

CONTENTS

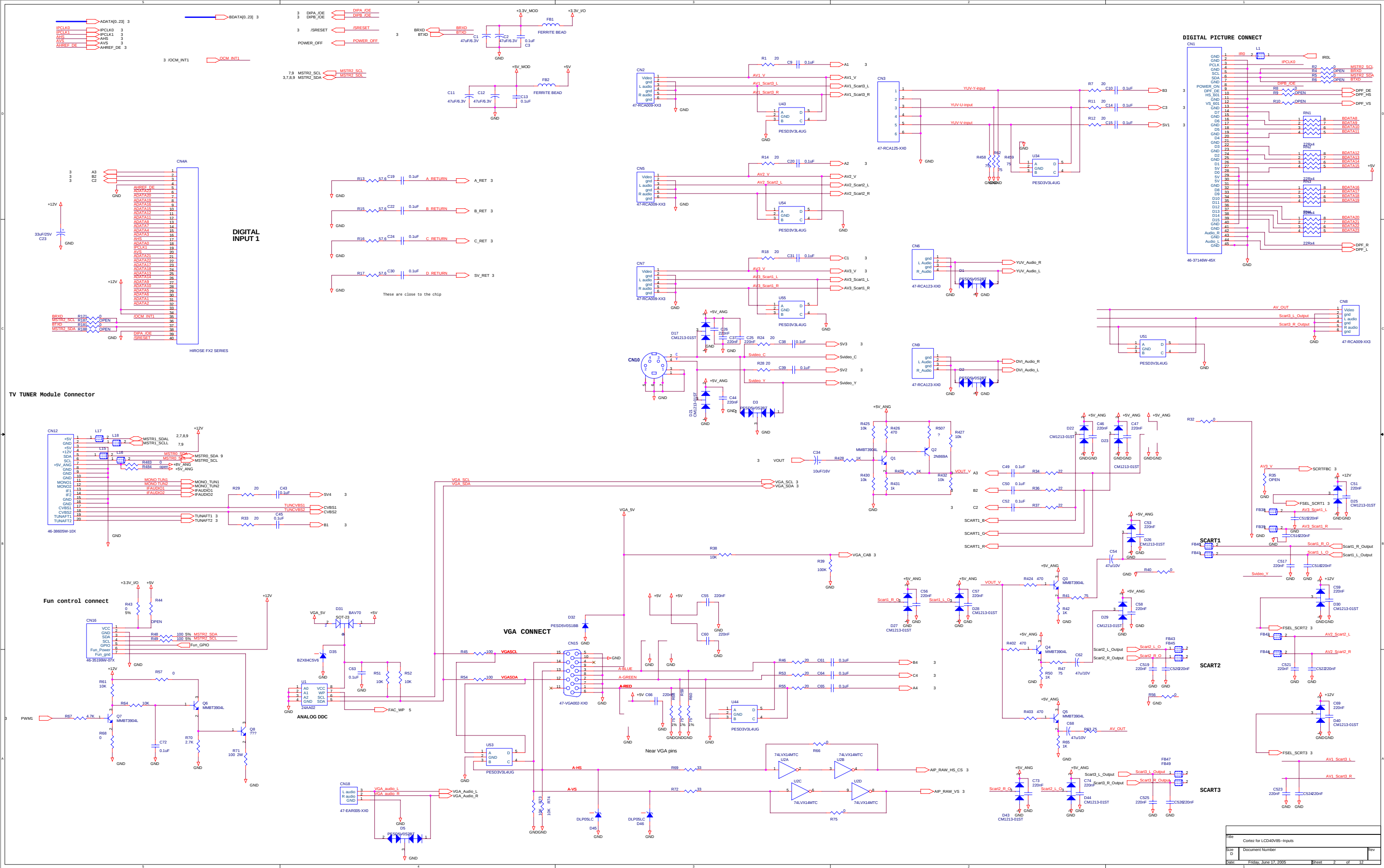
SCHEMATIC Name	SHEET
01. Contents, Revision History	1
02. Inputs	2
03. FLI8532	3
04. Frame Store	4
05. Memory I/F	5
06. Outputs	6
07. External decoder	7
08. HDMI	8
09. Audio	9
10. Power	10
11. Standby MCU	11
12. ATSC Interface	12

