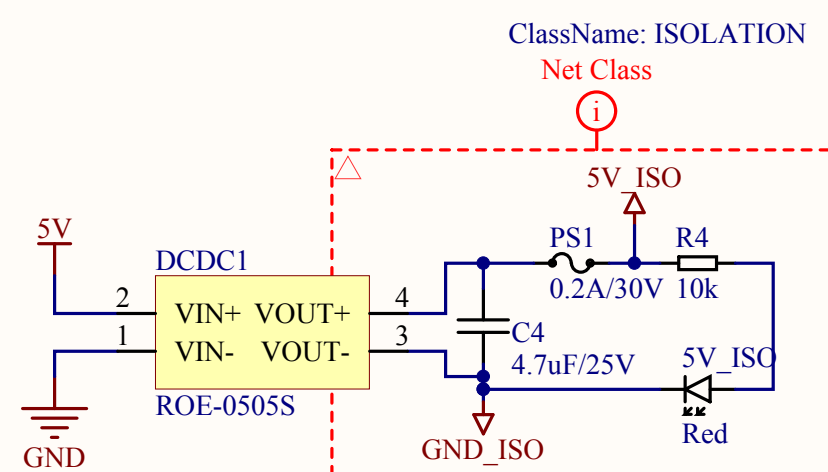
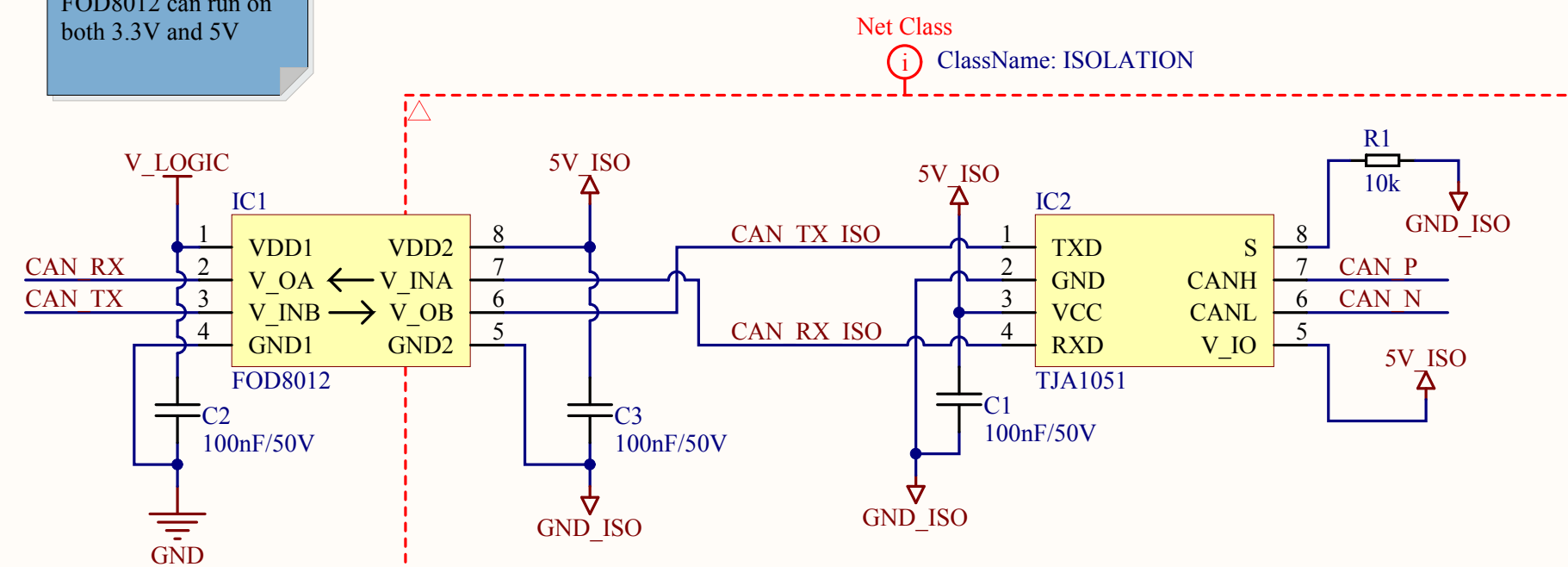


