

PDU

POWER DISTRIBUTION UNIT

File Name	Page	Description
Title.SchDoc	1	
Microcontroller.SchDoc	2	ATmega16M1 microcontroller and peripherals
Drivers.SchDoc	3	High-side load switches
Connectors.SchDoc	4	Connectors and mechanical components

Revision	Date	Remarks
0	2015-11-18	Initial 3 output design
1	2015-11-27	Added 4 additional outputs, 2 analog inputs, split schematic into 3 sheets
2	2015-12-06	Removed starter driver, replaced current sense resistors with 0603 package, tuned microcontroller pinout
3	2015-12-07	Added input protection

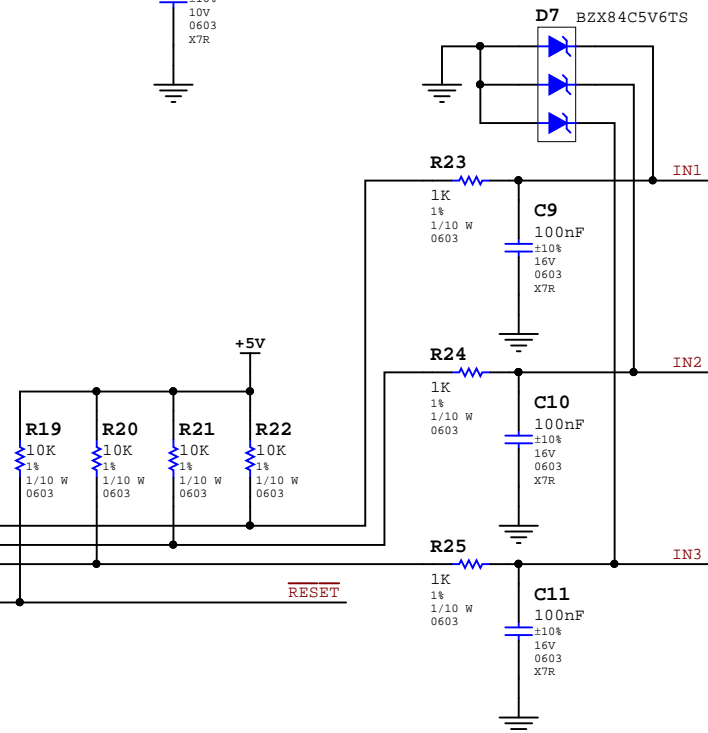
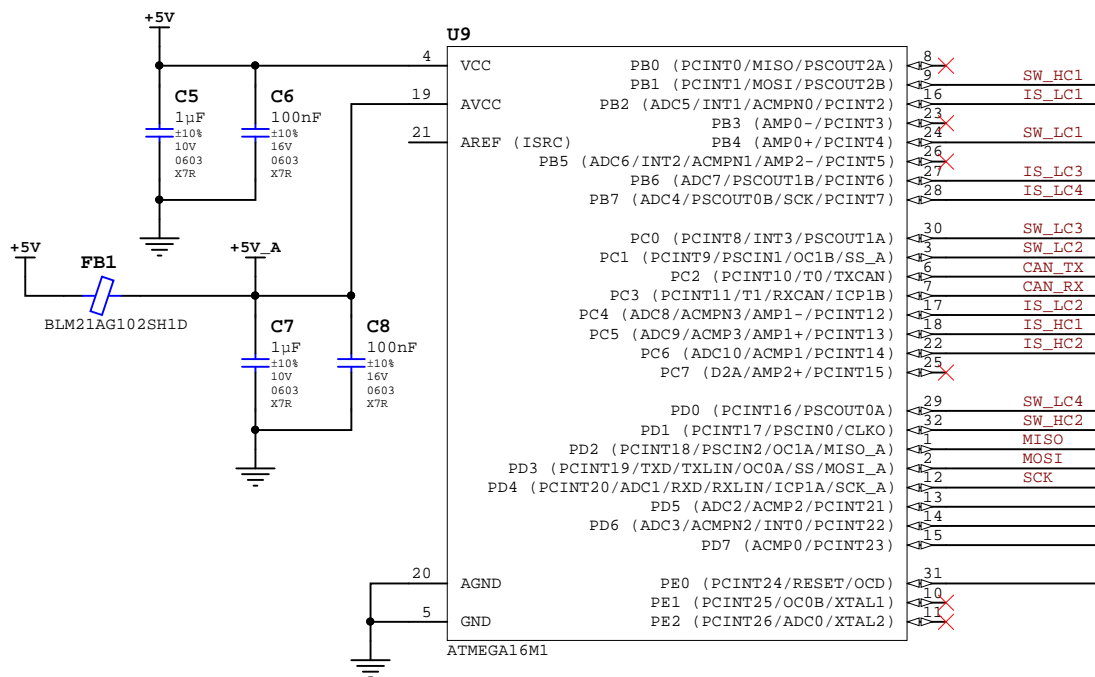
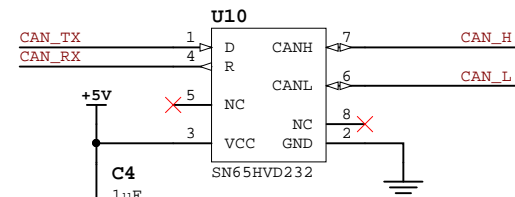
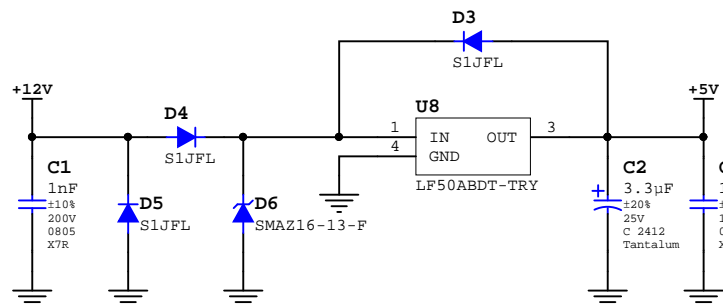
Title Page