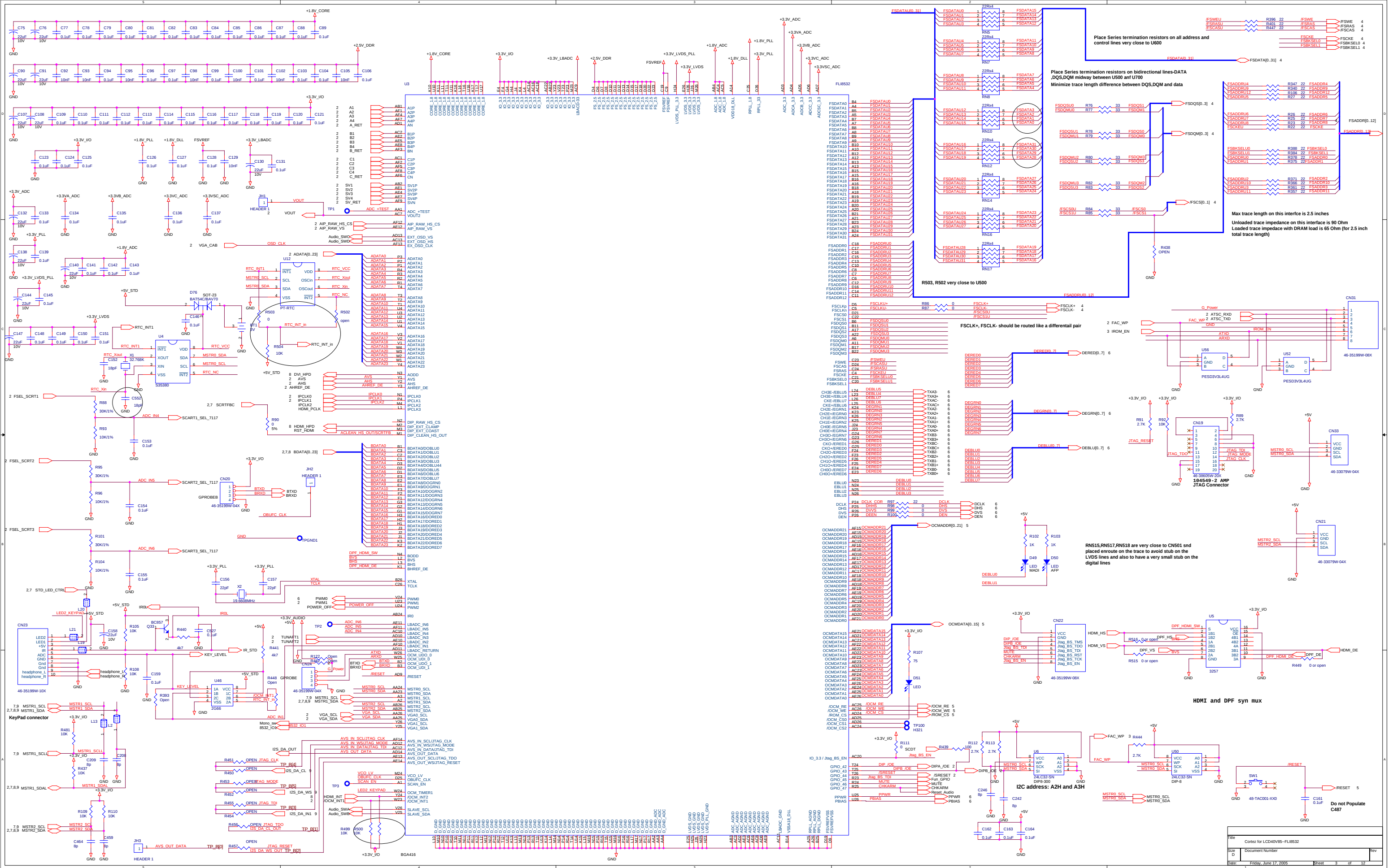
GC32 For LCD40A71P

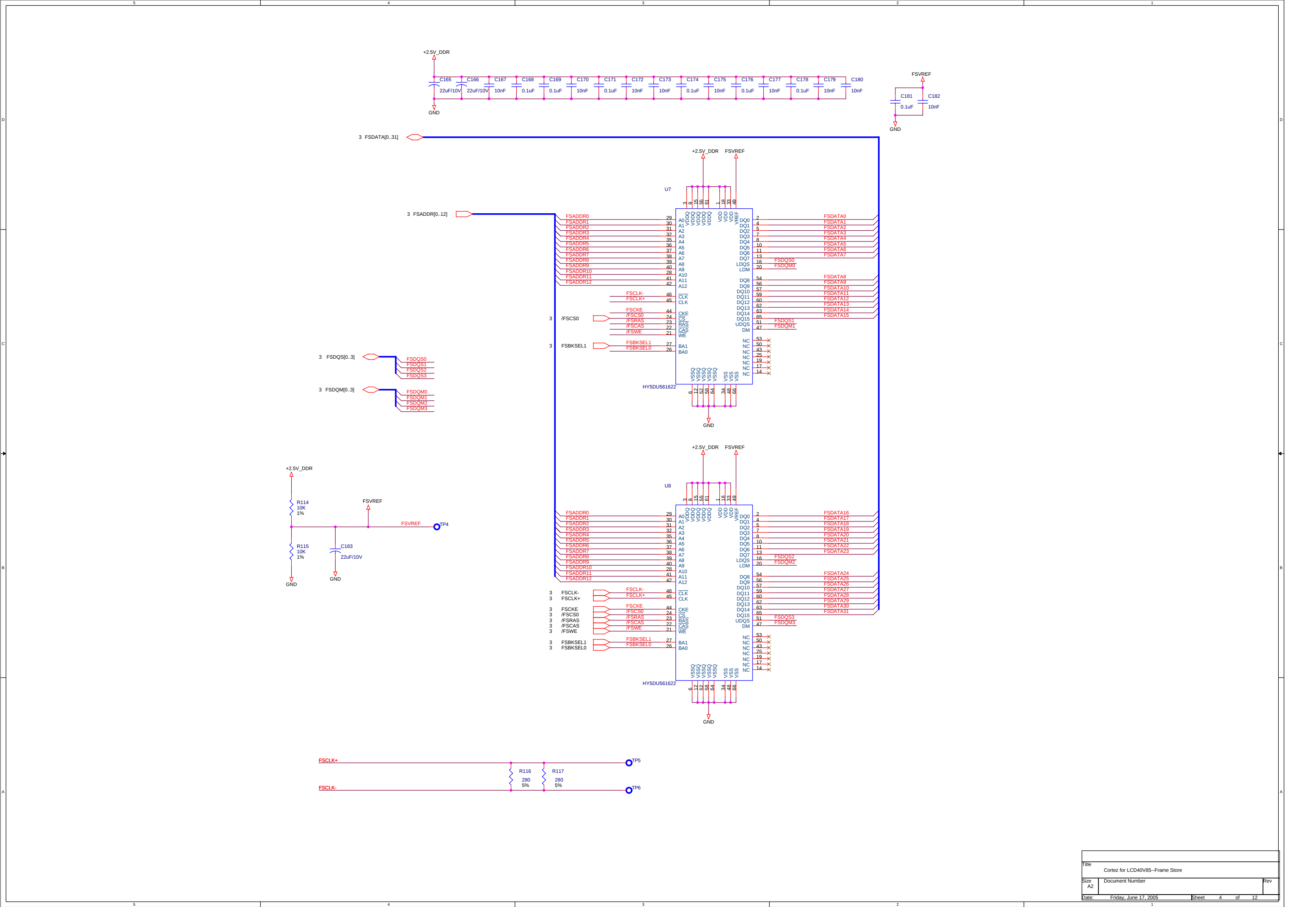
40-LD40V8-MAE4X