## CAN

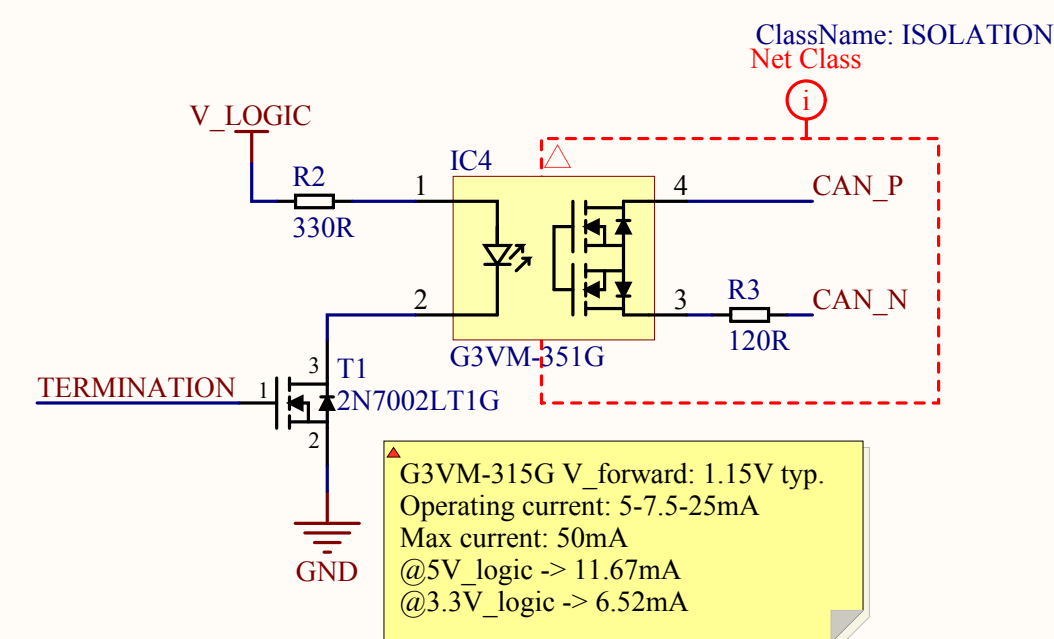
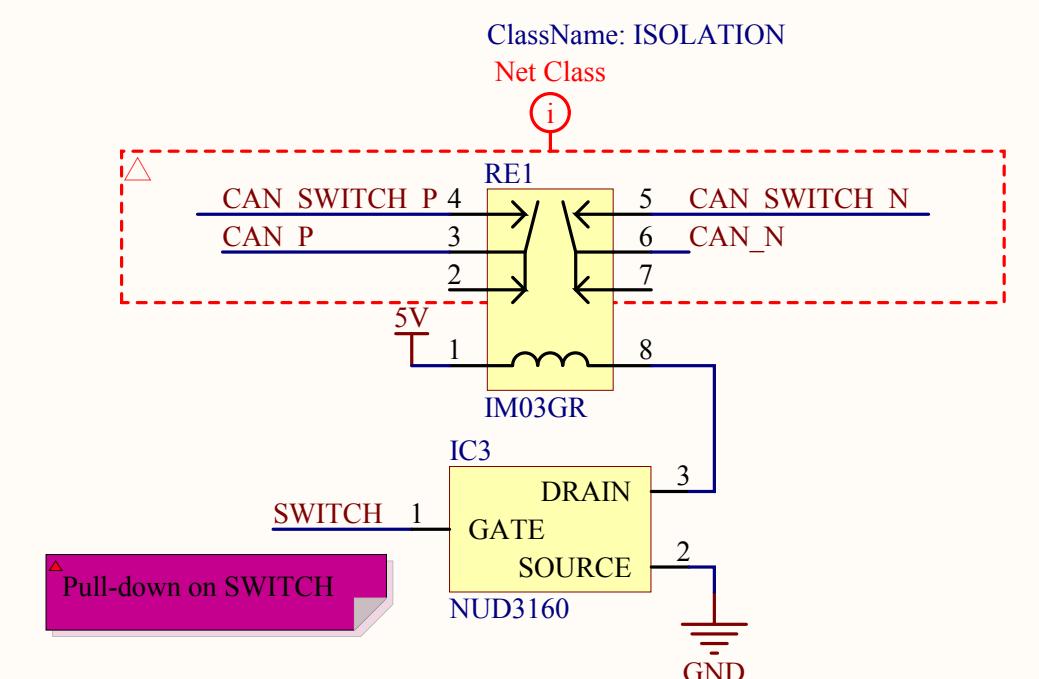
▲ FOD8012 can run on both 3.3V and 5V



