

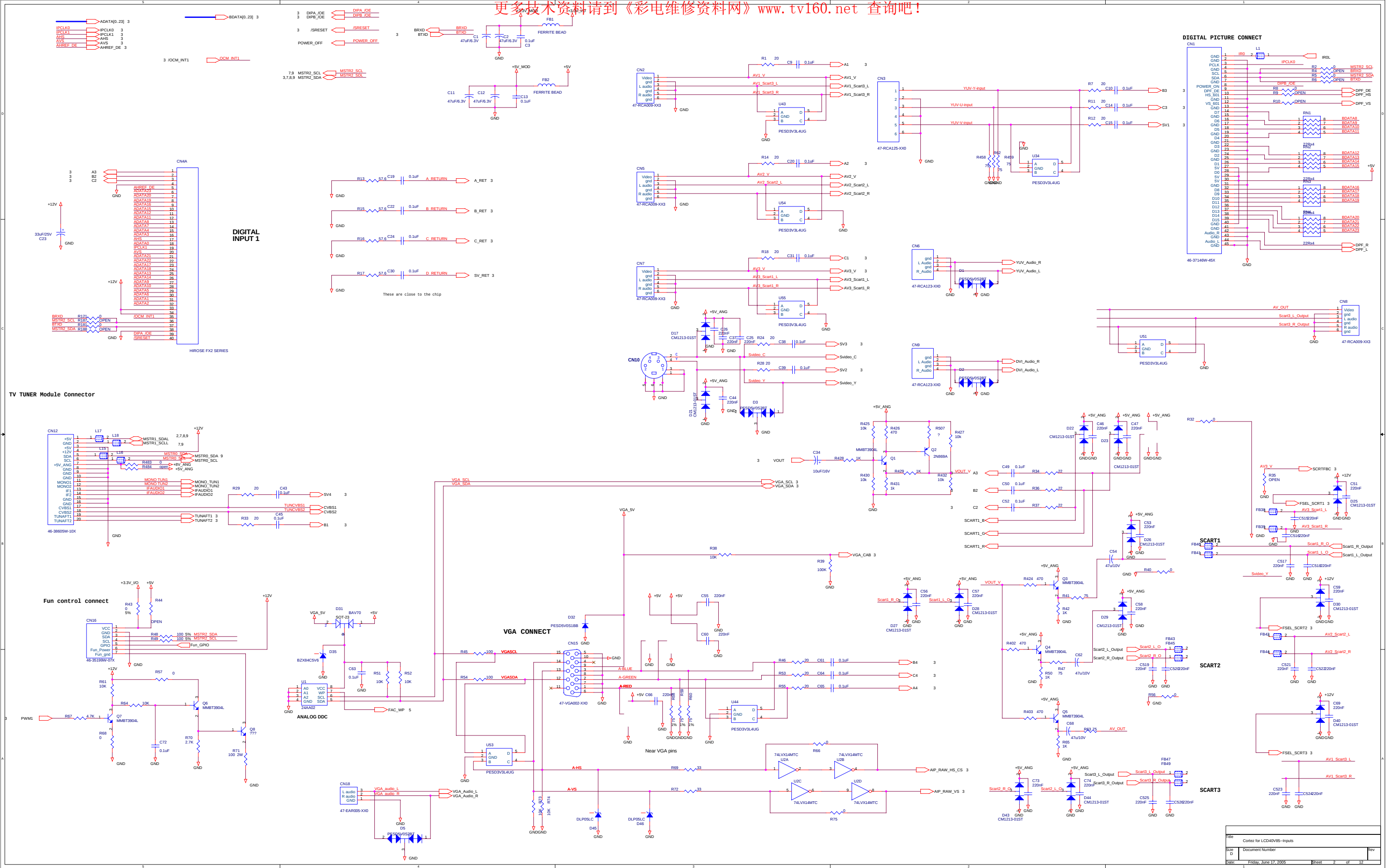
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GC32 For LCD40A71P
40-LD40V8-MAE4X

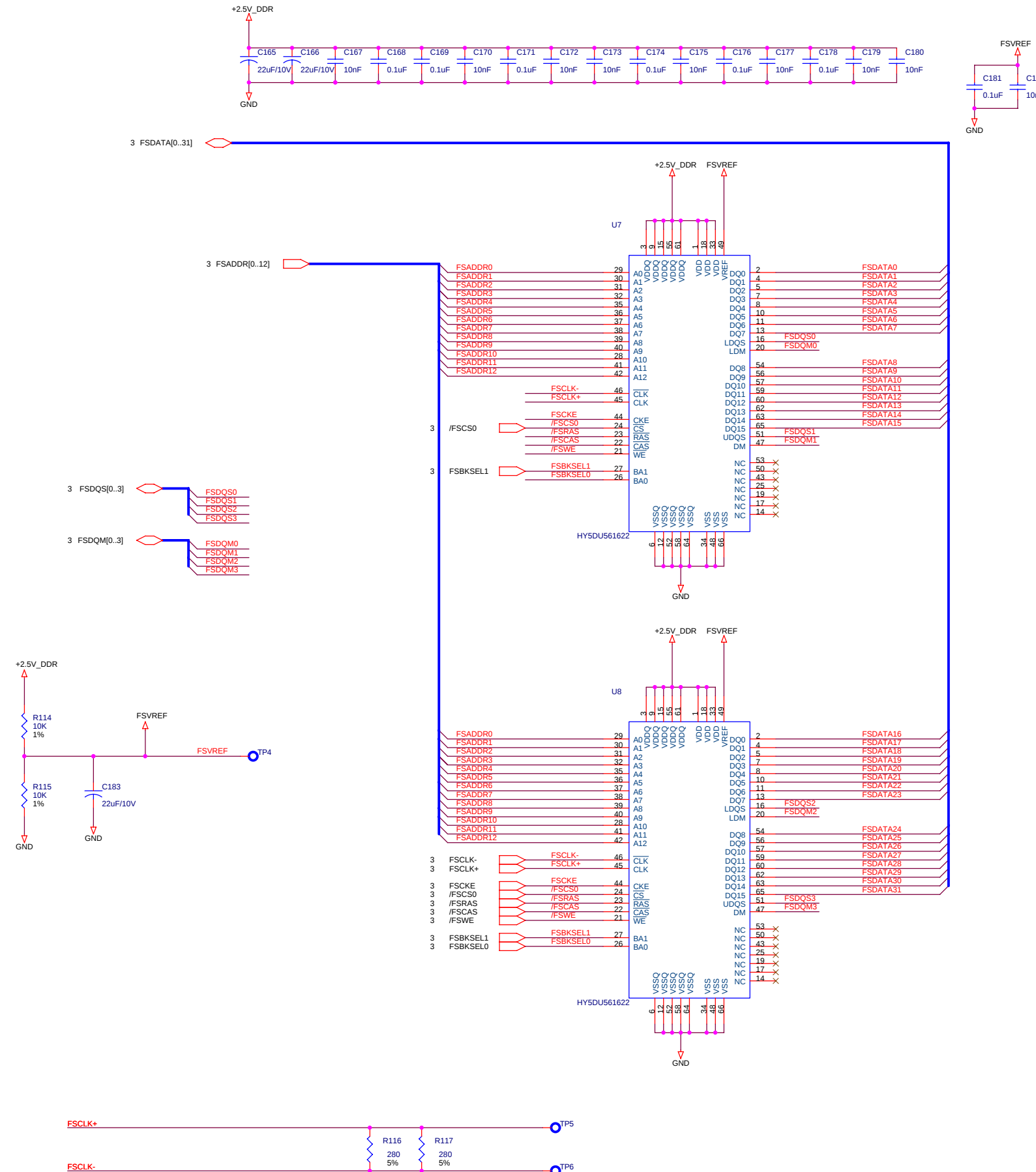
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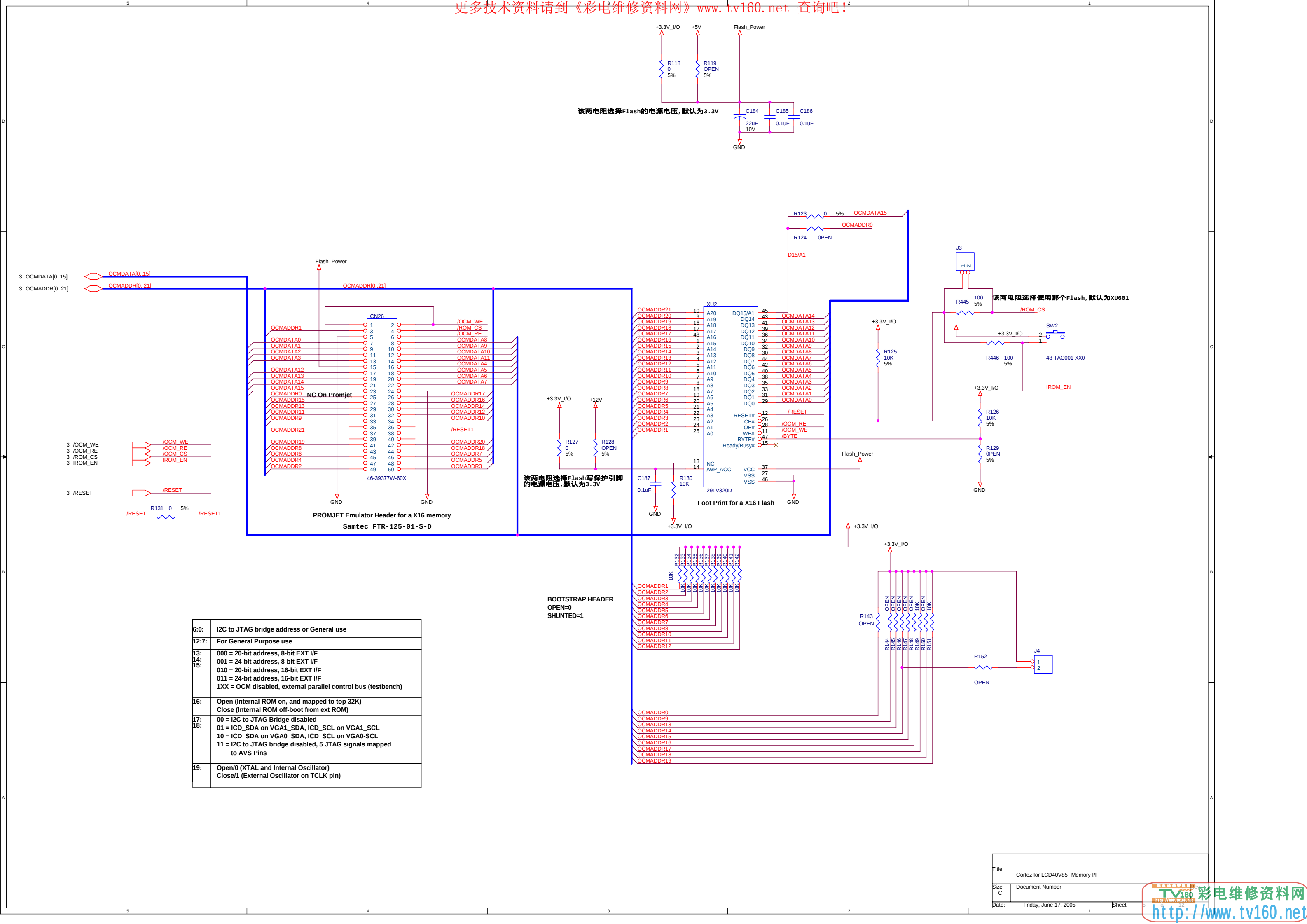
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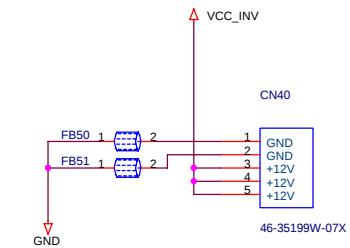
