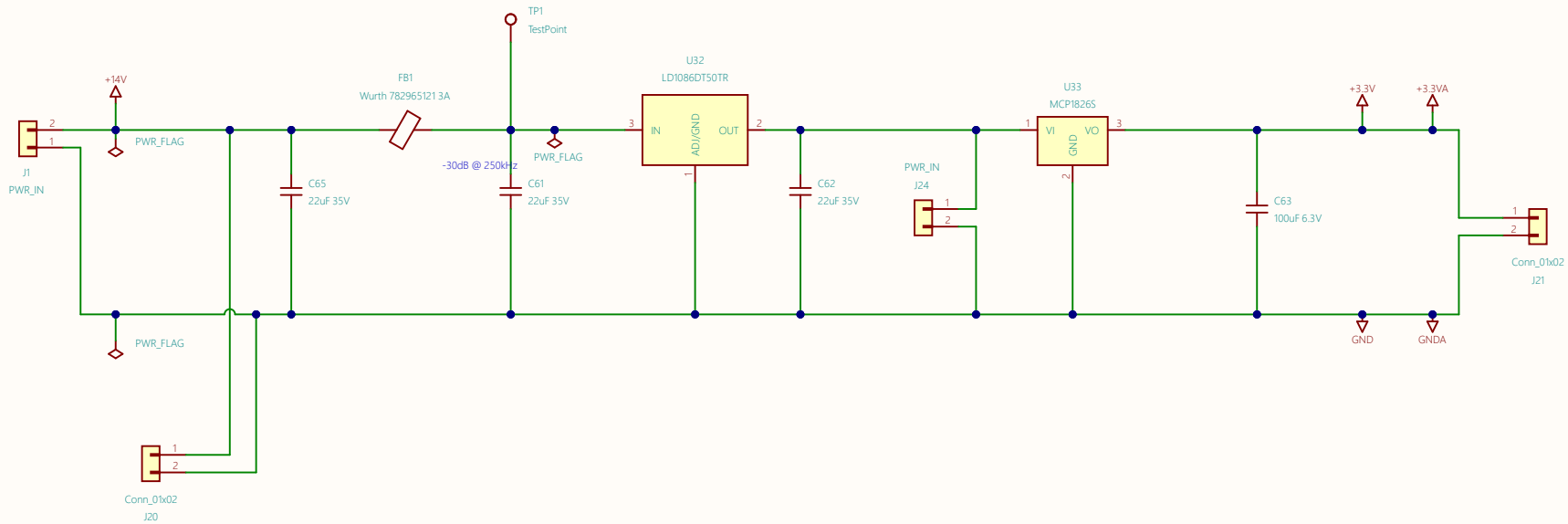


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Sheet DescriptionPower Management

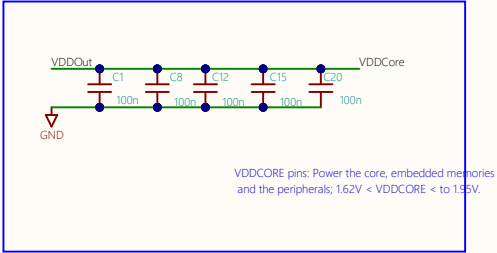
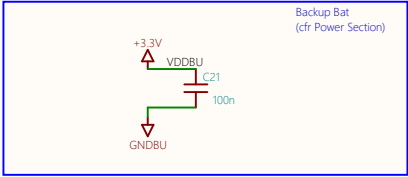
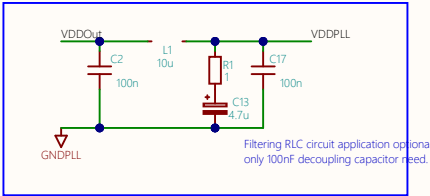
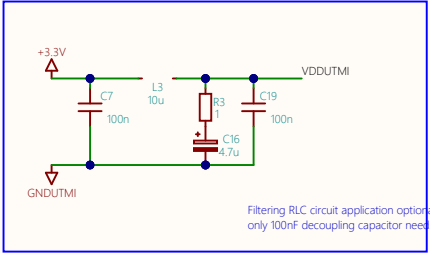
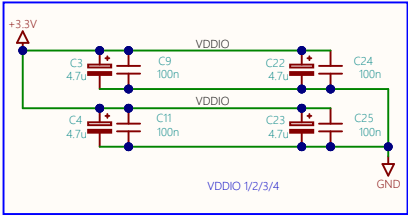
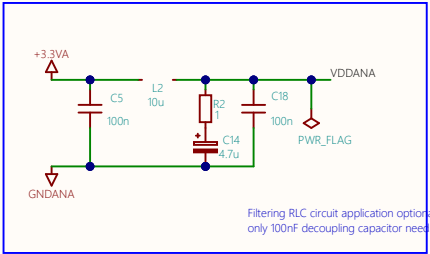
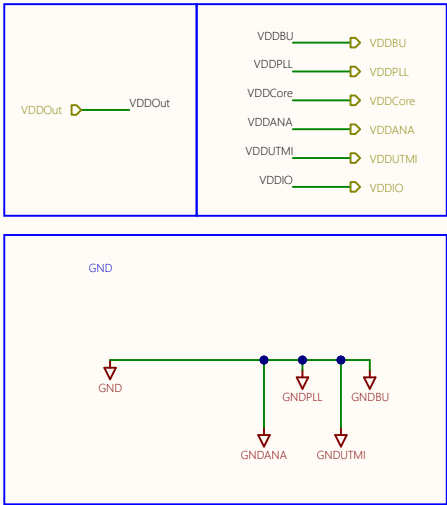
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Noninverting Comparator with Hysteresis
Output Turn On with $V_{in} > V_{ref} \cdot (R_1 + R_2) / R_2$
Output Turn Off with $V_{in} < V_{ref} \cdot (R_1 + R_2) / R_2 - V_{cc} \cdot R_1 / R_2$