Power Distribution Unit

Date: 2015-12-07

Revision: 3





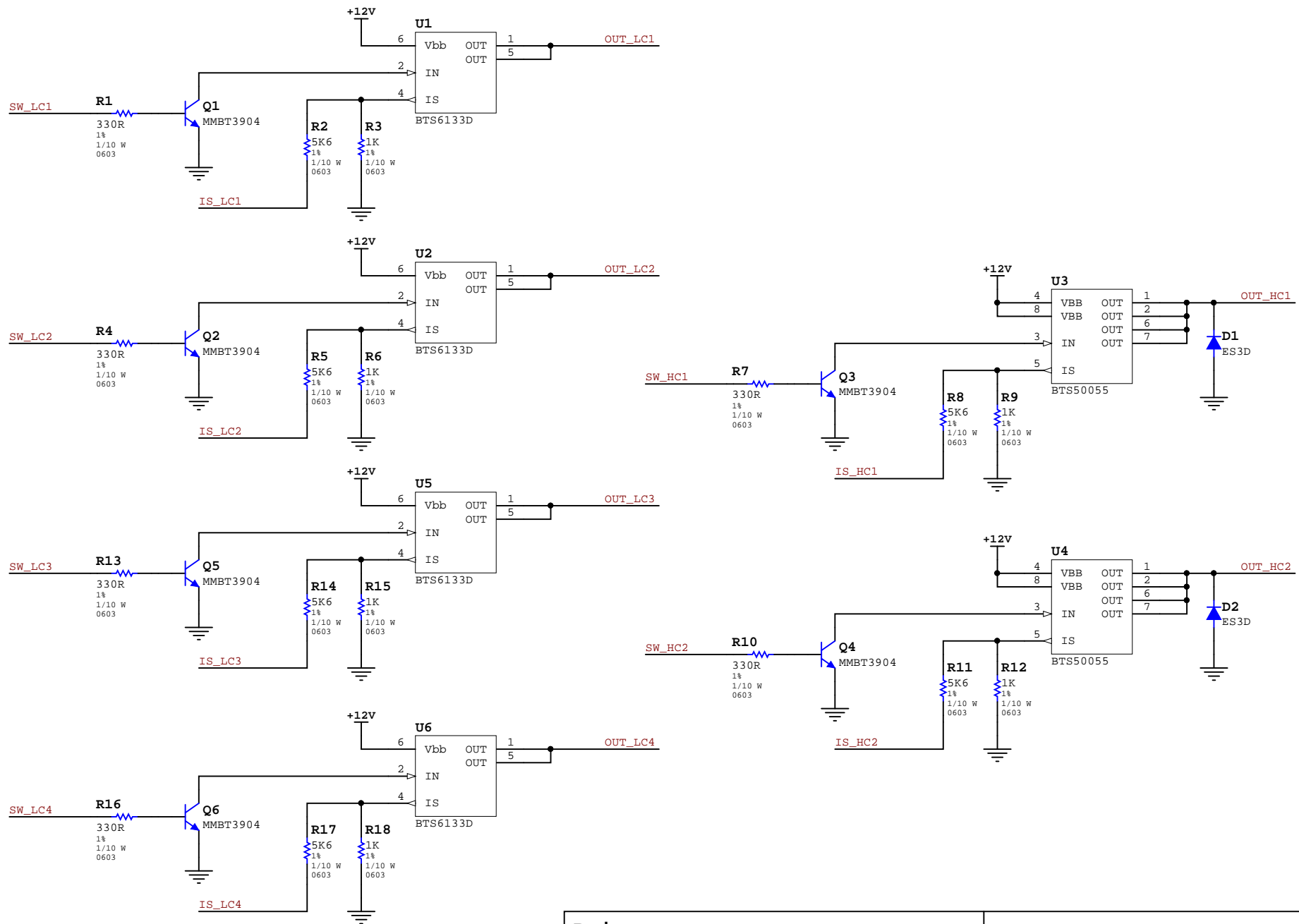
Microcontroller

Power Distribution Unit

Revision: 3

Date: 2015-12-07