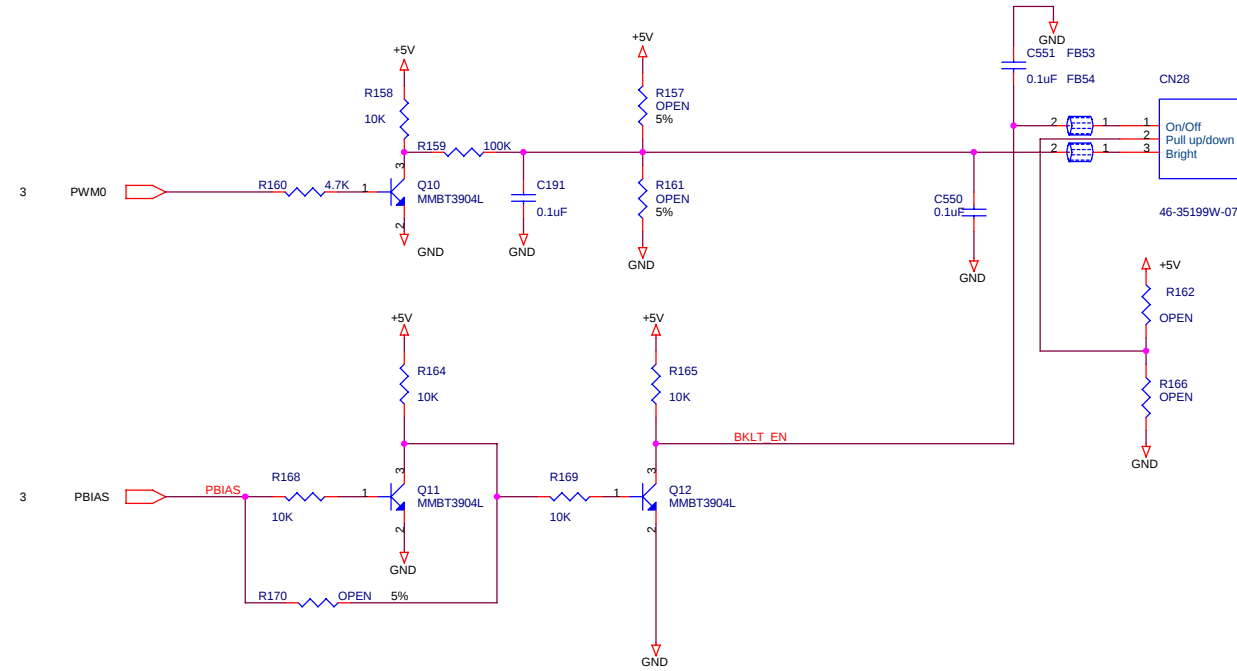
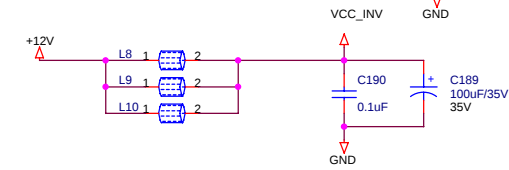
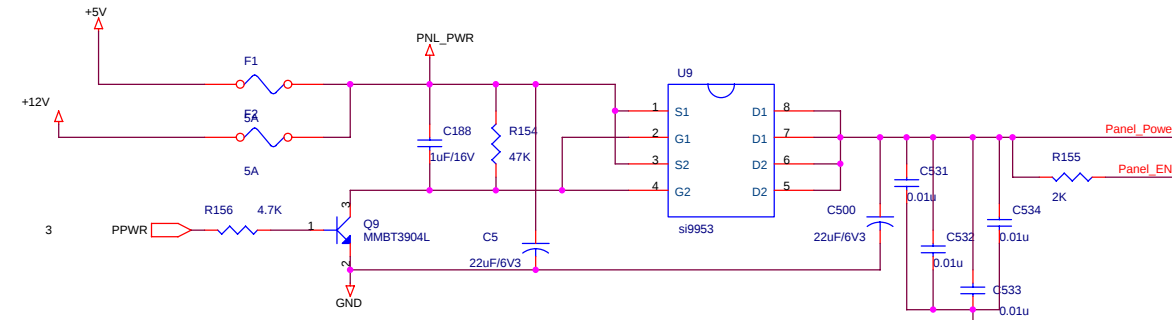
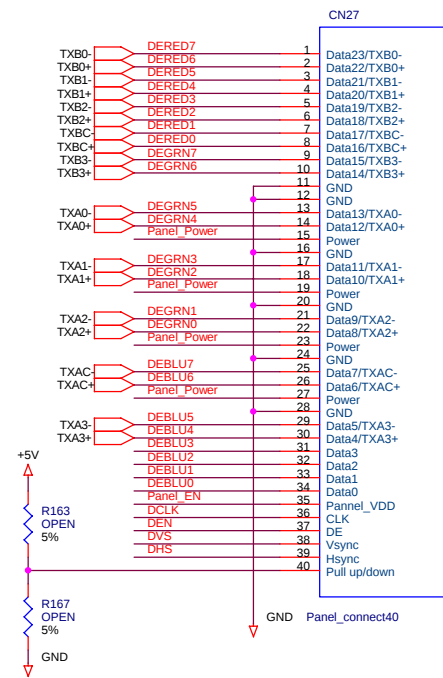
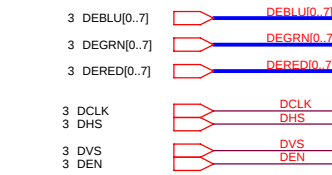


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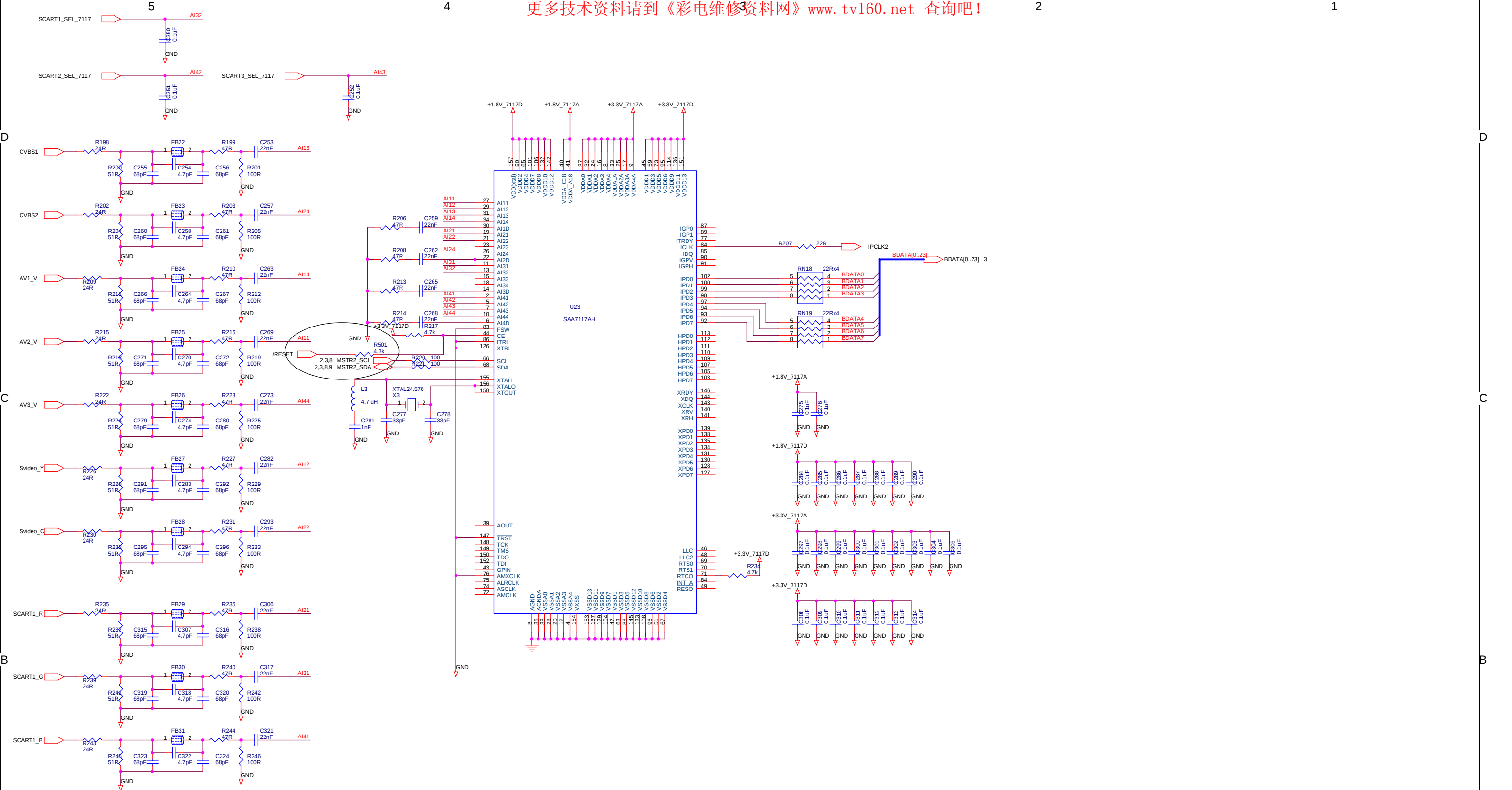