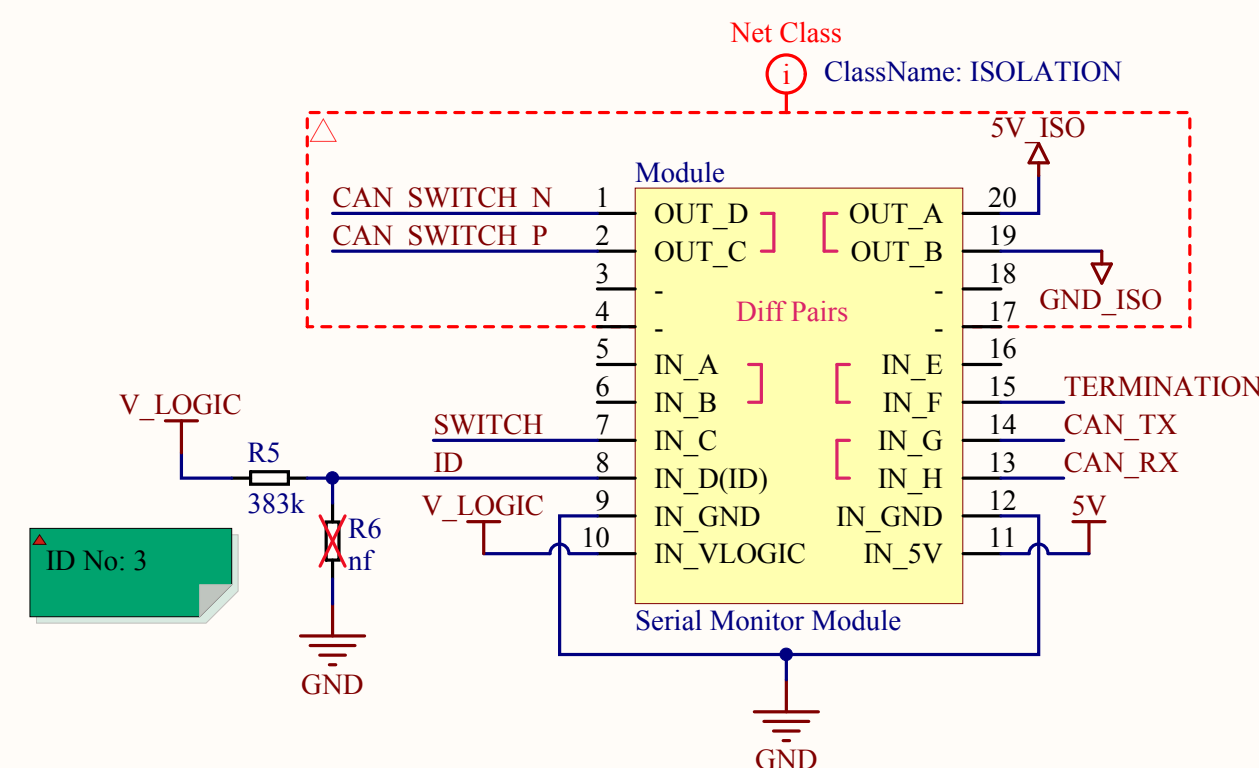
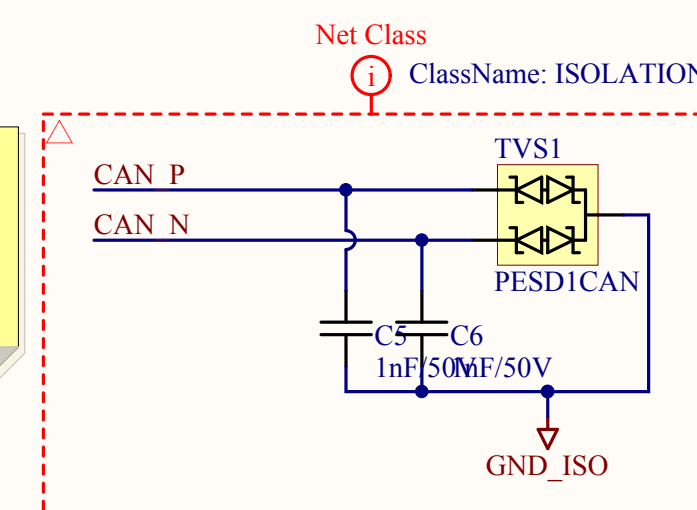
▲ Current Usage 5V\_ISO:  
FOD8012: 8 mA\_max  
TJA1051: 70mA  
= 78 mA\_max

ROE-0505S 200mA out max  
-> 200-78 = 122 mA left

▲ Add load resistor on 5V\_ISO to better output voltage at standby



▲ The capacitors at the connector are used for ESD protection. Together with the resistance in the cable (1 to 2 ohm) they create a RC low pass filter with cut-off frequency of 15979.5 MHz which should work fine for this situation.



Title: CAN Module		
Size: A3	Number: 1	Revision: Rev 1
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