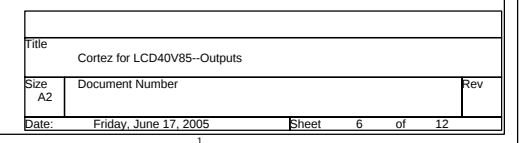
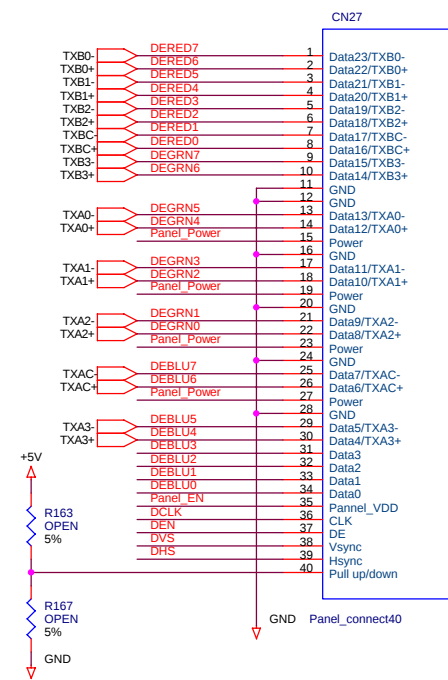
Approval	Position	Signature	Date