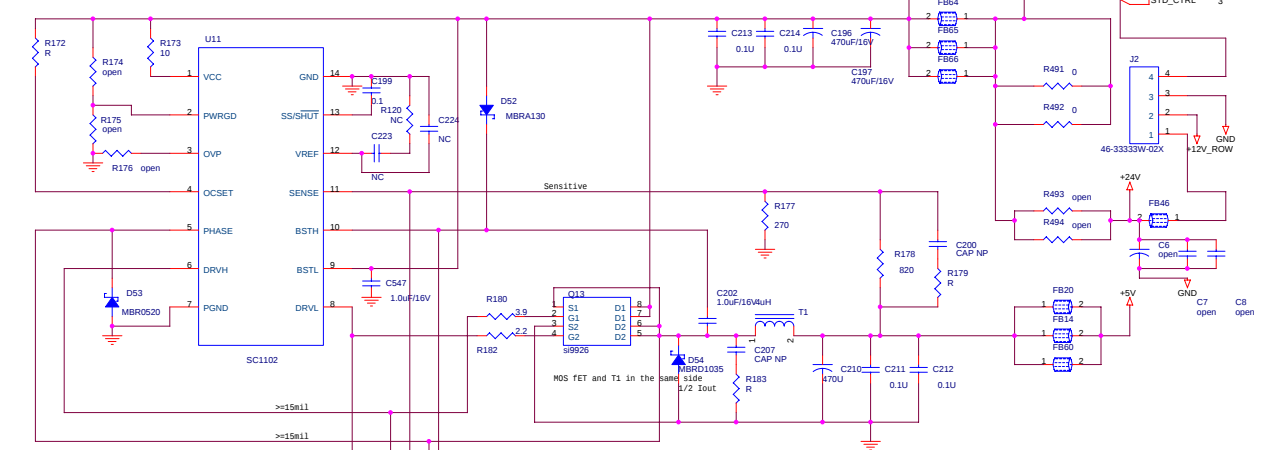
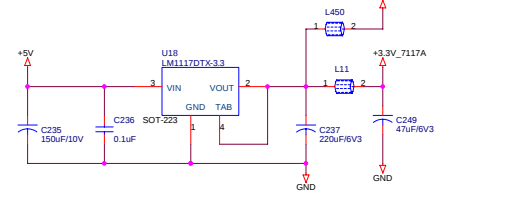
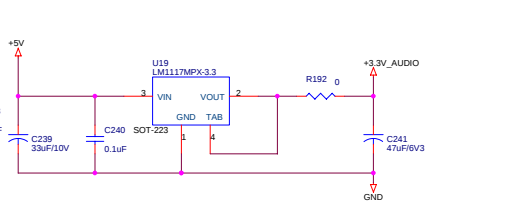
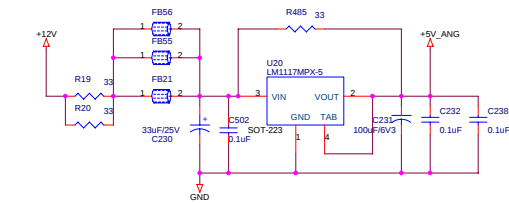
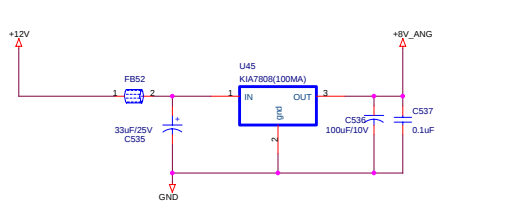
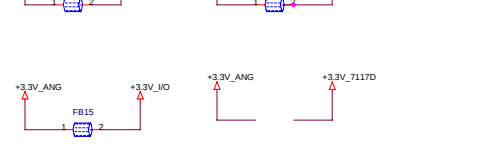
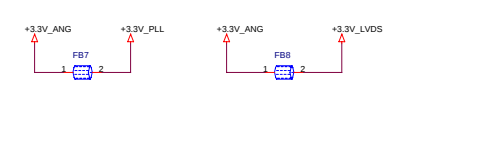
