

NISSAN 180/240SX S13 Digital Speedometer Main Board – Hybrid IC 3

Sheet: /PowerBoard/HybridIc3/
File: HybridIc3.kicad_sch

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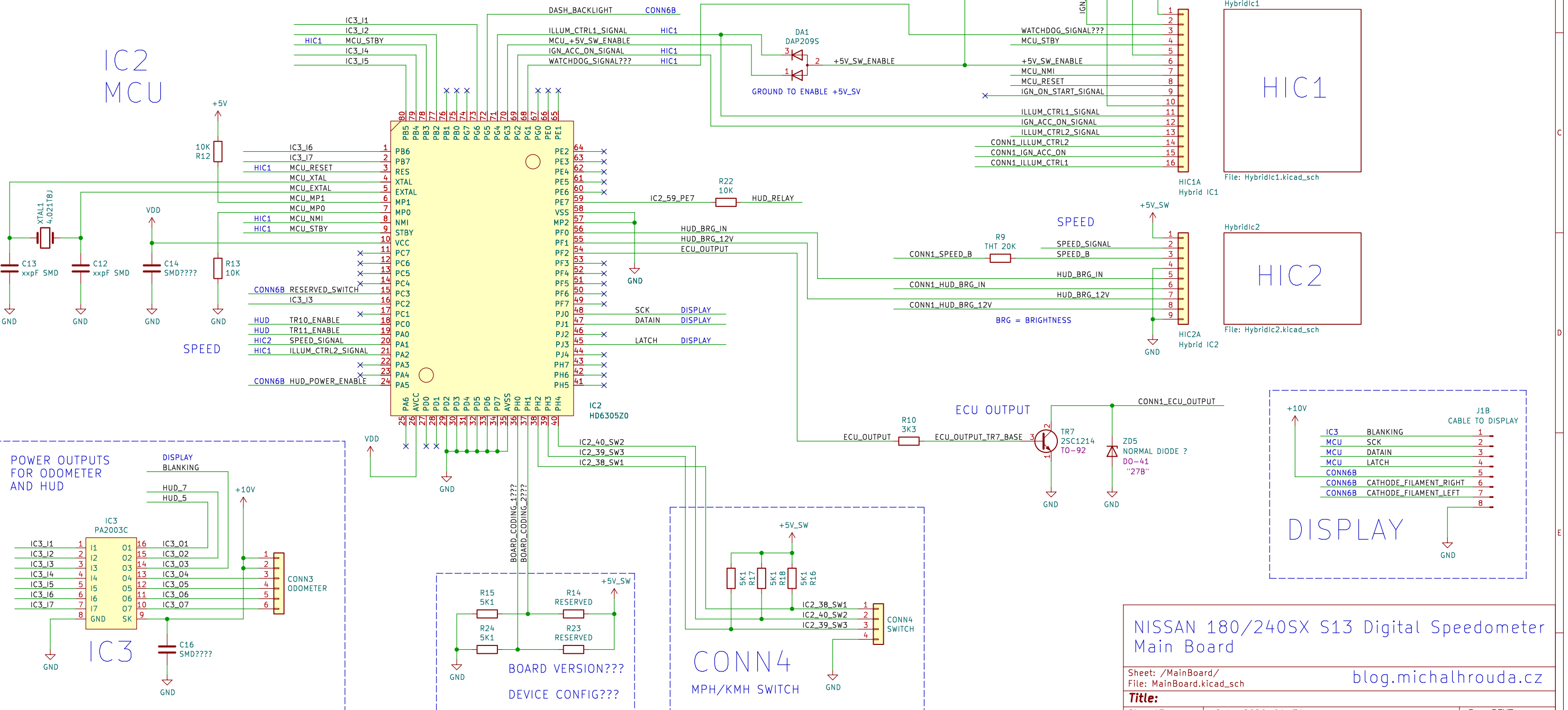
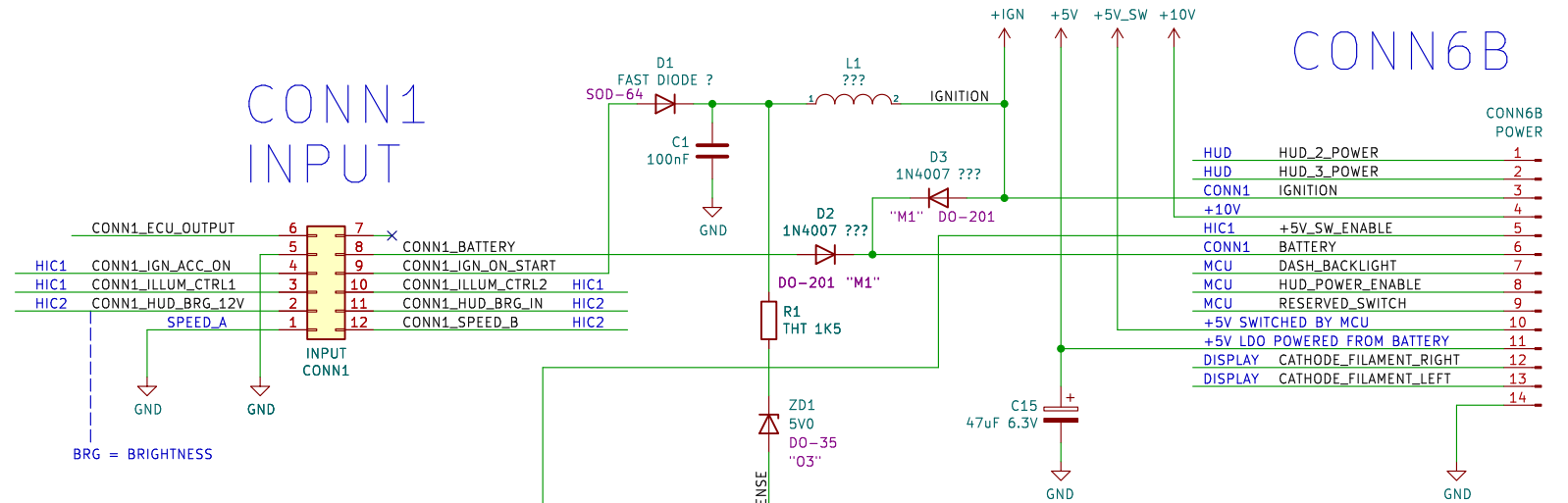
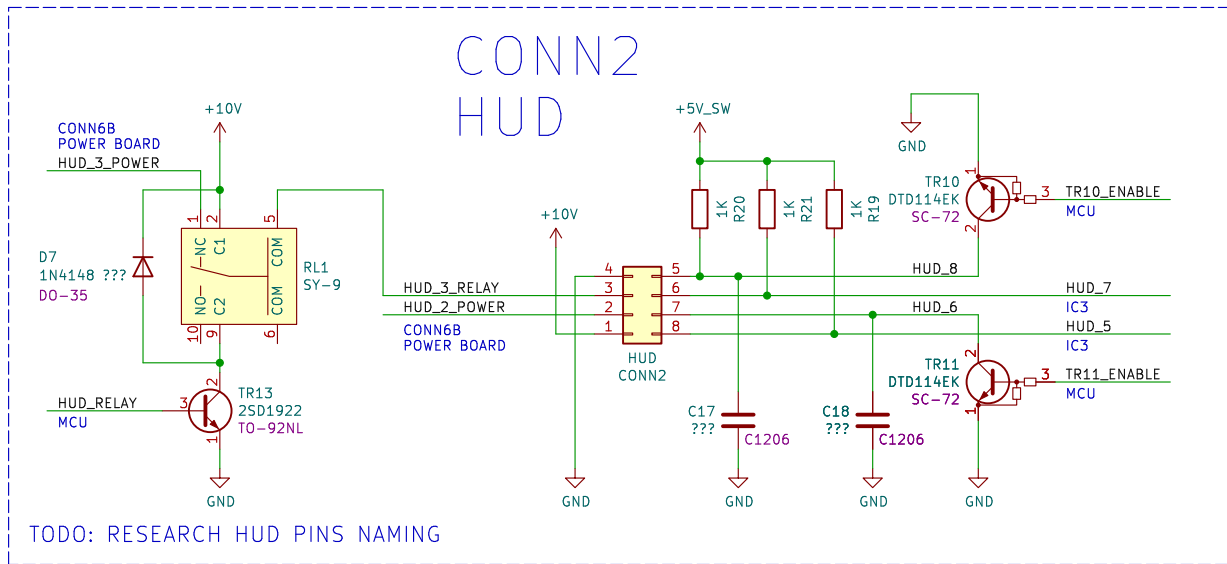
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Size: A4 Date: 2026-01-31