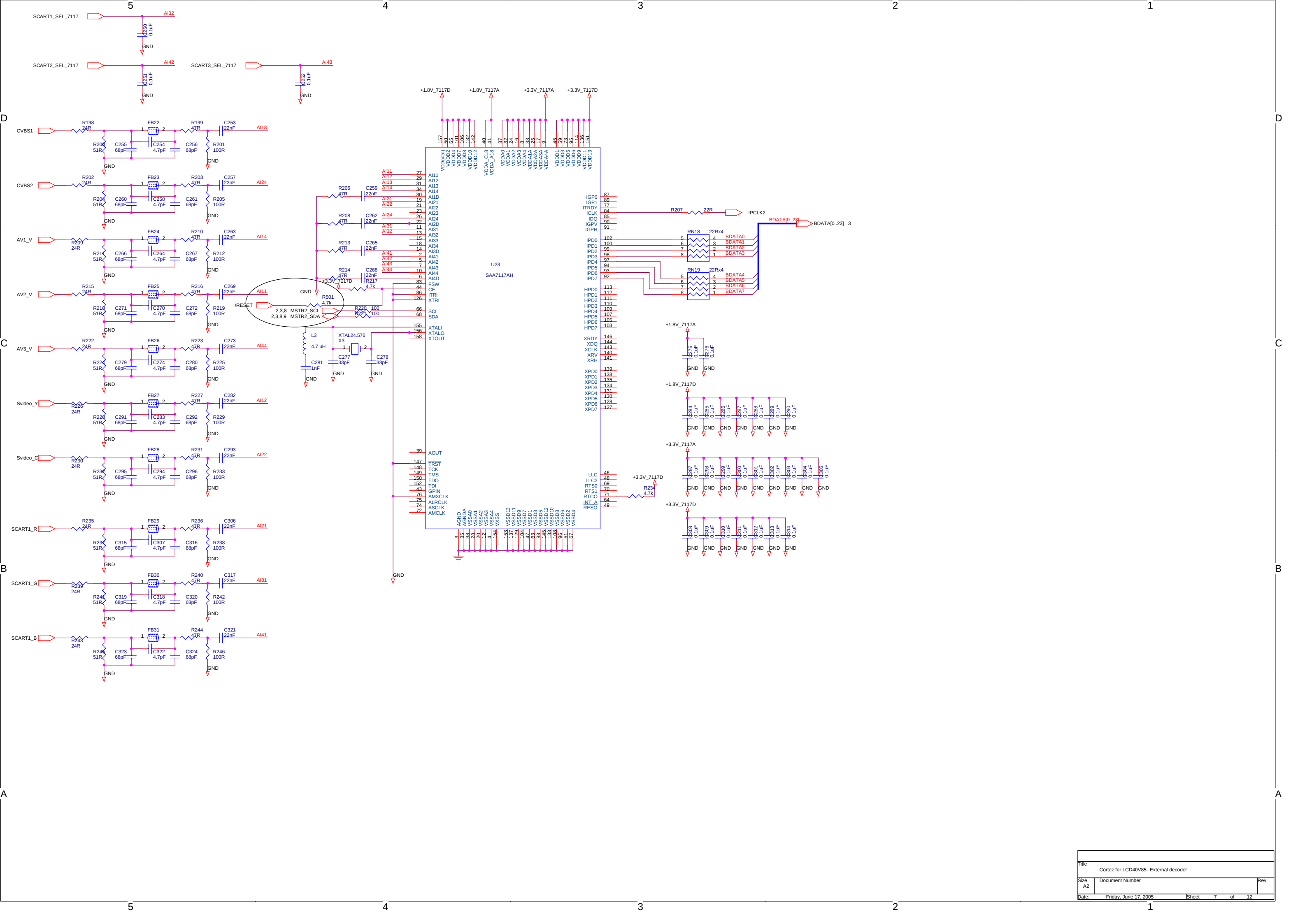
Title		
Cortez for LCD40V85--Content		
Size B	Document Number	Rev
Date:	Friday, June 17, 2005	Sheet 1 of 12