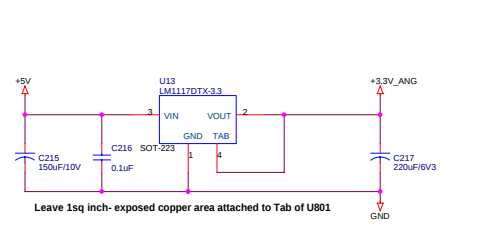
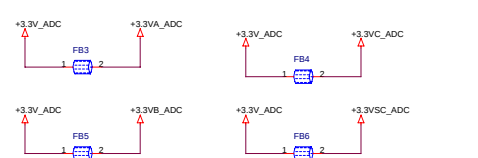
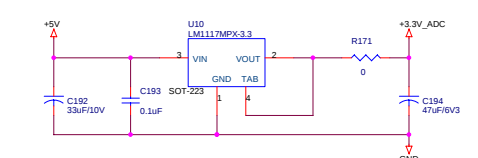
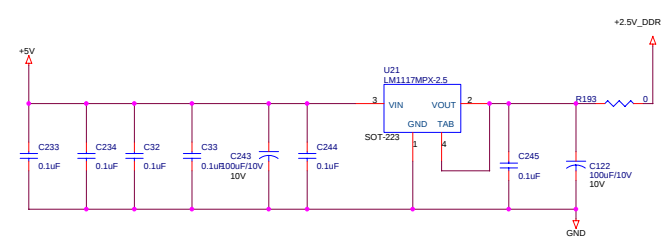
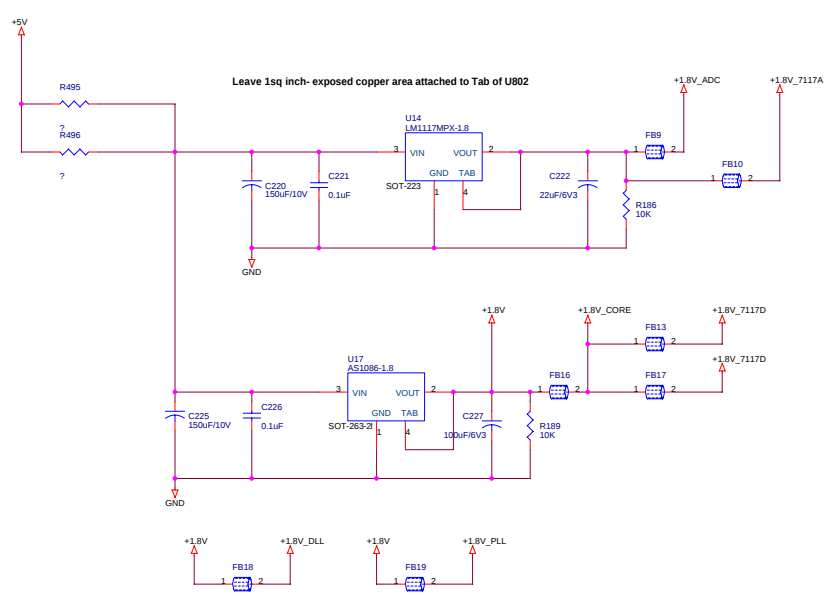


Title		
Cortez for LCD40V85--Outputs		
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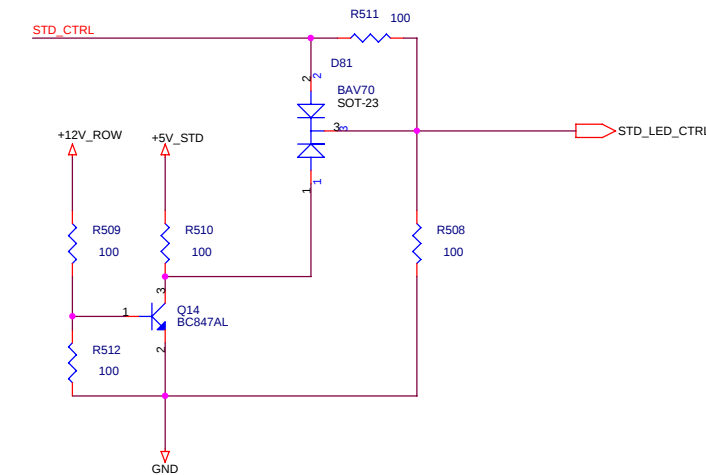
