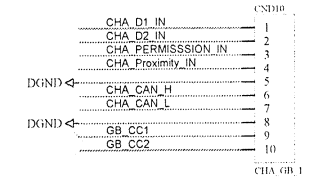
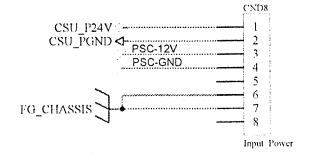
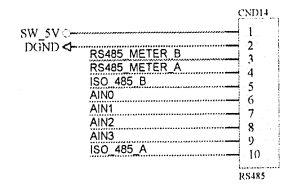
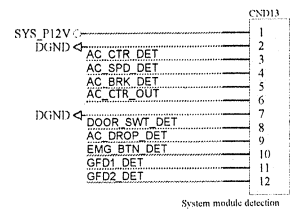
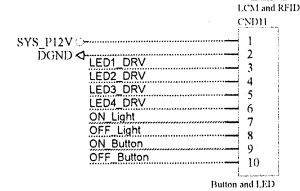
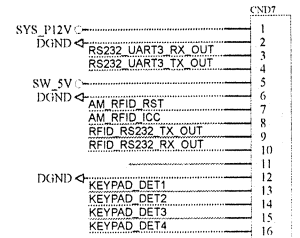
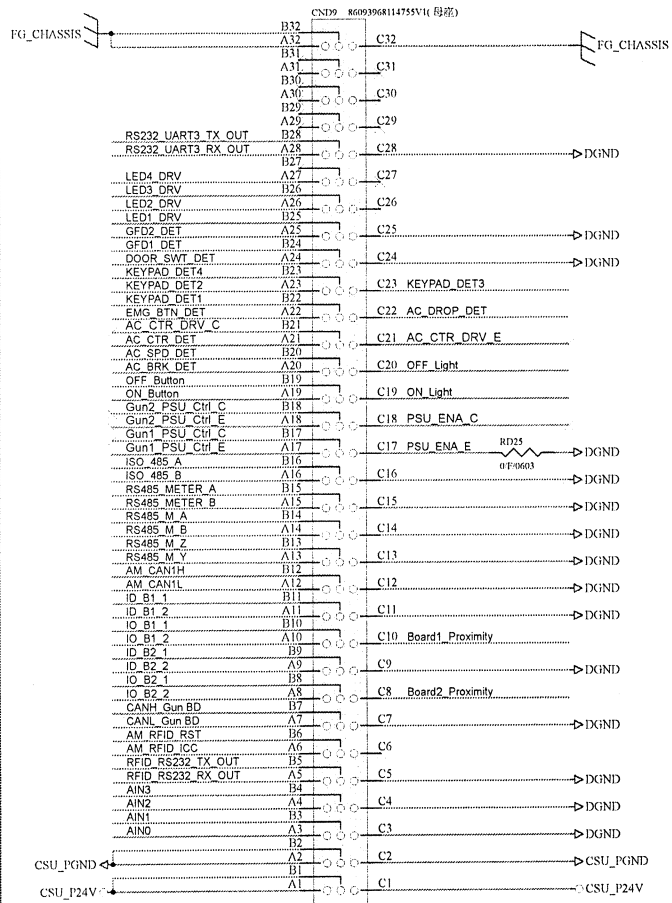
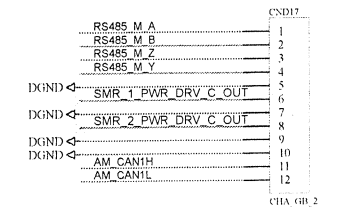
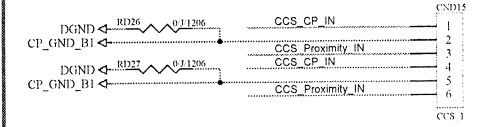


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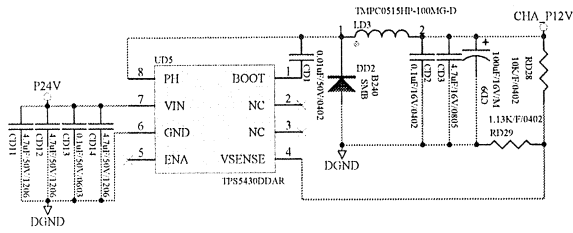
### Interface for CSU Board



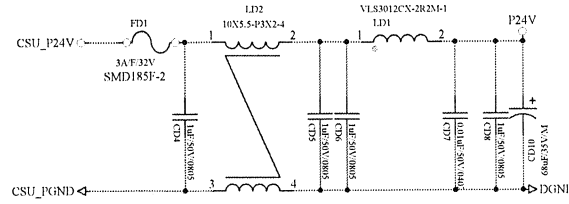
Note: D1 and D2 are function as GB A1 and A2



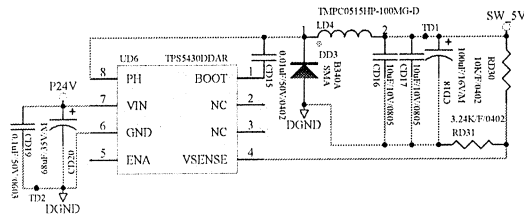
**P24V to CHA\_P12V for CHAdeMO Proximity**



$$CHA\_P12V = V_{ref} \times (1 + RD28/RD29) = 1.221 \times (1 + 10/1.13) = 12.03$$

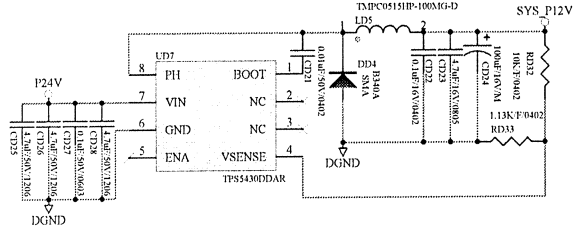


**P24V to SW\_5V CCS Proximity\_IN**

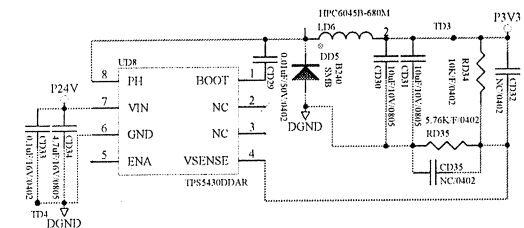


$$SW\_5V = V_{ref} \times (1 + RD30/RD31) = 1.221 \times (1 + 10/3.24) = 4.99$$

**P24 to SYS\_P12V for System Module**



$$SYS\_P12V = V_{ref} \times (1 + RD32/RD33) = 1.221 \times (1 + 10/1.13) = 12.03$$



$$P3V3 = V_{ref} \times (1 + RD34/RD35) = 1.221 \times (1 + 10/5.76) = 3.34$$

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