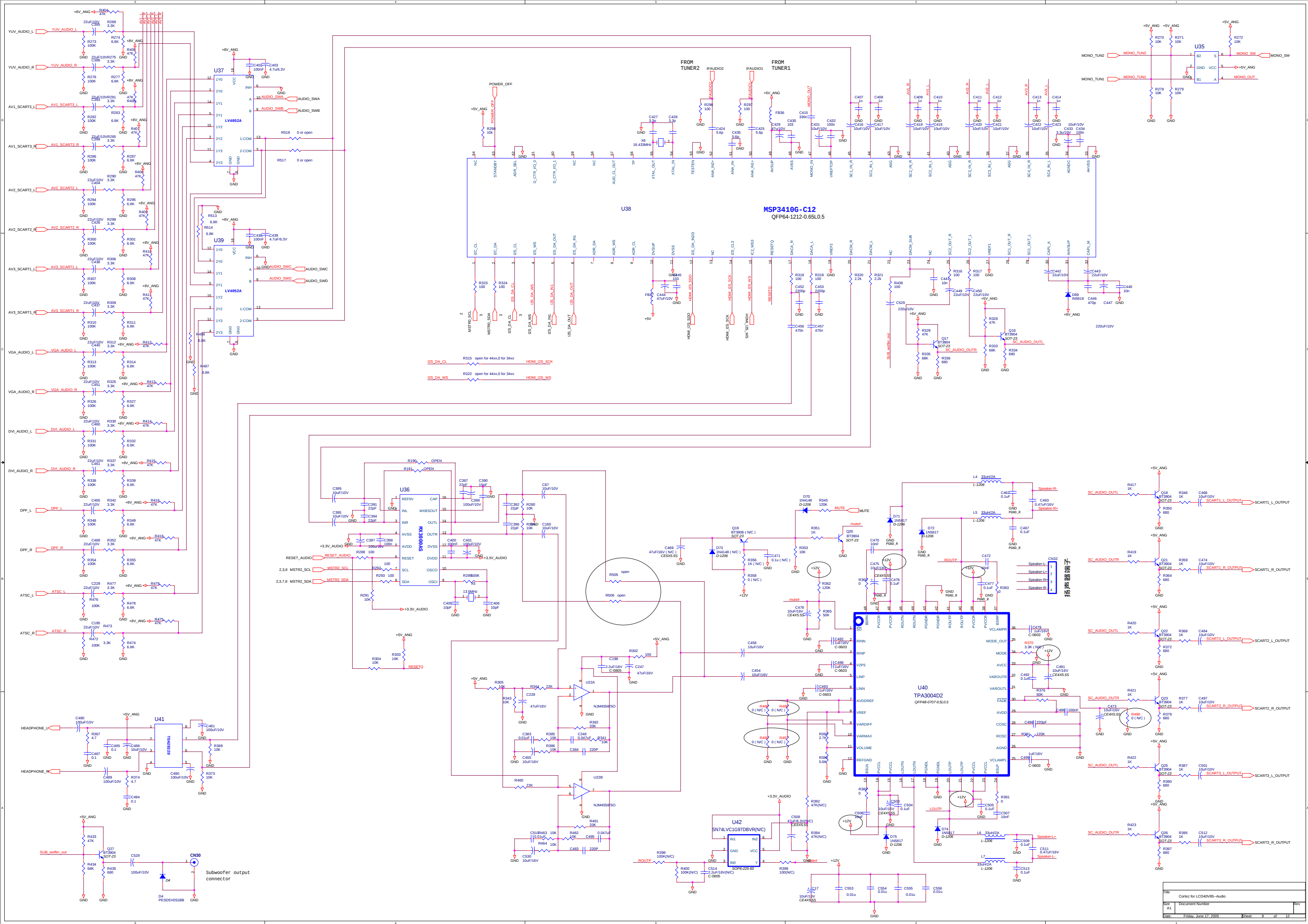


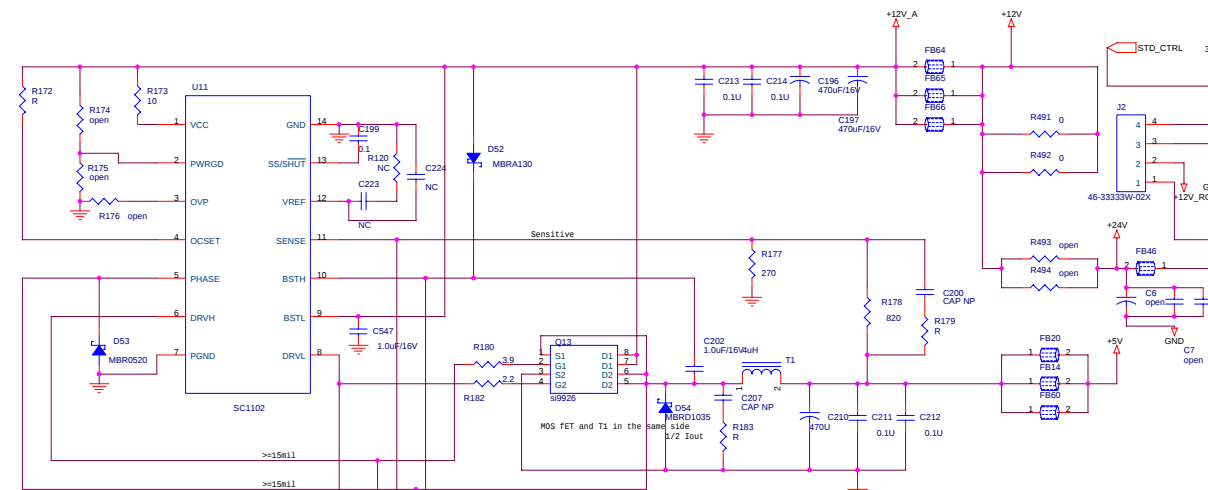
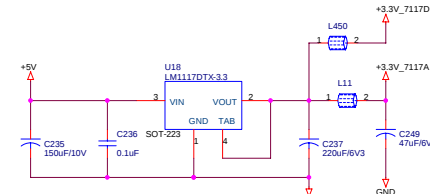
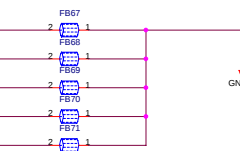