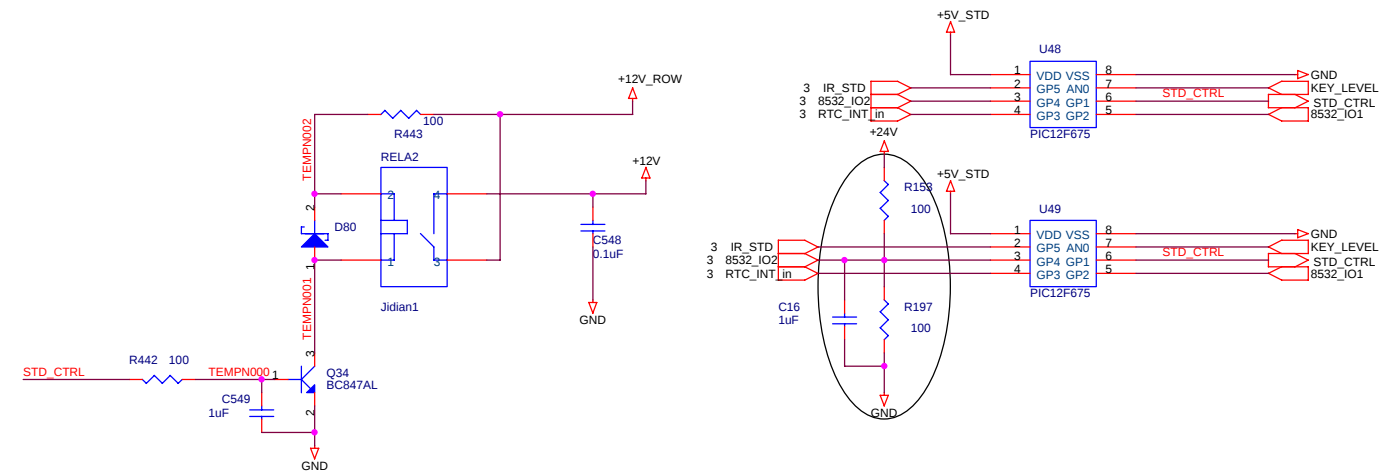
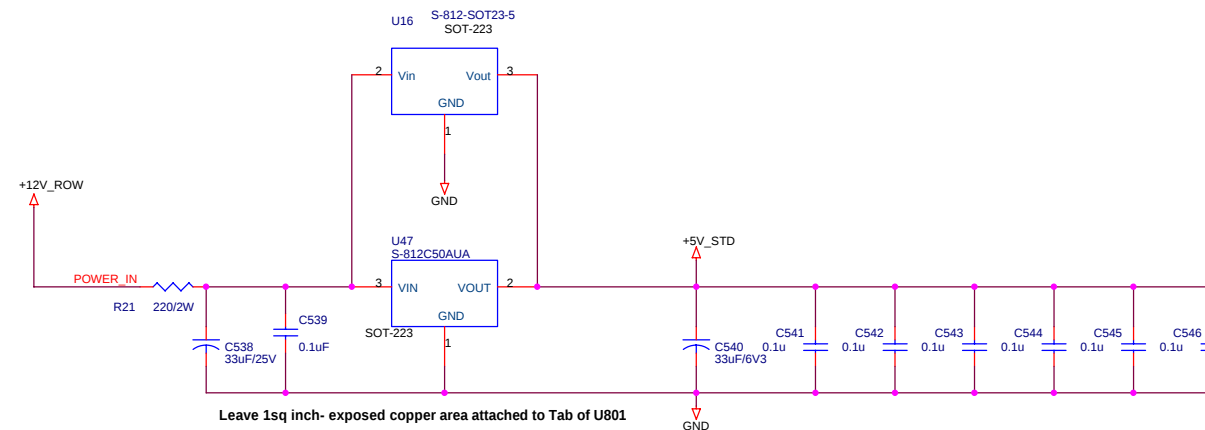


$$R1 = R_{ds(on)} \times \frac{I_{limite}}{I_{max}} = 0.023 \times \frac{2A}{1.25} = 184$$

$$R1 = R_{ds(on)} \times \frac{I_{limite}}{I_{max}} = 0.023 \times \frac{4A}{1.25} = 368$$

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