E.g. In U6 $R2 = R37 = 1\text{MEG}$; $R1 = R36 = 30\text{k}$
 $V_{ref} = 2.5$, $V_{cc} = 3.3$;
 $V_{i|On} = 2.575$
 $V_{i|Off} = 2.575 - 0.099 = 2.476$



DIGITECH

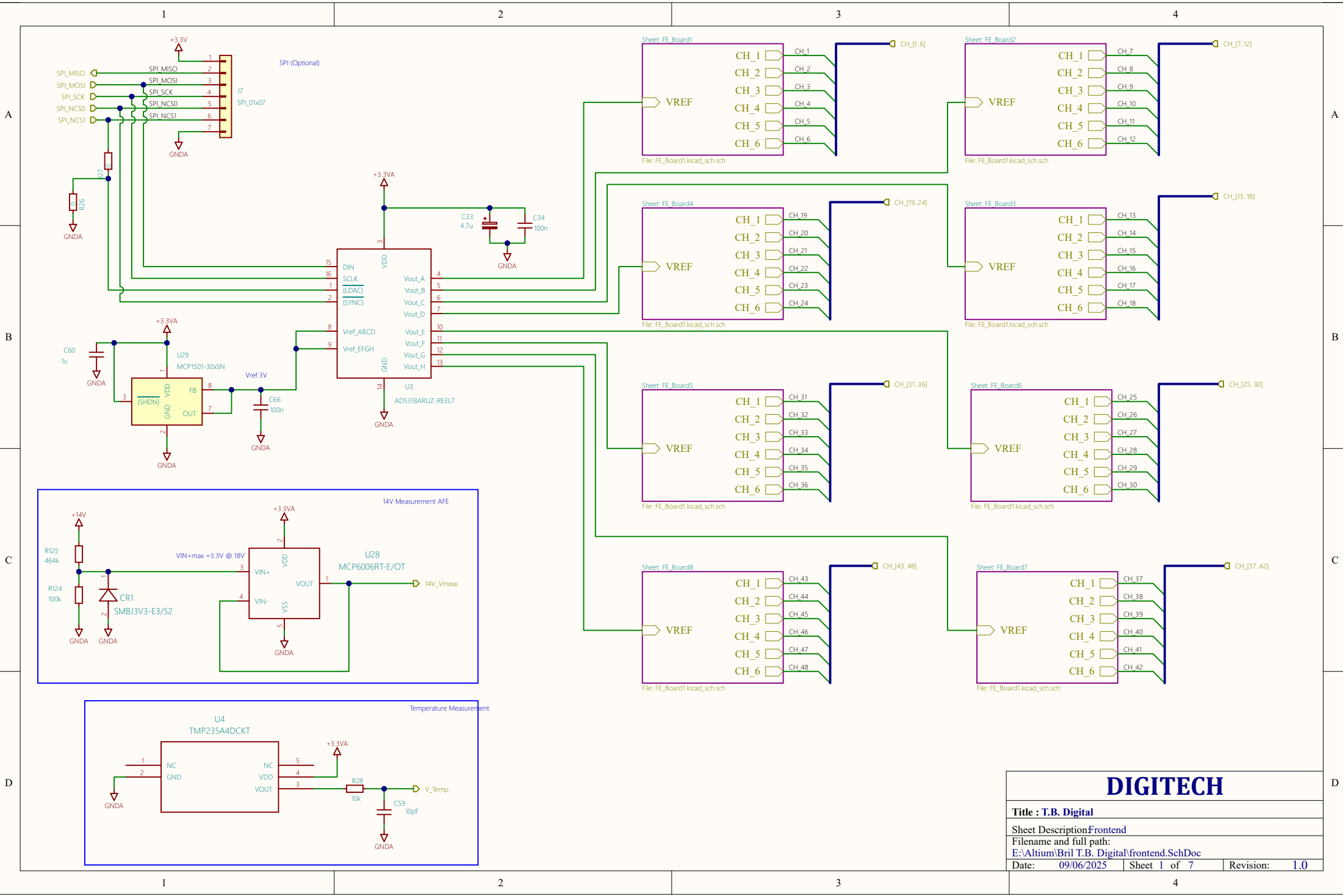
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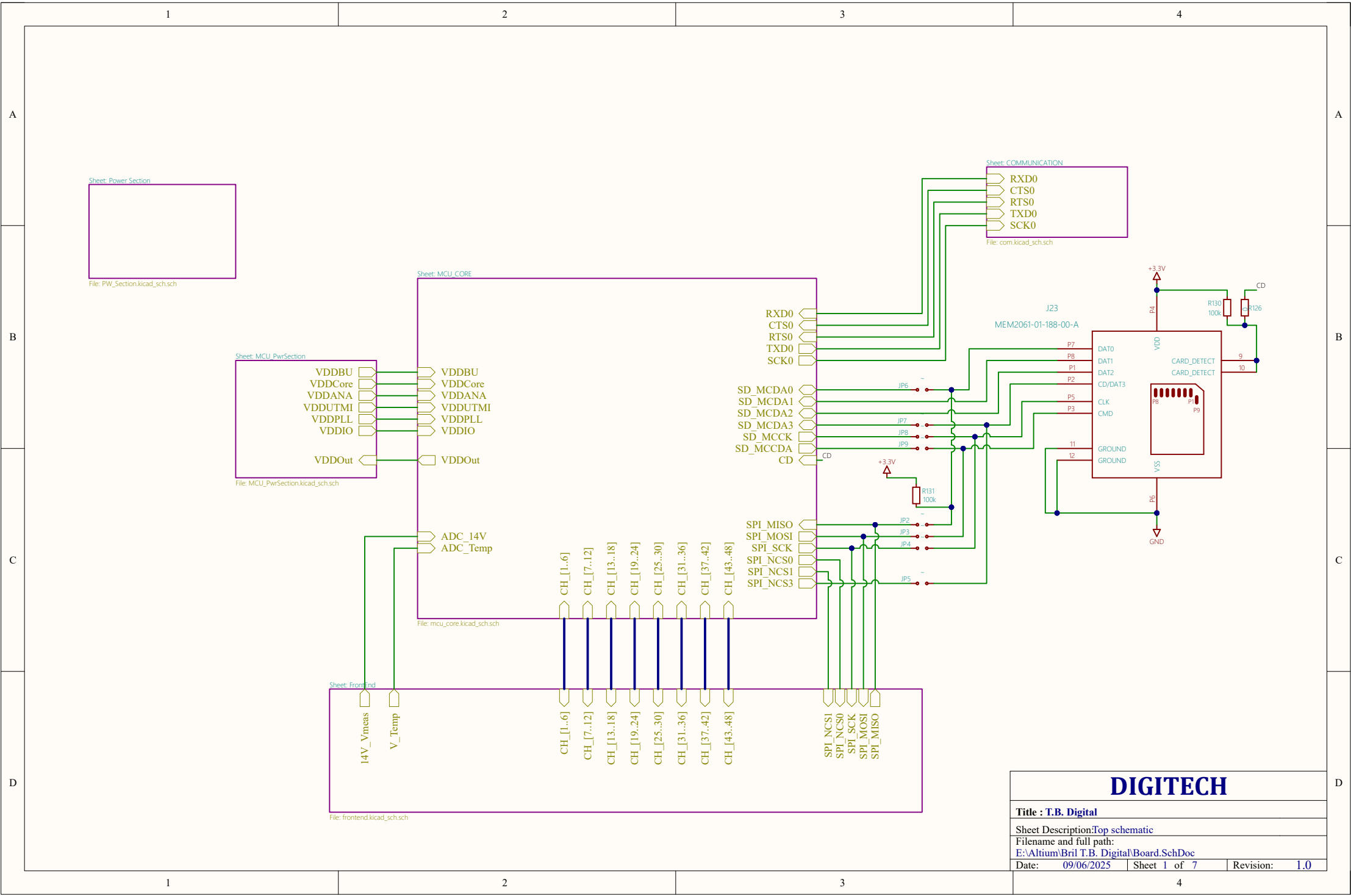
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