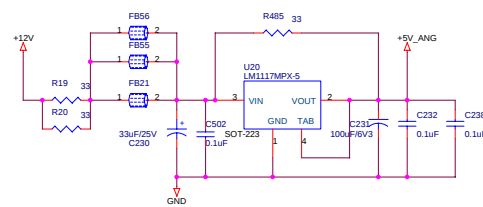
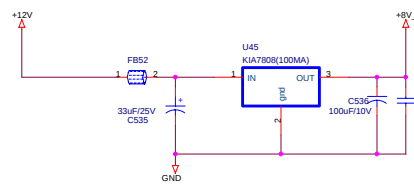
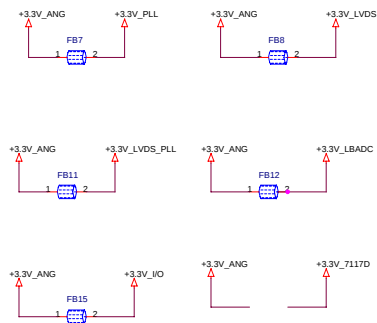
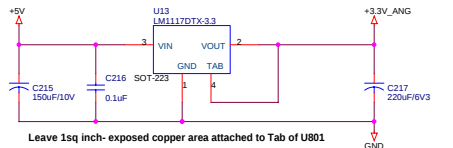