SC1102 BOM	SC1104 BOM
R1 184(2A)/368(5A)	D1 LL4148
D1 MBR130	D2 MBR130L
D2 MBR130L	Q1A, Q2B STP40NE
Q1A, Q2B STP40NE	C1 10uF/16V
C1 10uF/16V	C2 3,4 270uF/16V
C2 3,4 270uF/16V	C6 ?
C6 ?	C8 1uF
C8 1uF	C9 ?
C9 ?	C15 ?
C15 ?	C16 ?
C16 ?	C16, 11, 12, 13, 14 100uF/6V
C16, 11, 12, 13, 14 100uF/6V	T1 4uH
T1 4uH	R1 184
R1 184	R2 18 0603
R2 18 0603	R3 5 1K 0603
R3 5 1K 0603	R4 2K 0603
R4 2K 0603	R6 475 0603
R6 475 0603	R7 127 0603
R7 127 0603	R8 ?
R8 ?	R9 2.2 0603
R9 2.2 0603	R10 2.2 0603
R10 2.2 0603	R11 ?
R11 ?	R12 ?
R12 ?	R13 ?
R13 ?	U1 SC1102
U1 SC1102	U2 SC1104



STD_CTRL: To relay,to Power supplyer,to Front control board LE
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 p
on
```

KEY_LEVEL:Detect Programme+- ke

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,Mas
this interrupt,the interrupt will disposed by 8532

8532_I02:reserved

Title Cortez for LCD40V85--Standby MCU			
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