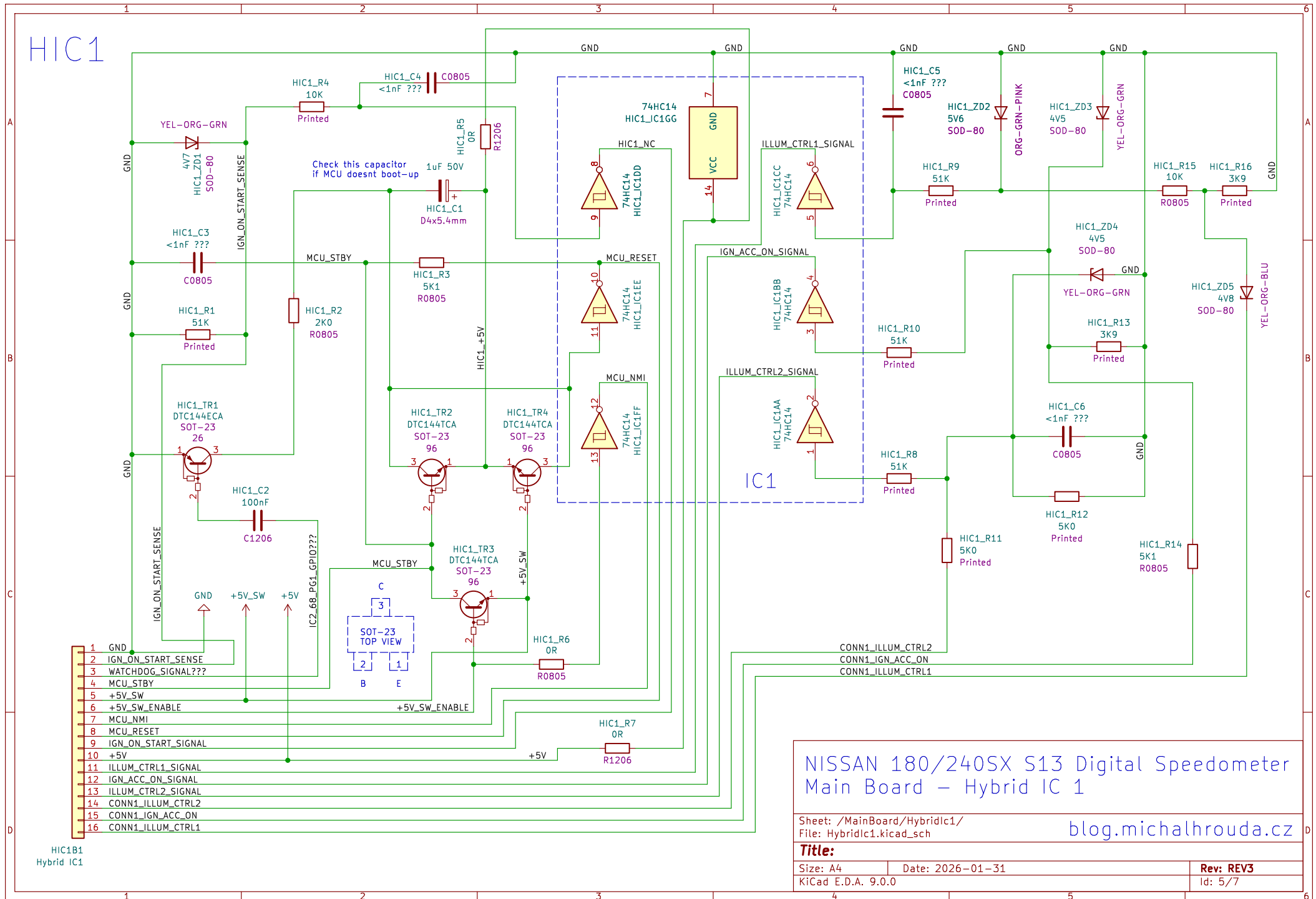
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HIC1



