


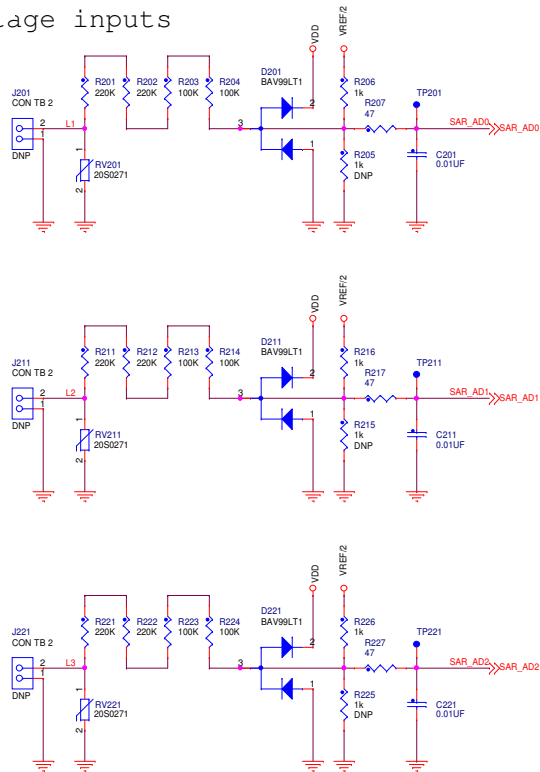


REVISIONS				
Zone	Rev	Description	Date	Approved
	X1	Initial version	15.01.2015	L.V.

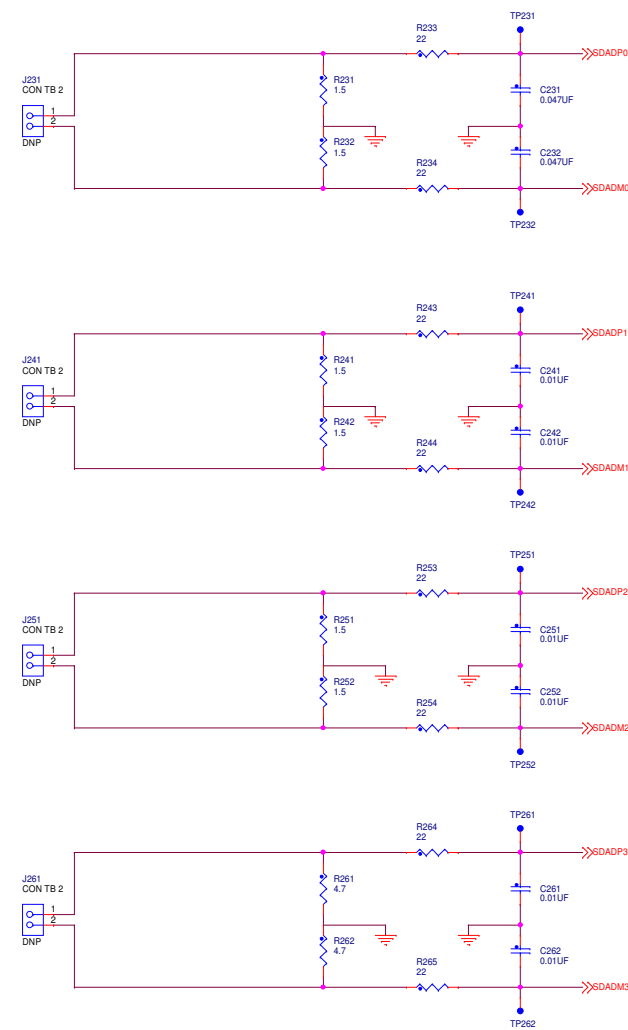
		<b>Automotive, Industrial &amp; Multi-market Solutions Group</b> 6501 William Cannon Drive West Austin, TX 78735-8598	
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ICAP Classification:    FCP:    FIUO: X    PUBI:			
Designer: Lukas Vaculik	Drawing Title: <b>3PMET-KM34Z256</b>		
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Approved: Martin Mienkina	Size A	Document Number SCH-28709 PDF: SPF-28709	Rev X1
Date: Friday, January 16, 2015		Sheet 1 of 4	



