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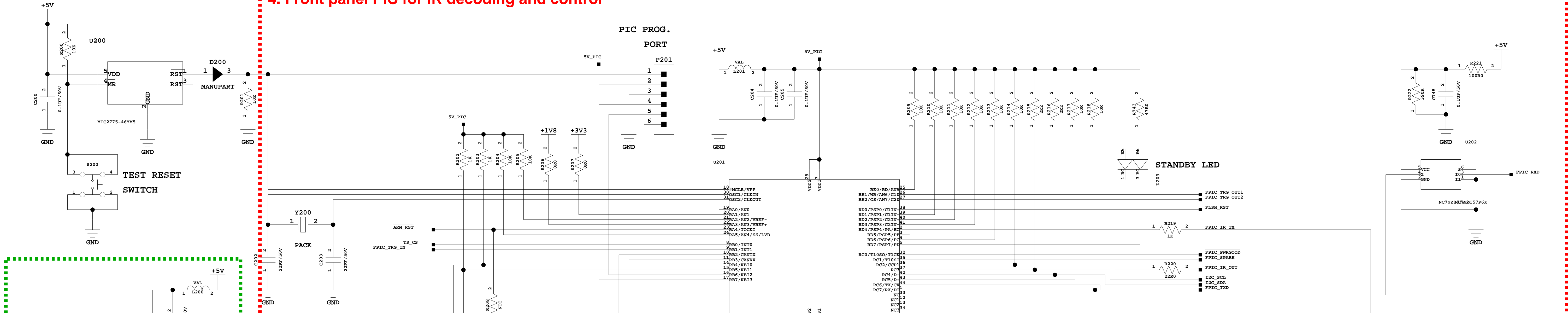
SIZE D	DWG NO	REV 01
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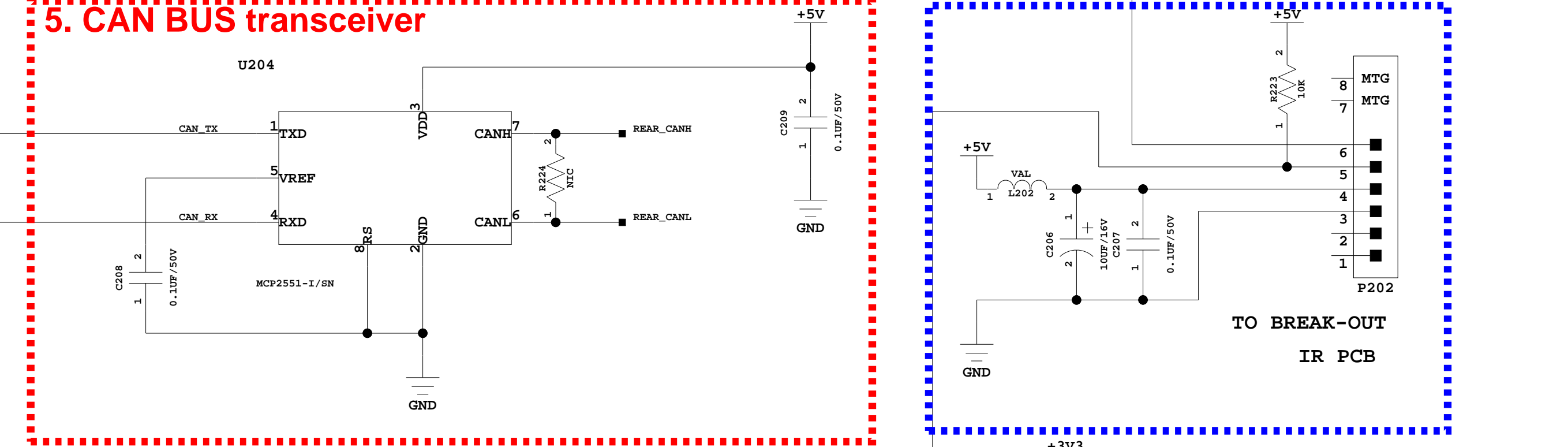