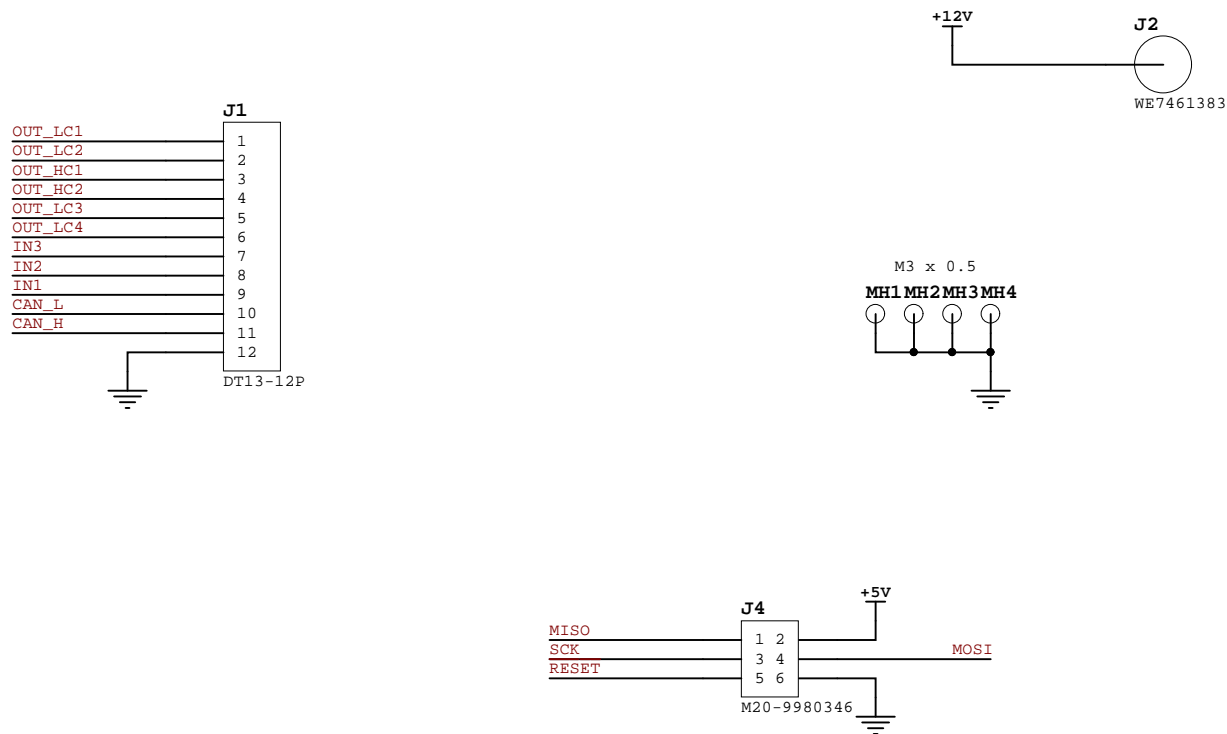
Drivers

Power Distribution Unit

Revision: 3

Date: 2015-12-07





Connectors & Mechanical

Power Distribution Unit Revision: 3

Date: 2015-12-07