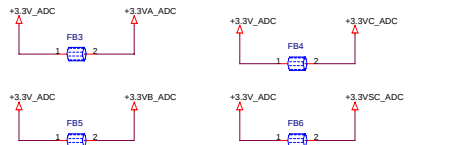
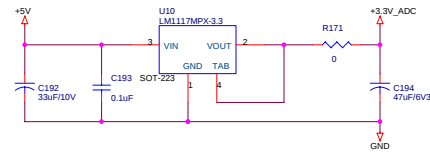
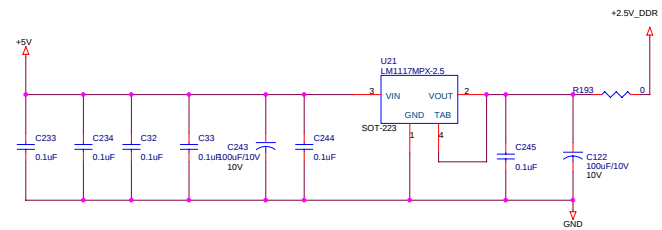
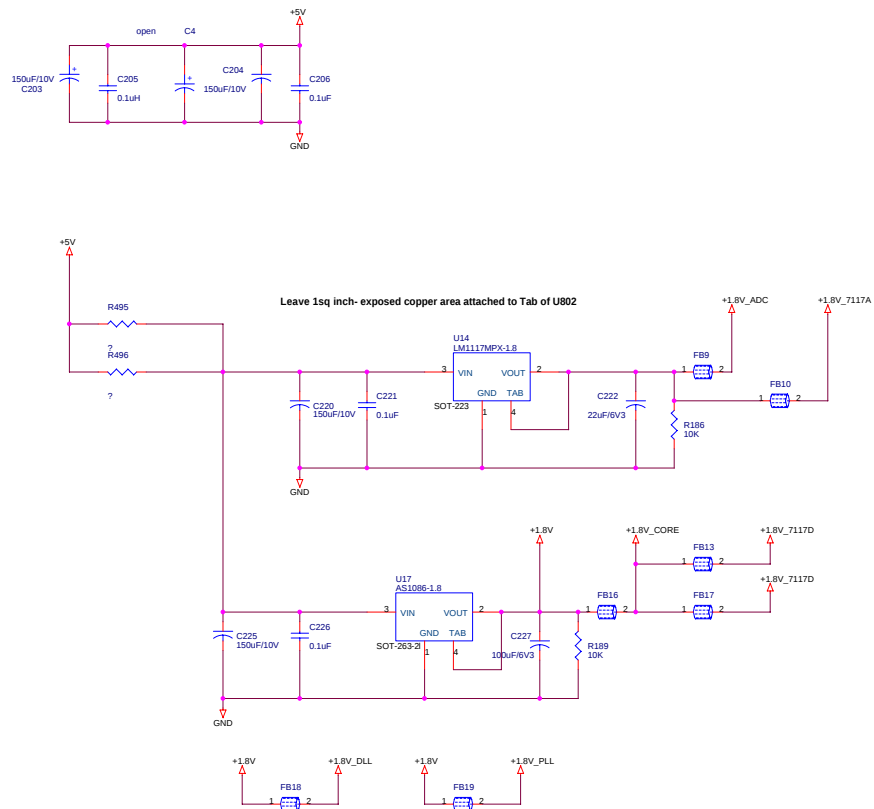












