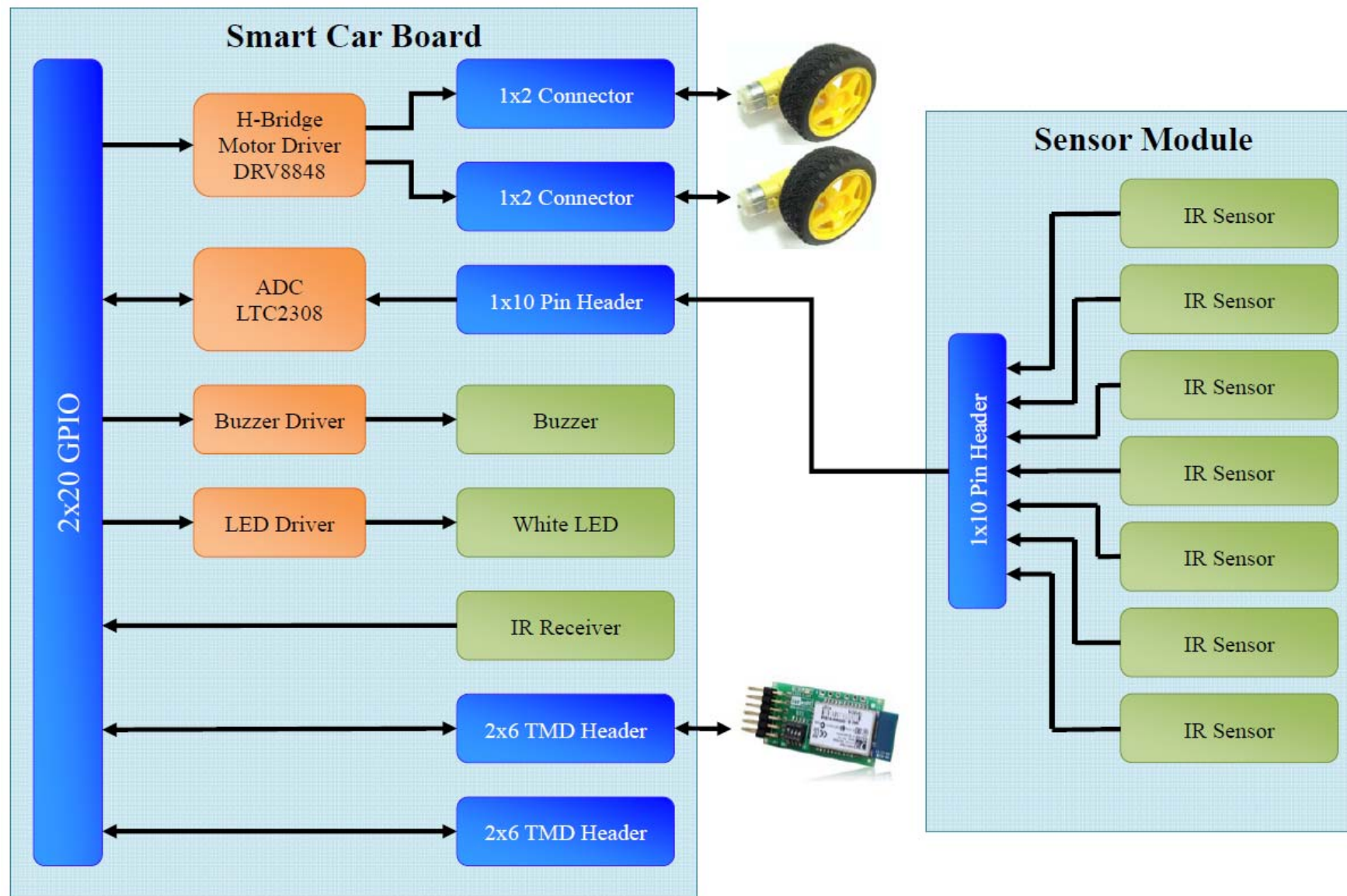
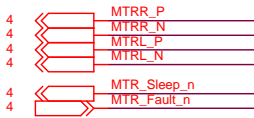


Smart Car Daughter Card

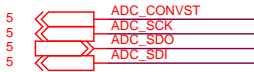
PAGE	CONTENT	PAGE	CONTENT
1	Cover Page		
2	Block Diagram		
3	Power and GPIO / TMD Header		
4	Motor Driver, IR Receiver, LED Lamp, Buzzer		
5	ADC : LTC2308		
6	Reflectance sensors		
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Motor Interface