SCALE	SHEET 1 of 8
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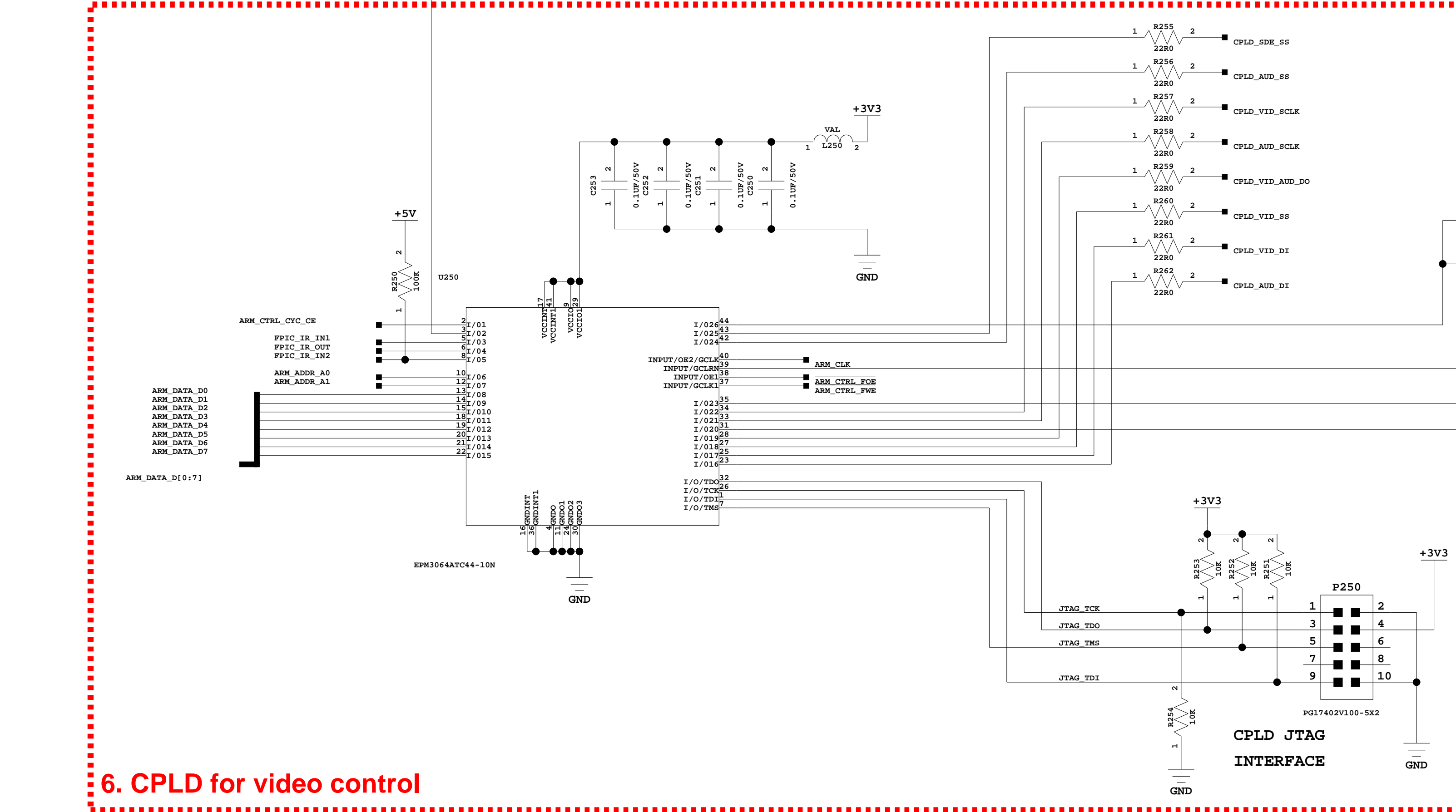
4. Front panel PIC for IR decoding and control