NISSAN 180/240SX S13 Digital Speedometer Main Board – Hybrid IC 1

Sheet: /MainBoard/HybridIc1/
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Title:

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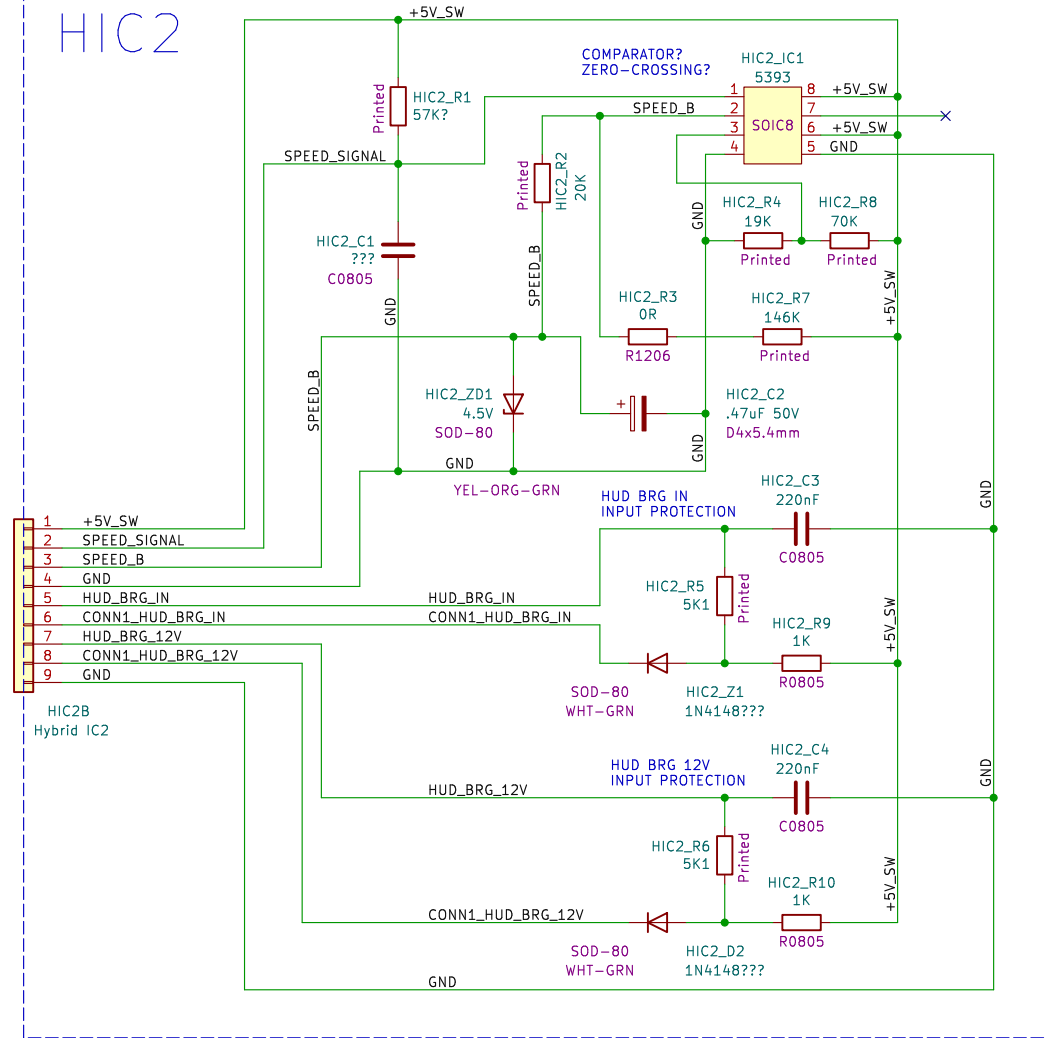
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HIC2



NISSAN 180/240SX S13 Digital Speedometer Main Board – Hybrid IC 2

Sheet: /MainBoard/HybridIc2/
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Title:

