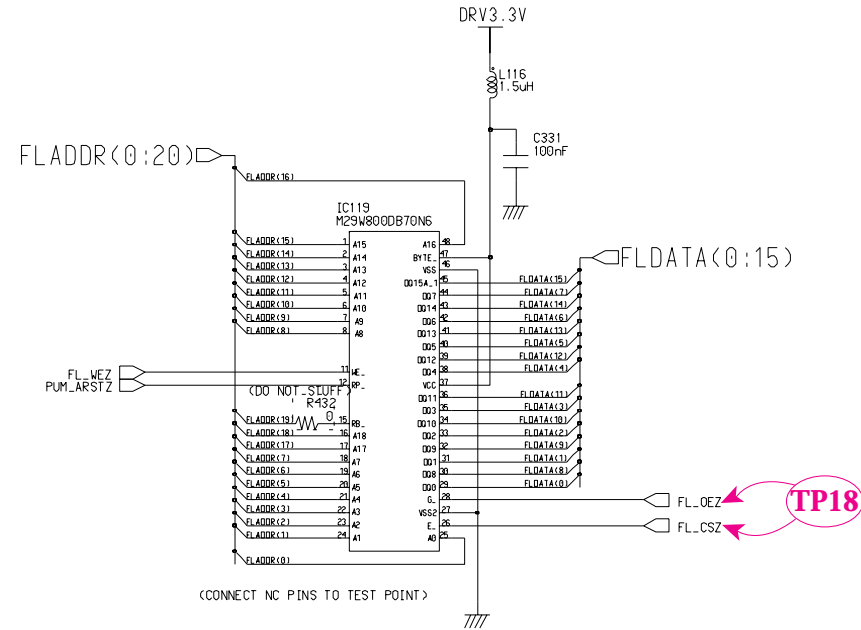
(COLOR WHEEL SENSOR DETECTION)



(LAMP CONTROL)

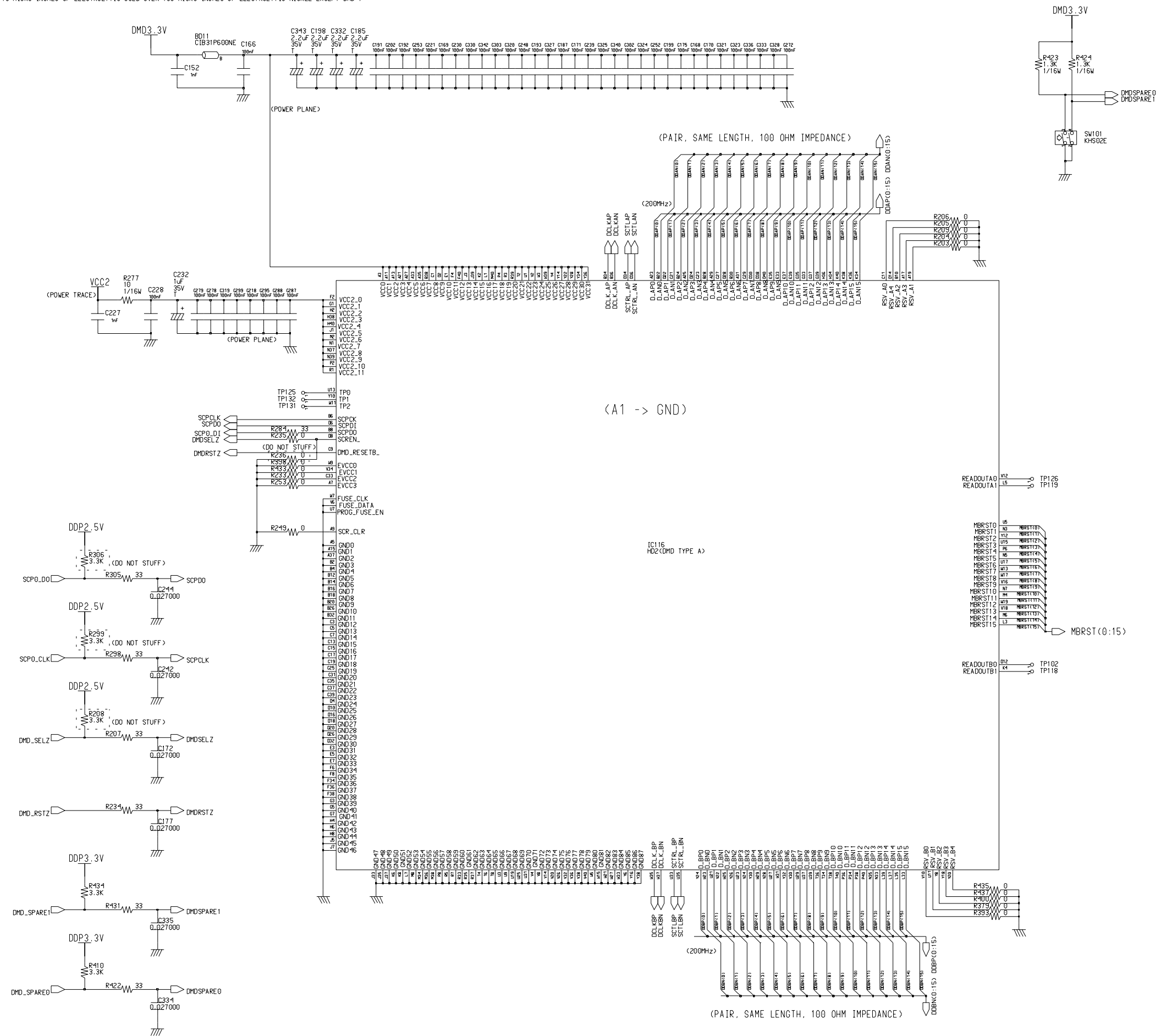


11-3-4 FLASH



11-3-5 DMD

< 30 MICRO INCHES OF ELECTROLYTIC GOLD OVER 150 MICRO INCHES OF ELECTROLYTIC NICKEL FOR DMD >  
 < 5\*15 MICRO INCHES OF ELECTROLYTIC GOLD OVER 150 MICRO INCHES OF ELECTROLYTIC NICKEL EXCEPT DMD >





(CMD POWER AND RESET DRIVER)