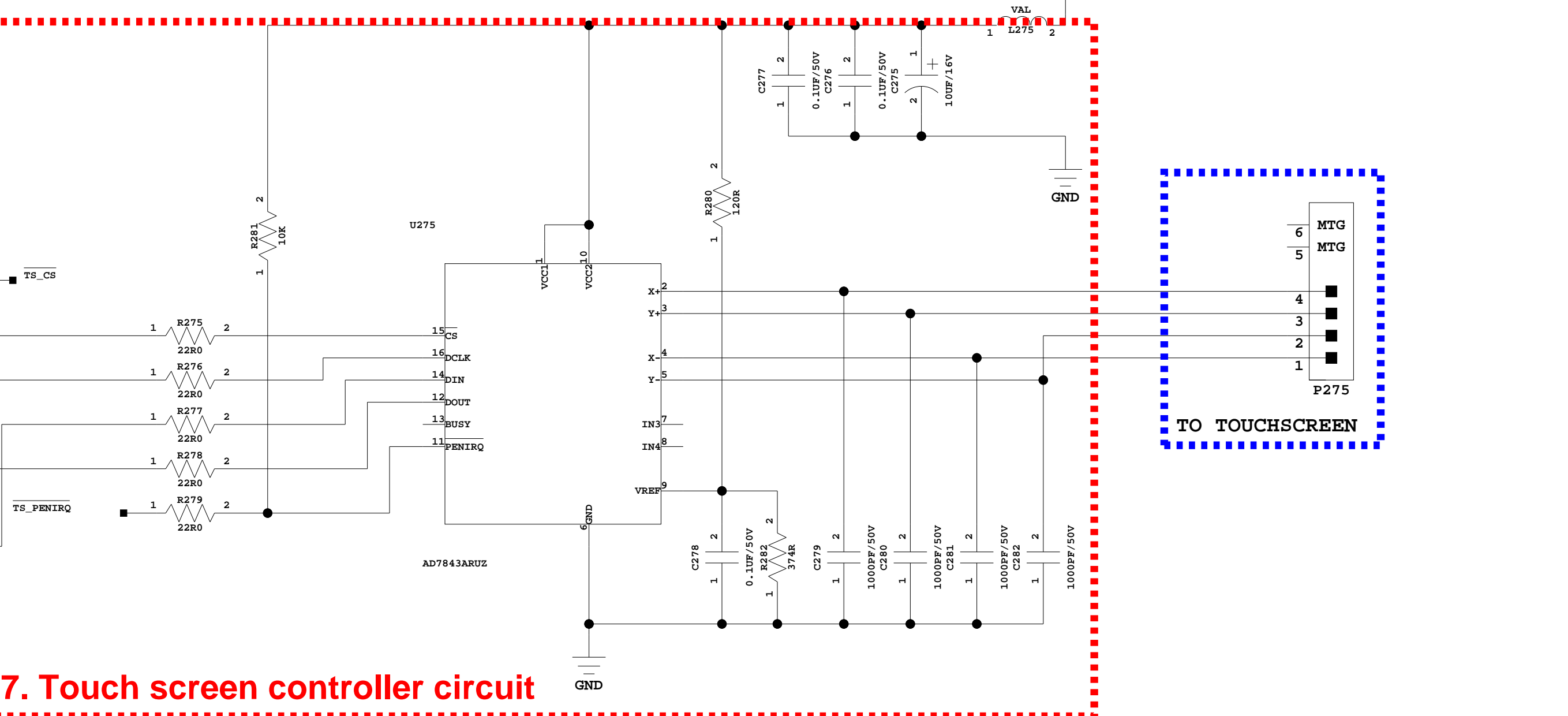
5. CAN BUS transceiver



6. CPLD for video control

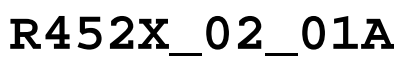


7. Touch screen controller circuit



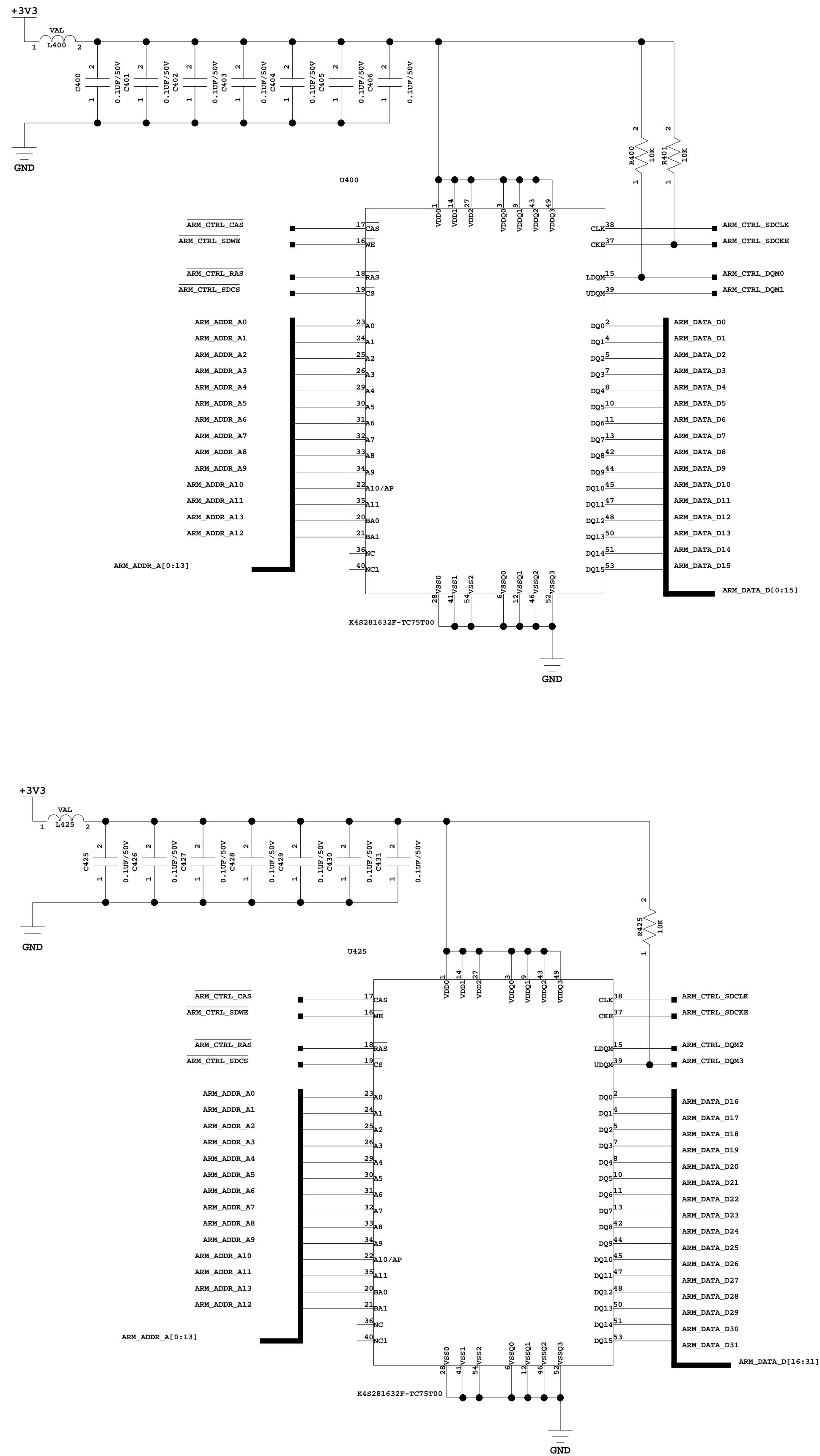
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## 9. ARM7 main microprocessor