ADC Interface



IR Receiver



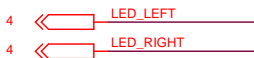
Buzzer



Sensor LED



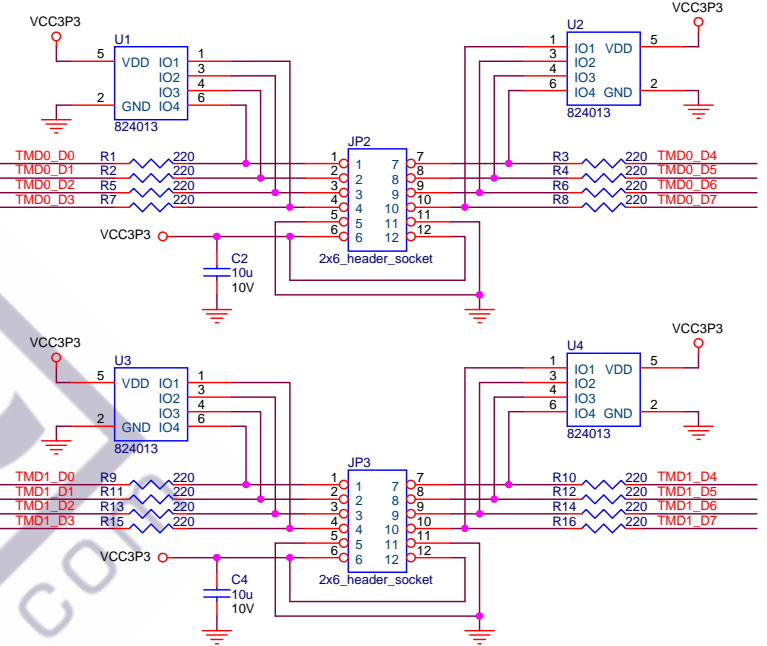
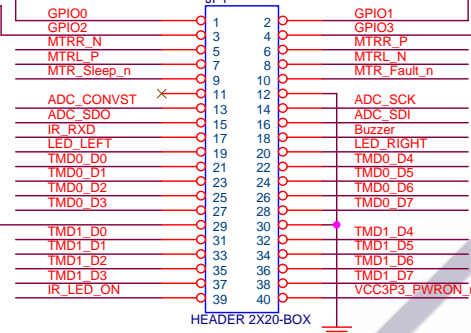
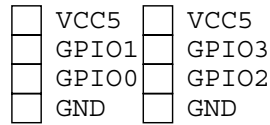
LED



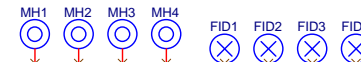
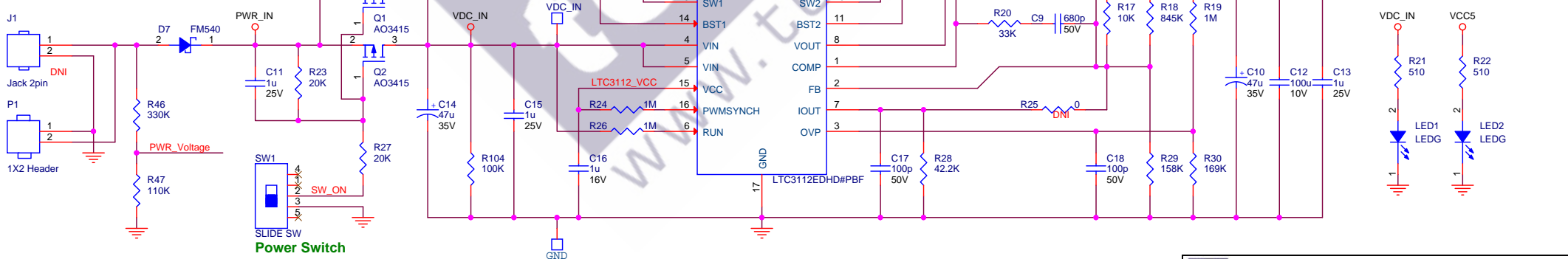
Voltage Measurement



Test Point Position



DC Input Range : 3.3V ~ 12.0V for DRV8848



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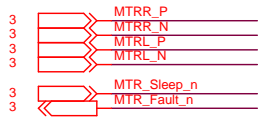
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Title: Smart Car Daughter Card

