


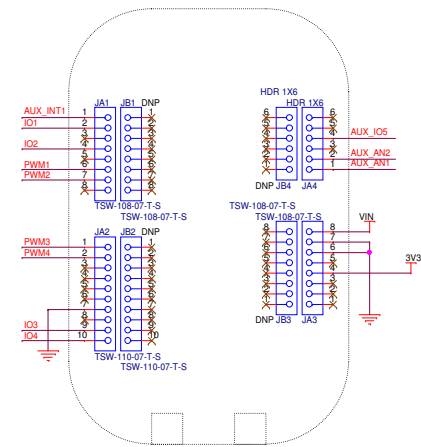
Table of Contents	
1	Revision History
2	FRDM-17511EVB

Revision History			
Rev	Description	Date	Approved
A	A085 Release	14-Jun-16	Mareike Davis
B	DNP'd J7	18-Jul-16	Mareike Davis

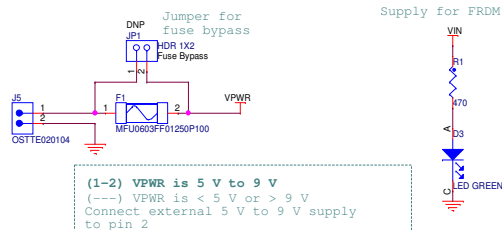
FRDM-17511EVB

		<b>Analog Sensor Product Group</b> 6501 William Cannon Drive West Austin, TX 78735-8598	
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ICAP Classification: CP: IUD: X PUB:			
Designer: Bruce Bohn		Drawing Title: <b>FRDM-17511EVB</b>	
Drawn by: Mareike Davis		Page Title: <b>Title Page</b>	
Approved: Bruce Bohn		Size C	Document Number SCH-29071 PDF: SPF-29071
		Date: Monday, July 18, 2016	Rev B
		Sheet 1 of 2	

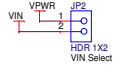
*This board attaches to the TOP of the FRDM MCU board; refer to the user guide for a list of compatible FRDM boards*



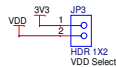
Circuit for supplying power to the driver IC and the FRDM board



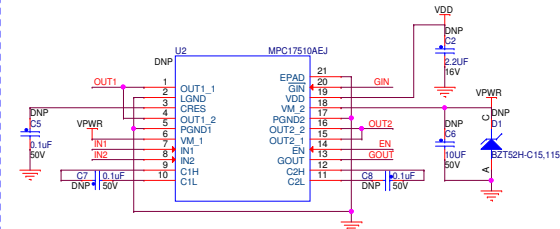
```
(1-2) VPWR is 5 V to 9 V
(---) VPWR is < 5 V or > 9 V
Connect external 5 V to 9 V supply
to pin 2
```



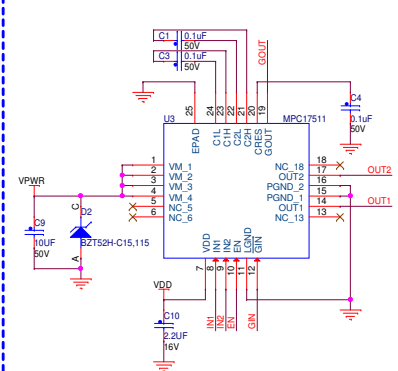
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(1-2) 3.3 V to driver IC
(---) Connect external supply to pin 2
```



DC motor driver IC

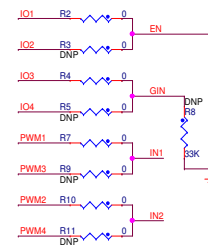
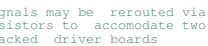


DC motor driver IC

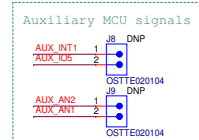
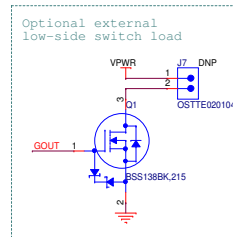
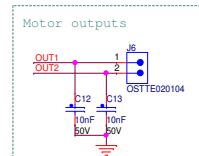


Jumpers for various  
configurations

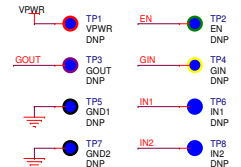
Default settings are indicated by bold text



### Input and output connectors



Test points for various  
digital, analog, and  
power signals



ICAP Classification:		CP:	IUO: X	PUBI:
Drawing Title:				
<b>FRDM-17511EVB</b>				
Page Title:				
<b>Driver IC Schematic</b>				
Size C	Document Number SCH-29071 PDF: SPF-29071			Rev B
Date:	Monday, July 19, 2016	Sheet	2	of 2