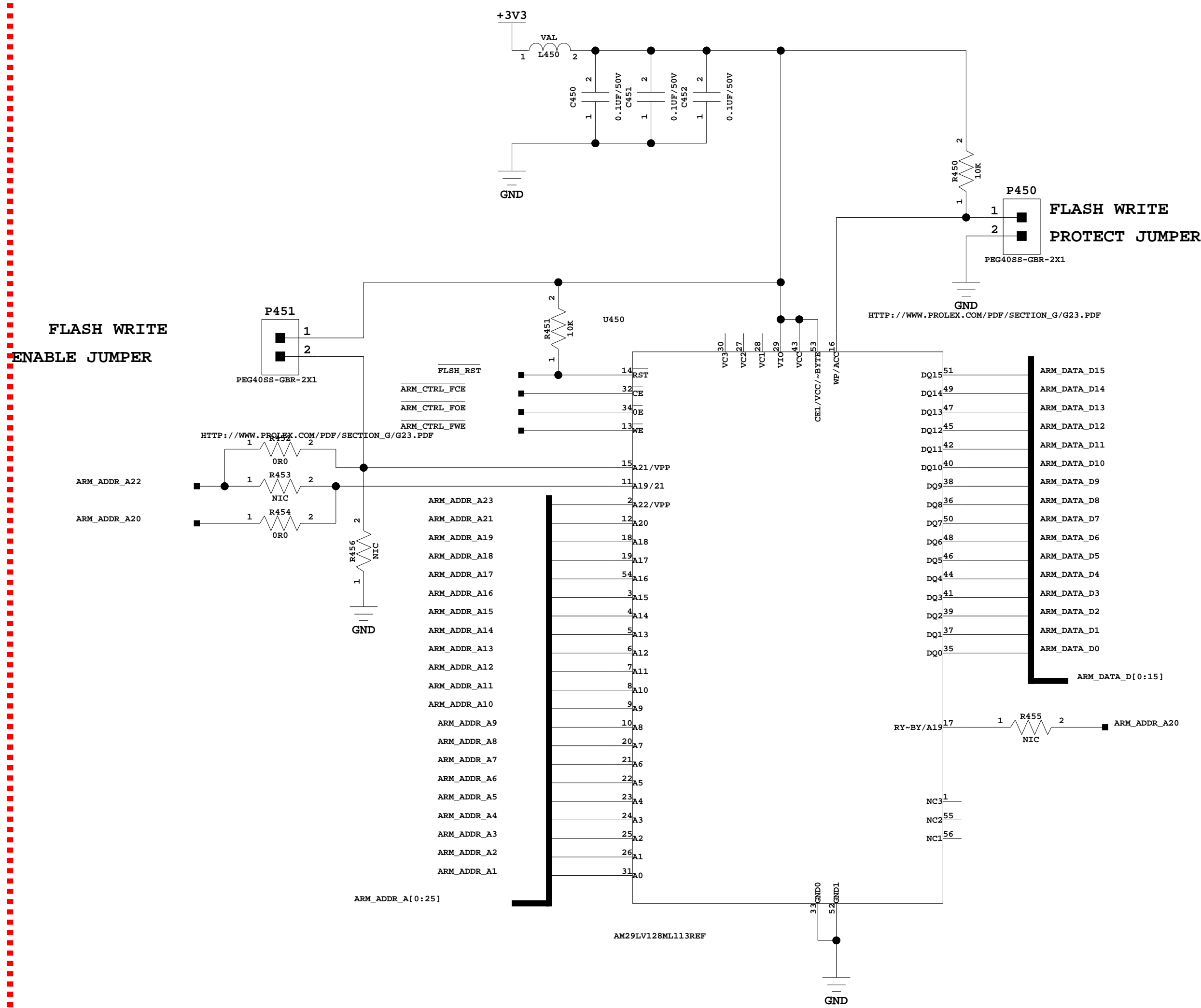




10. RAM memory for user interface processing



11. Flash memory for program storage



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D