Size B Document Number GPIO and Power Rev A6

Date: Thursday, June 02, 2016 Sheet 3 of 6

Motor Interface



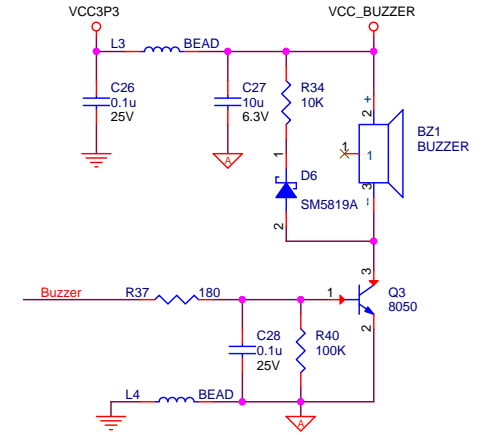
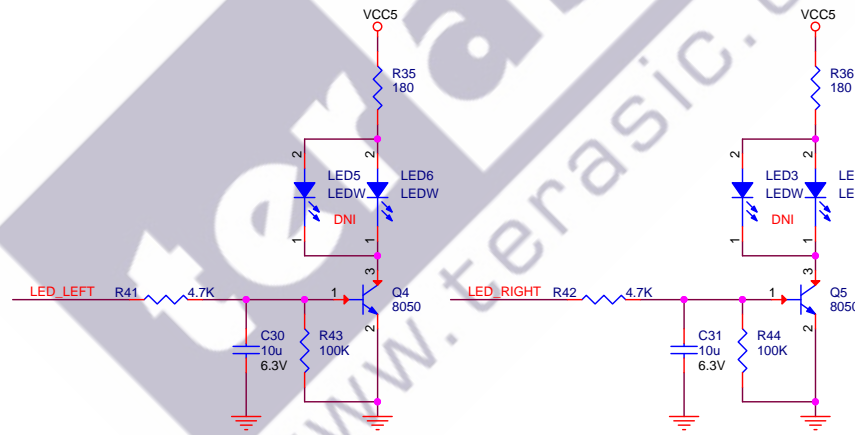
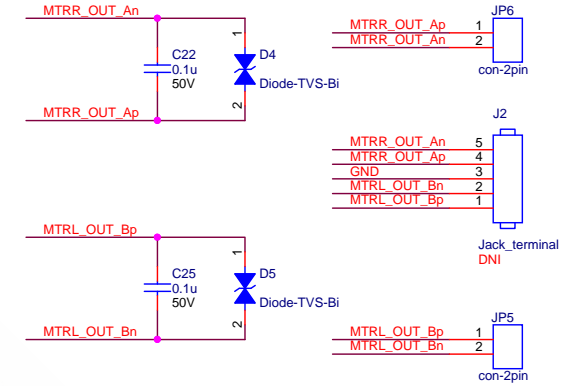
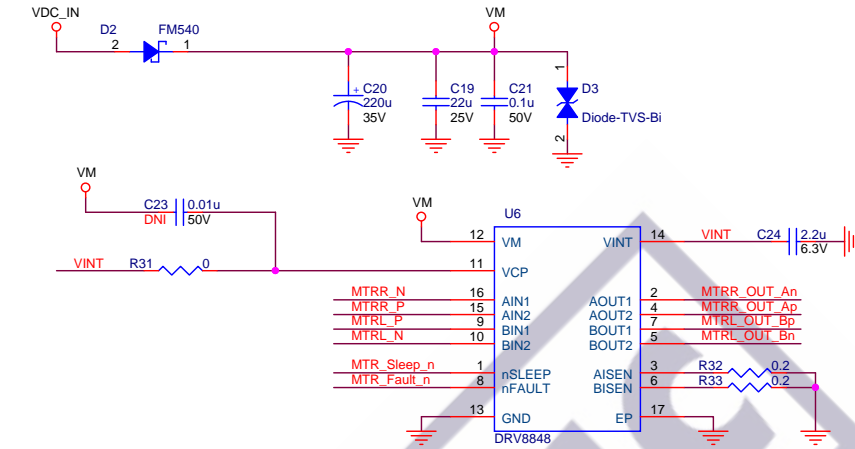
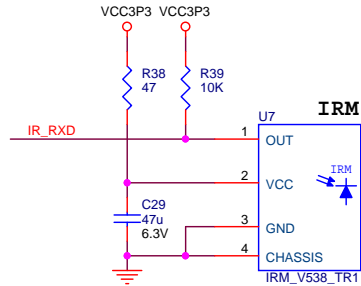
Buzzer



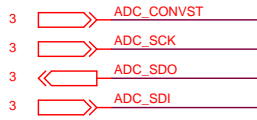
IR Receiver



LED



ADC Interface



Voltage Measurement



Sensor LED

