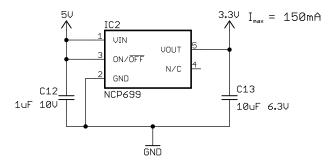
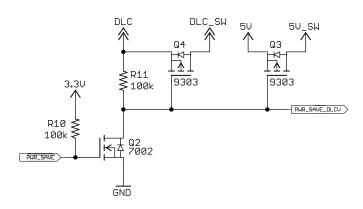
#### Input Protection Filter Connector DLC\_RAW DLC DLC DLC\_SW DLC\_RAW DLC $I_{hold}$ = 200mA $I_{trip}$ = 400mA D1 CN1 CN2 H PWR\_SAVE S2A C1 + PWR\_SAVE\_DLCV C3 47uF 25V 1 0.1uF 25V PWR\_SAVE\_DLCV CN3 GND GND GND 5V\_SW 5V\_SW 3.3V 3.3V 3.3V\_SW 3.3V\_SW 5V 5V GND GND CN6 5V Power Supply DLC .C5 C4. 1uF 25V 0.1uF 25V IC1 GND VCC С6 ≹R1 **0.**025 \_ 100pF SENSE SYNC/MODE GATE Q1 9303 GND $I_{\text{max}} = 1.5A$ I<sub>0</sub>= 40uA RSET R2 130k ≸ C8 1N5819 100pF `47uF 10V -10uF 10V ≹R4 105k GND R3 50 ₹ GND GND PAD GND VFB LTC3824 ≹R5 20k OBD Solutions 20k ¥R6 ¥15k GND C10\_ GND Title: 0.1uF Rev: C11 STM-P-05 1.5/E GND \_ 1nF Description: GND OBD Power Module Sheet: © 2015 OBD Solutions 2015-04-30 5:54:38 PM 1/2

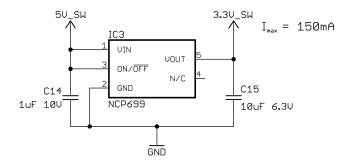
## 3.3V Power Supply



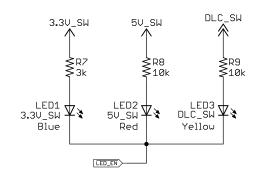
Switched Power Control



### 3.3V\_SW Power Supply



#### LEDS



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