C

B

A

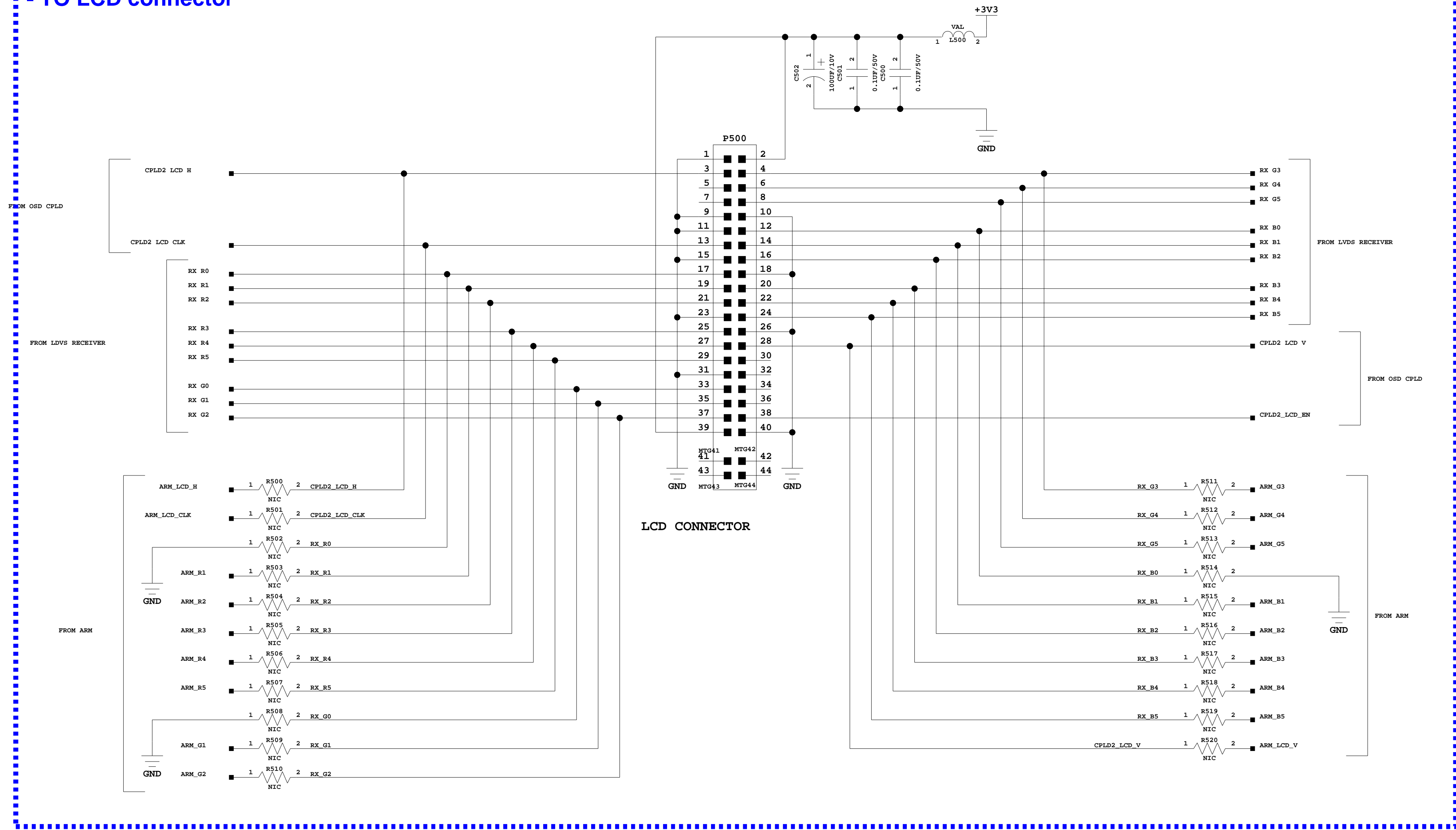
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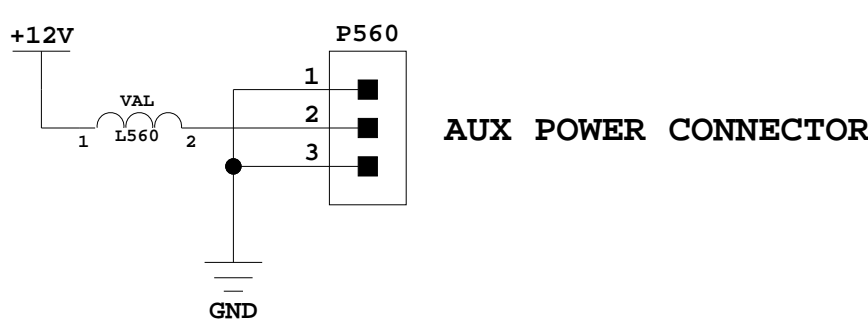
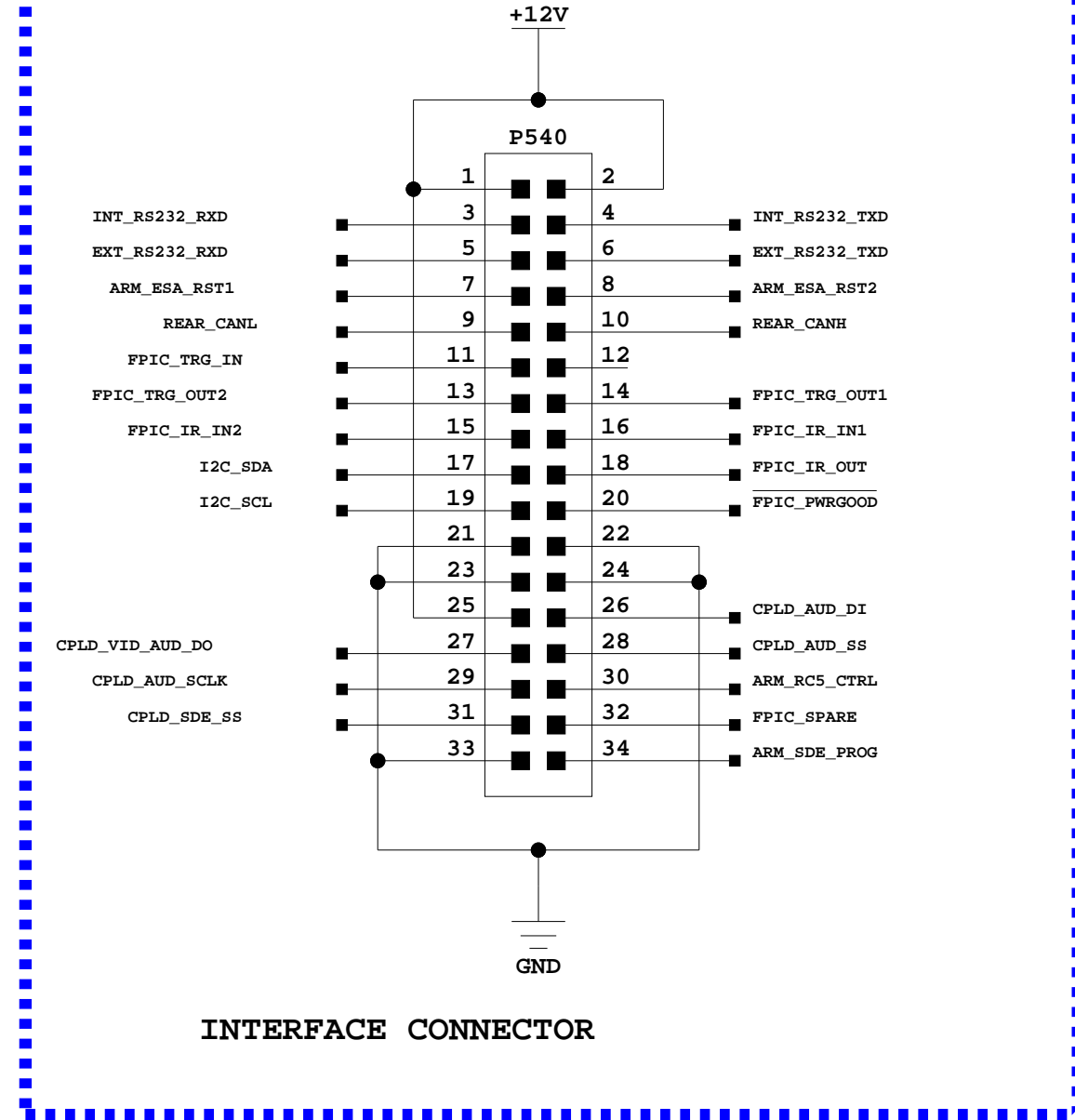
B