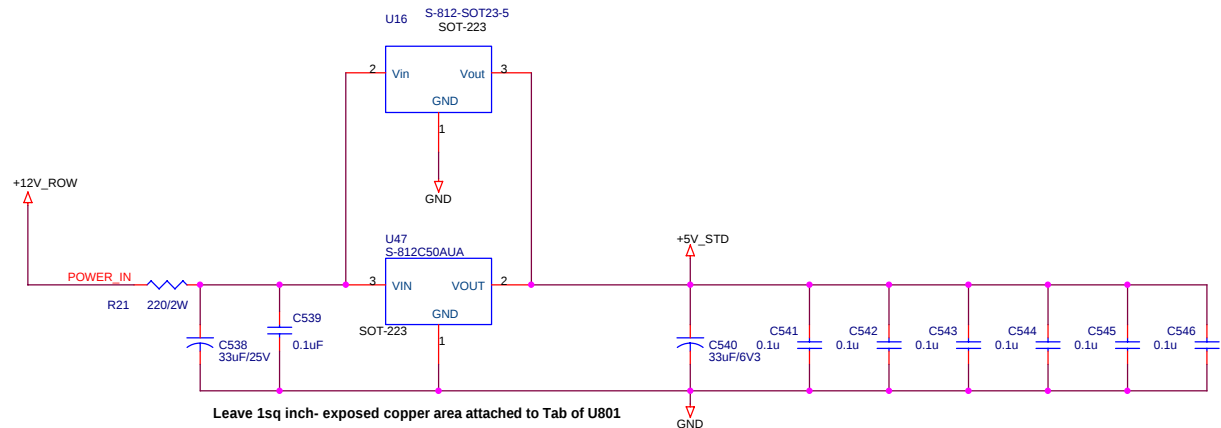
Vin-R1*200uA=Vin-Rds(on)*Ilimite

$$R1=Rds(on)max*Ilimite/200uA = 0.023 * 2A *1.25 /200uA = 184$$

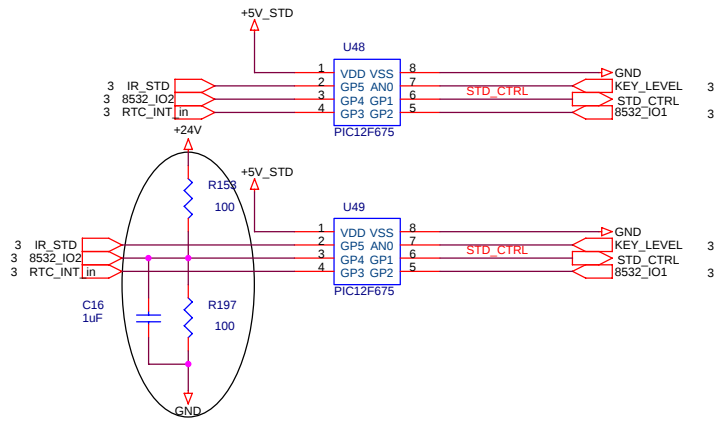
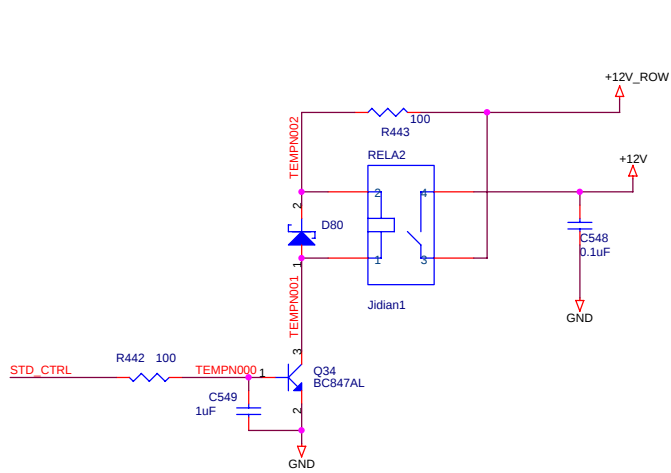
$$R1=Rds(on)max*Ilimite/200uA = 0.023 * 4A *1.25/200uA = 368$$

SC1102 BOM	SC1104 BOM
R1 184(2A)/368(5A) *1	D1 LL4148 *1
D1 MBR4130 *1	D2 MBR4130L *1
D2 MBR0520 *1	Q1A,Q2B STP40NE *2
D3 MBR01035 *1	C1 10uF/16V *1
Q1A,Q2B STP40NE *2	C2,3,4 270uF/16V *3
C1 10uF/16V *1	C6 ? *1
C2,3,4 270uF/16V *3	C8 1uF *1
C5 0.1uF *1	C9 ? *1
C7,8 1uF *2	C15 ? *1
C10,11,12,13,14 180uF/6V *5	C16 ? *1
T1 4uH *1	C16,11,12,13,14 180uF/6V *5
R2 18 0603 *1	T1 4uH *1
R3,5 1K 0603 *2	R6 588 0603 *1
R4 2K 0603 *1	R7 127 0603 *1
R6 475 0603 *1	R8 ? *1
R7 127 0603 *1	R9 2.2 0603 *1
R9 3.9 0603 *1	R10 2.2 0603 *1
R10 2.2 0603 *1	R11 ? *1
R13 ? *1	R12 ? *1
U1 SC1102 *1	R13 ? *1
U2 SC1104 *1	U1 SC1102 *1

Remark:
The components which did not marked the value in the circuit are all using in SC1104 solution.



Leave 1sq inch- exposed copper area attached to Tab of U801



STD_CTRL: To relay,to Power supplier,to Front control board LED
1---TV on 0---TV Standby

8532_I01:Input to STD_MCU,three info transmitted-----Power
off,set power remember after power on,set standby after power
on

KEY_LEVEL:Detect Programme-- key

IR_STD:Only IR Power_on sequence detect pin,mask this interrupt
when TV is on

RTC_INT1:Just detect it when TV in standby mode,if TV is on,Mask
this interrupt,the interrupt will disposed by 8532

8532_I02:reserved