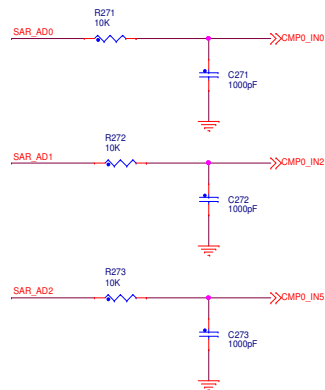
## voltage inputs



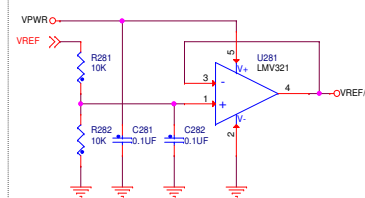
## Current inputs



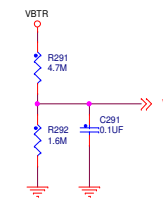
## Zero crossing



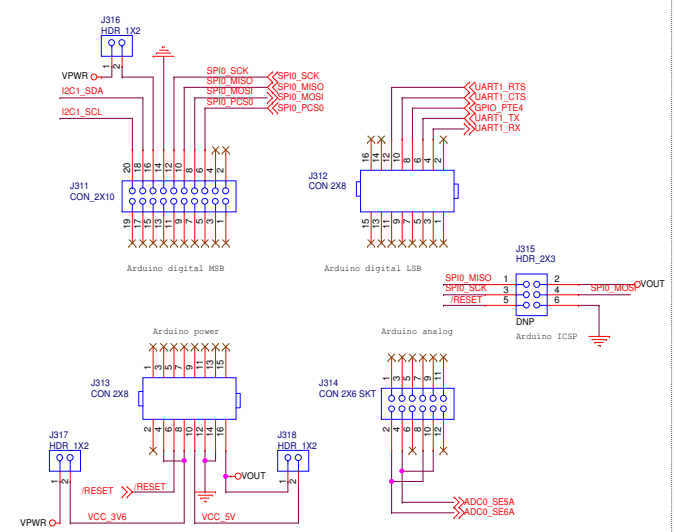
## Vref/2



## Battery level

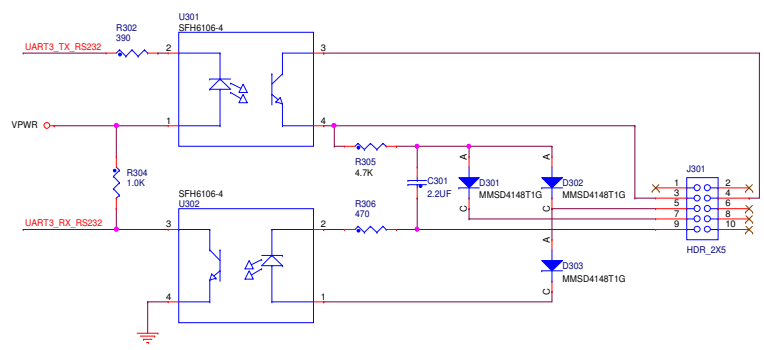


## ARDUINO Shield connectors

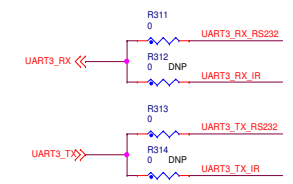


Keep spacing between J311...J318 connectors according to the Arduino/FRDM specification.

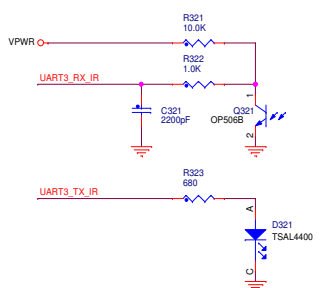
## Isolated RS232



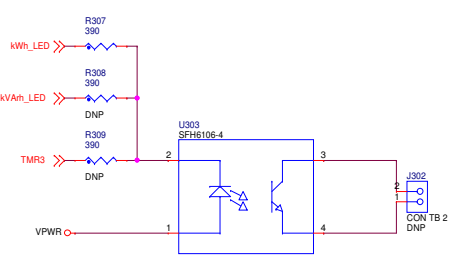
## USART selector



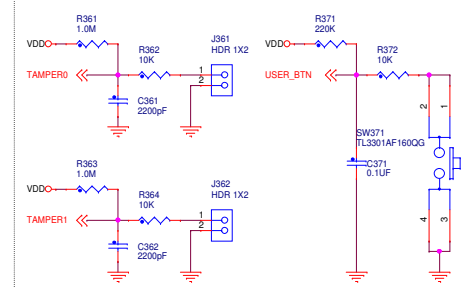
## IR interface



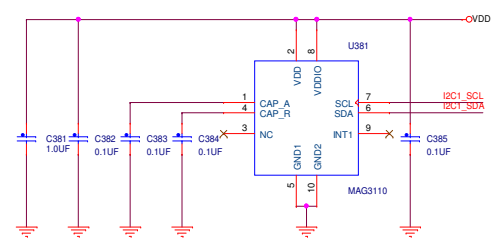
## Pulse output



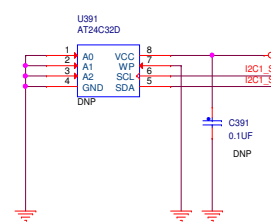
## Tamperers and User Button



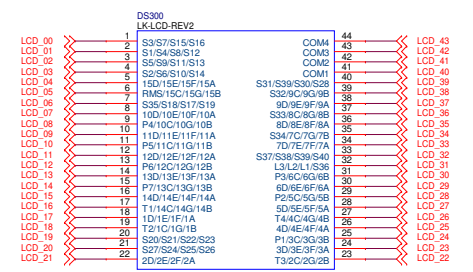
## Magnetic Field Tamper sensor



## 4kB I2C EEPROM



## LCD



## LEDs