A

- TO LCD connector

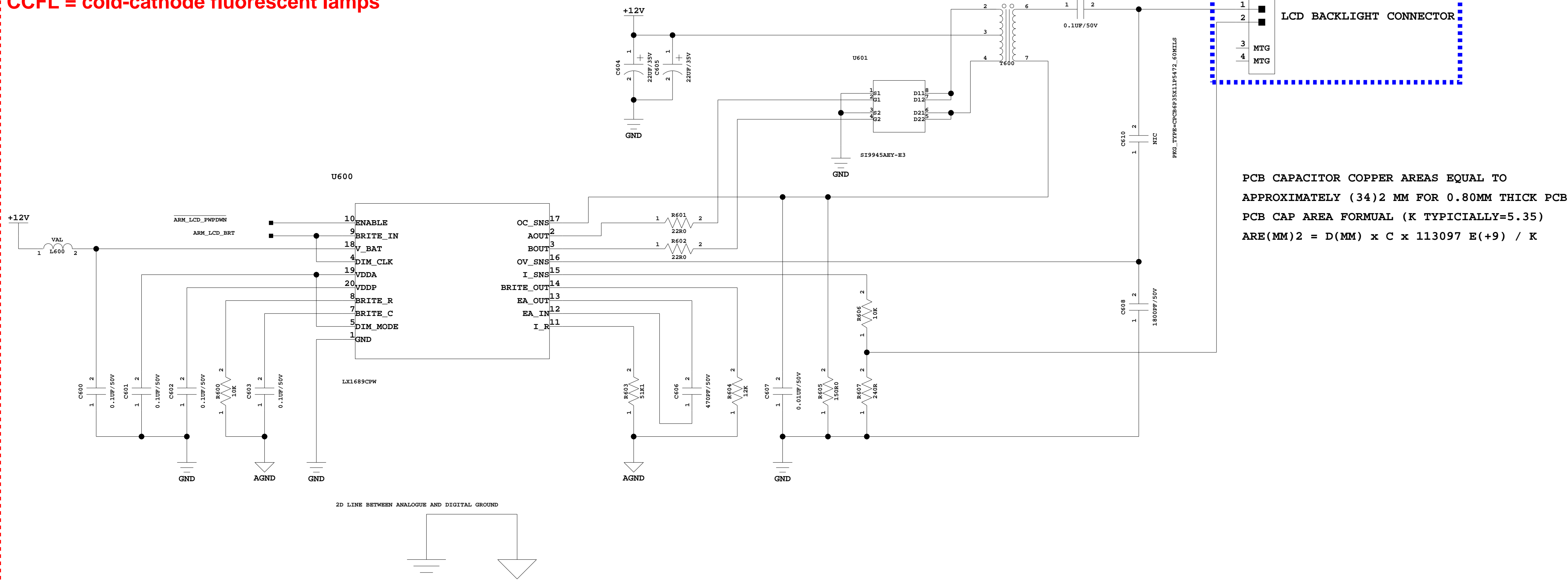


- From/TO motherboard (R6703) P103

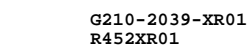
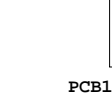
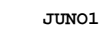
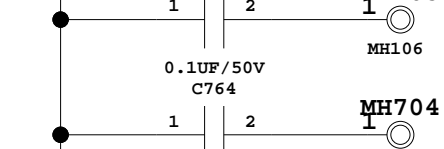
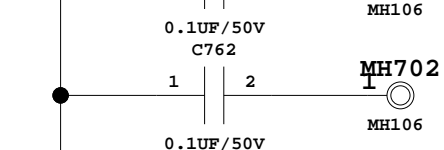
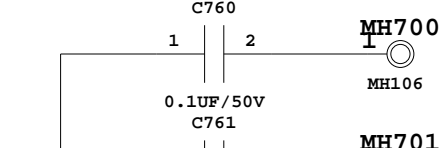
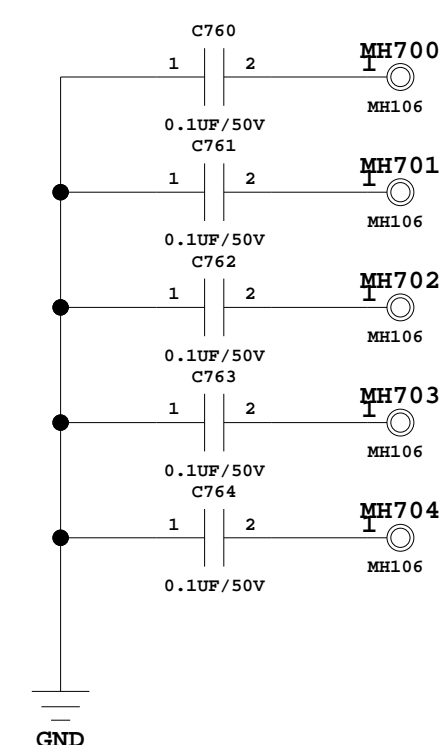