Size: A4

Date: 2026-01-31

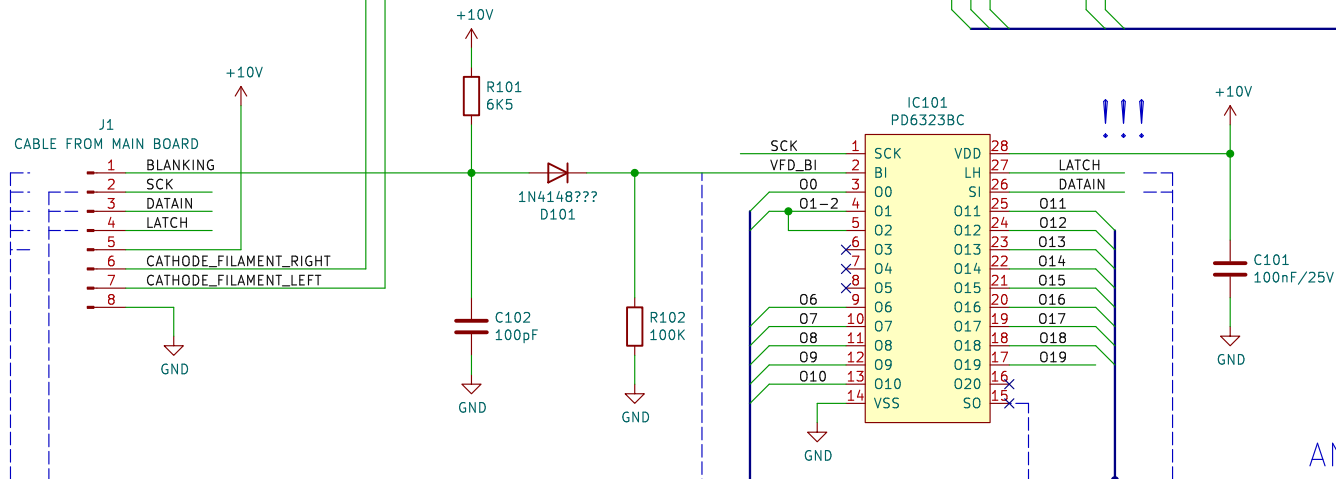
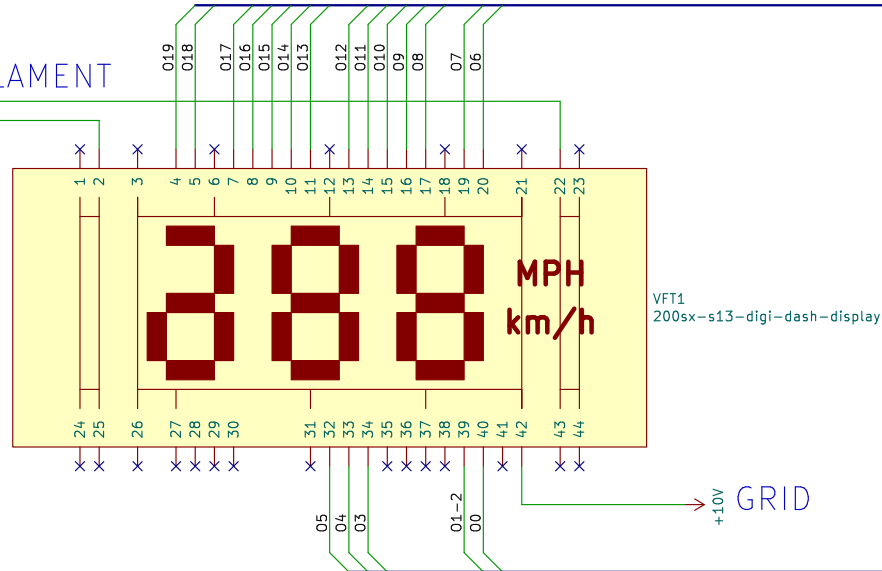
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Filament glow should be visible in the dark.
Check input current if no glow is visible.

CATHODE – FILAMENT



Blanking fall to low after power-up

Connect GND, VBAT, IGN ACC, IGN ON
and check that there are data/clock

DO NOT SHORT ANY DATA SIGNALS WITH +10V!

Short will damage IC101, CPU on main board and +10V power supply!

NISSAN 180/240SX S13 Digital Speedometer
Display Board

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Title:

Size: A4

Date: 2026-01-31

Rev: REV3

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