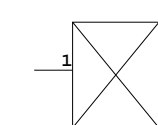
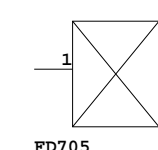
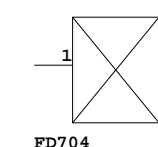
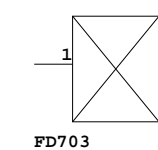
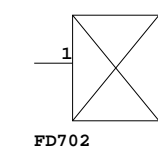
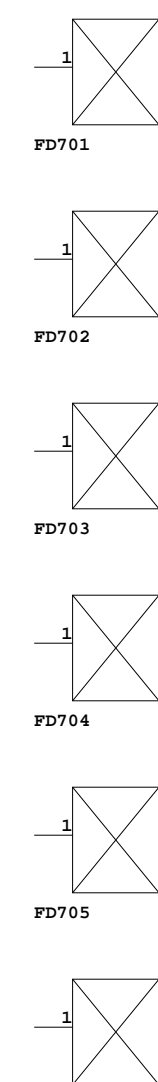
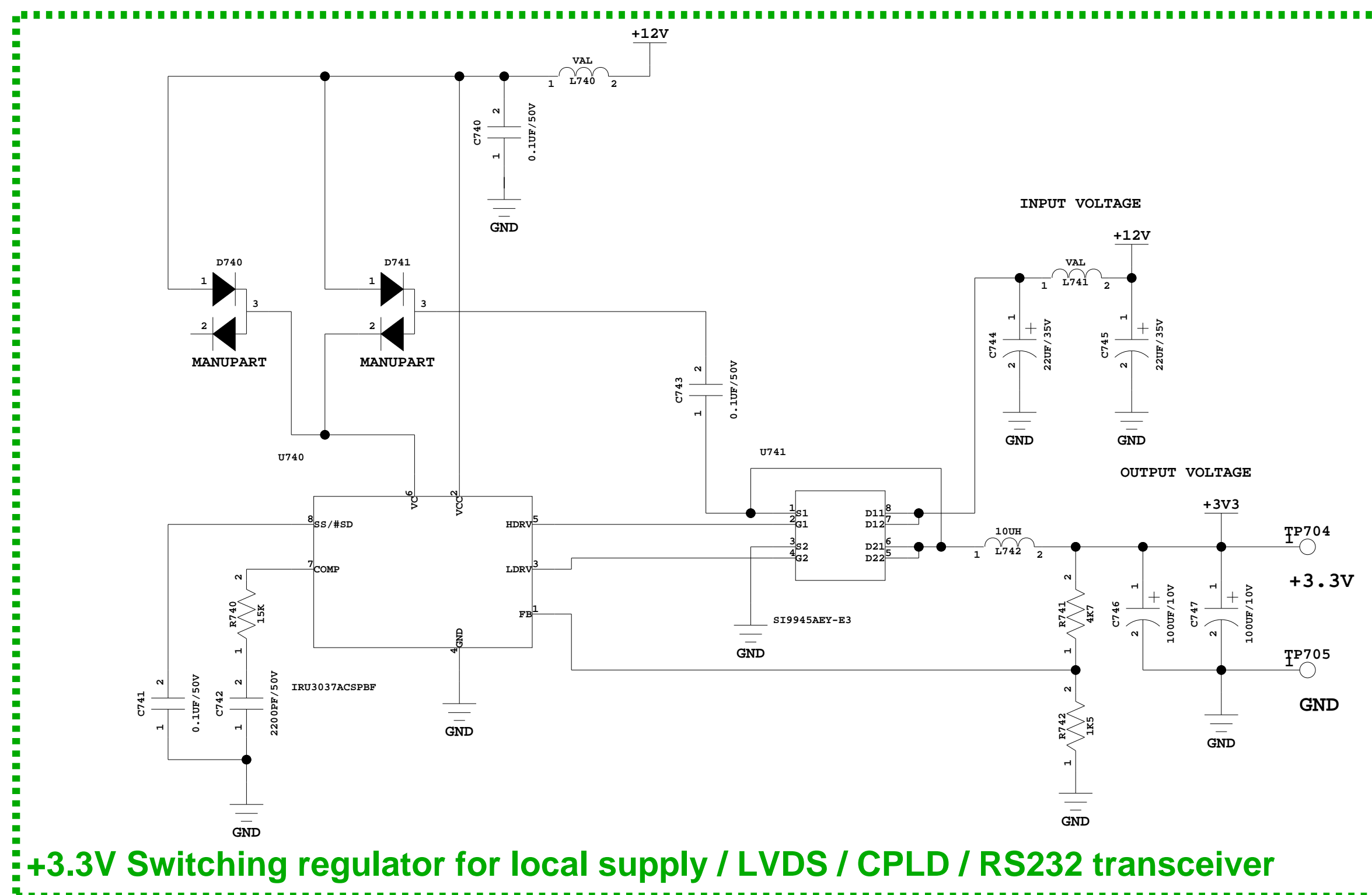
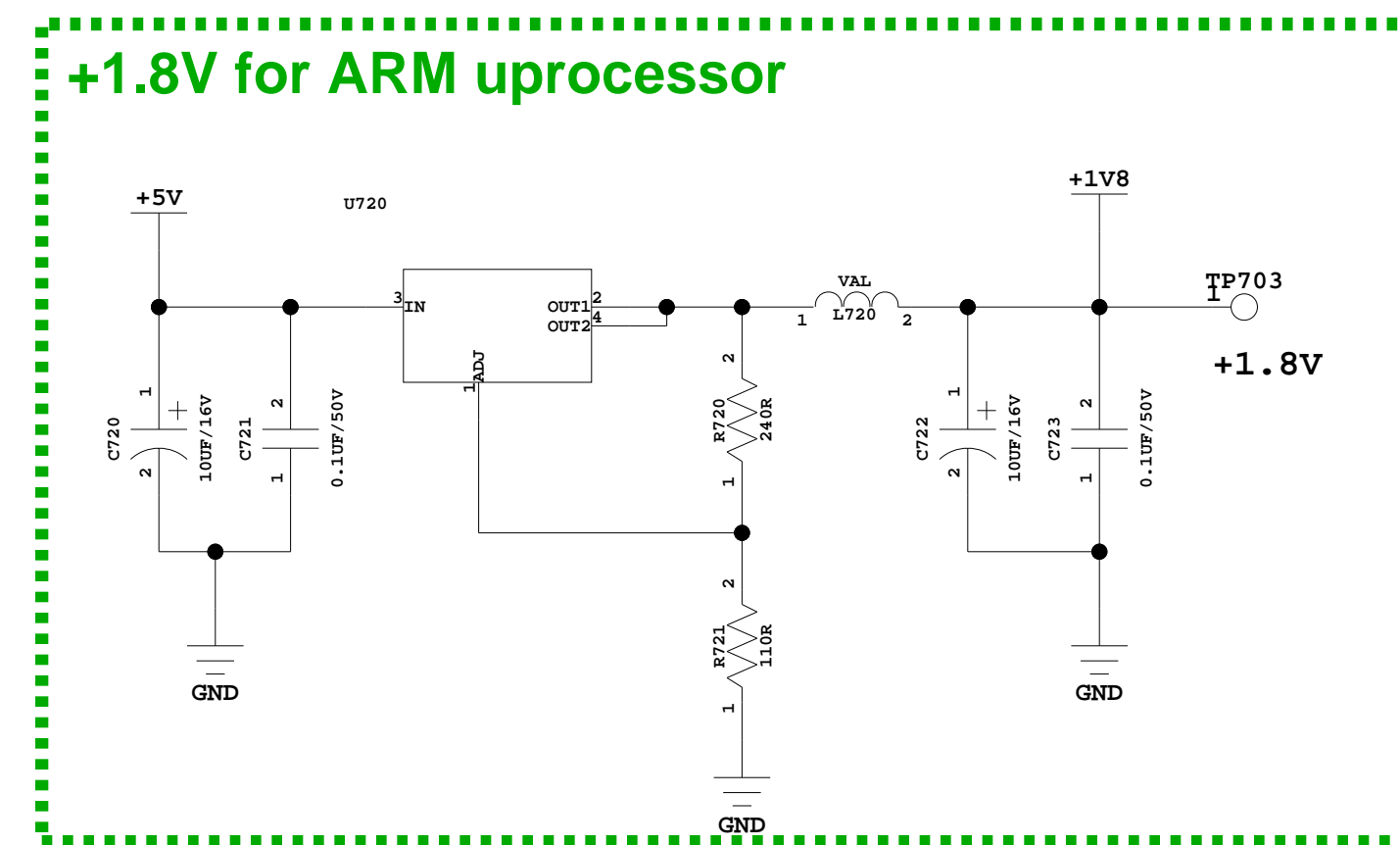
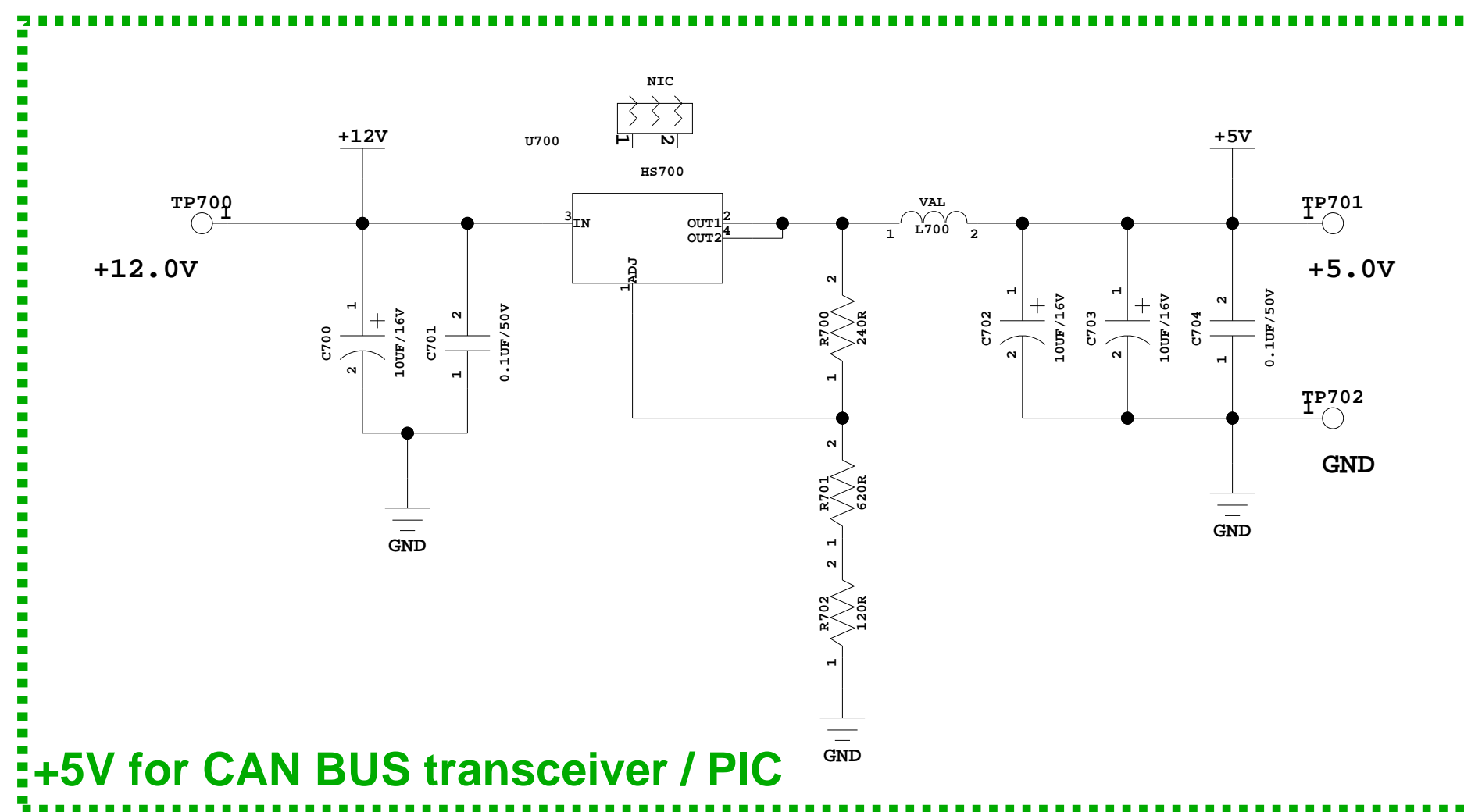


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12. Display's CCFL backlight high voltage controller  
CCFL = cold-cathode fluorescent lamps



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POWER CONSUMPTION		
+12 VDC	LCD backlight, main source supply	800 mAmps
+5 VDC	PIC, IR circuits	400 mAmps
+3.3 VDC	CPLDs, ARM CPU, memory ICs, comm ICs	1000 mAmps
+1.8 VDC	ARM CPU (PLL & core VDD)	200 mAmps

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