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Diagram	
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Revisions			
Rev	Description	Date	Approved
X1	Initial Design Release	25-Mar-15	Jorge Ramirez
A	Production Design Release	24-Sep-15	Antonio Quiroz

X-KW4X-HRM-RD

Heart Rate Monitor

		Microcontroller Product Group 6501 William Cannon Drive West Austin, TX 78735-8598	
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ICAP Classification:		FQP:	FUQ: PUB: X
Designer: Jorge Ramirez	Drawing Title: X-KW4X-HRM-RD		
Drawn by: Antonio Quiroz	Page Title: TITLE PAGE		
Approved: Santiago Lopez	Size C	Document Number SCH-xxxxx PDF: SPF-xxxxx	Rev A
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id with the same letter or letter
ctrically connected.

2. Special signal usage:

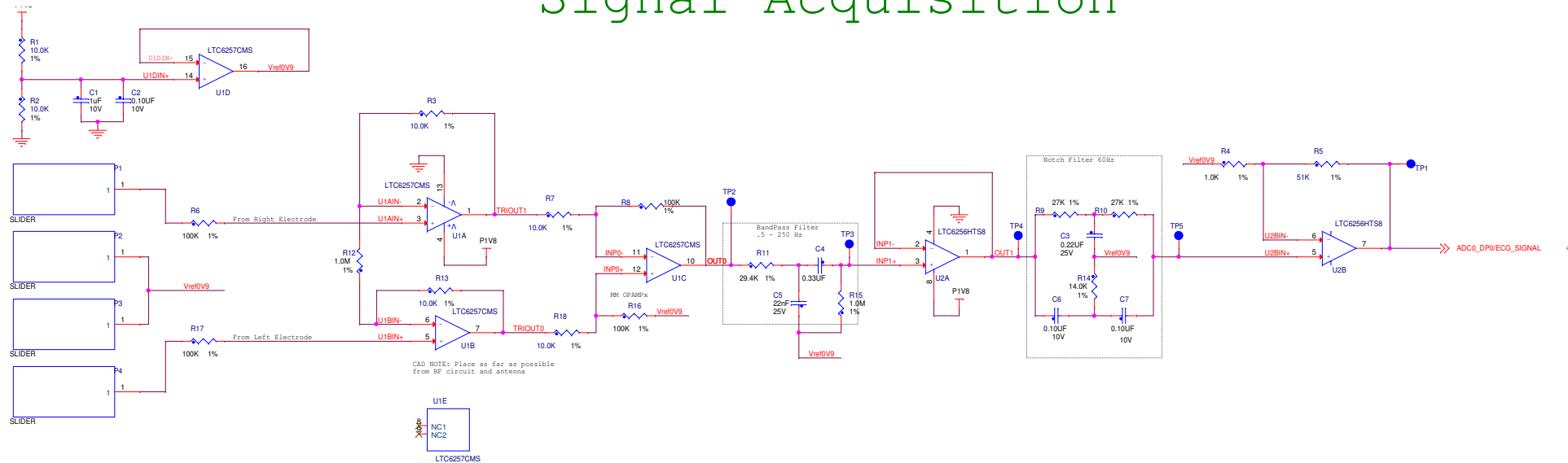
- _B Denotes - Active-Low Signal
- <> or [] Denotes - Vectored Signals

3. Interpret diagram in accordance with American
National Standards Institute specifications, current
revision, with the exception of logic block symbology.

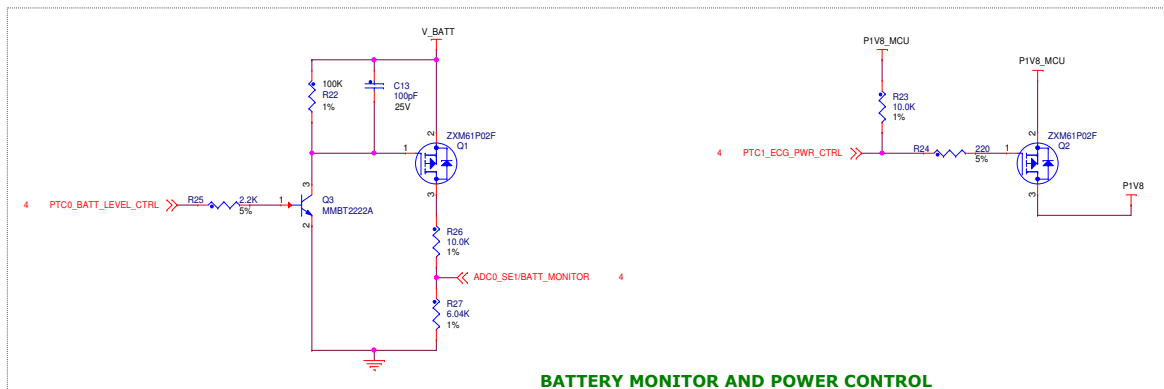
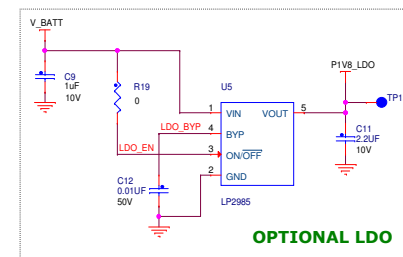
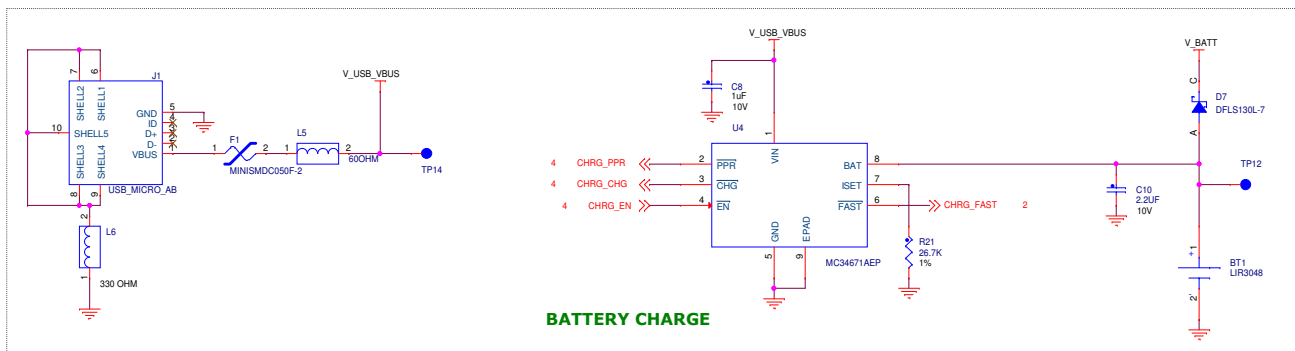
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Drawing Title: X-KW4X-HRM-RD			
Page Title: NOTES/ BLOCK DIAGRAM			
Size C	Document Number SCH-xxxxx PDF: SPF-xxxxx	Rev A	
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Signal Acquisition



Power



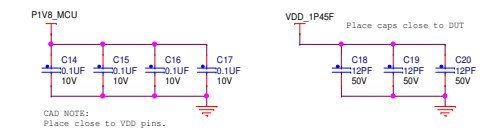
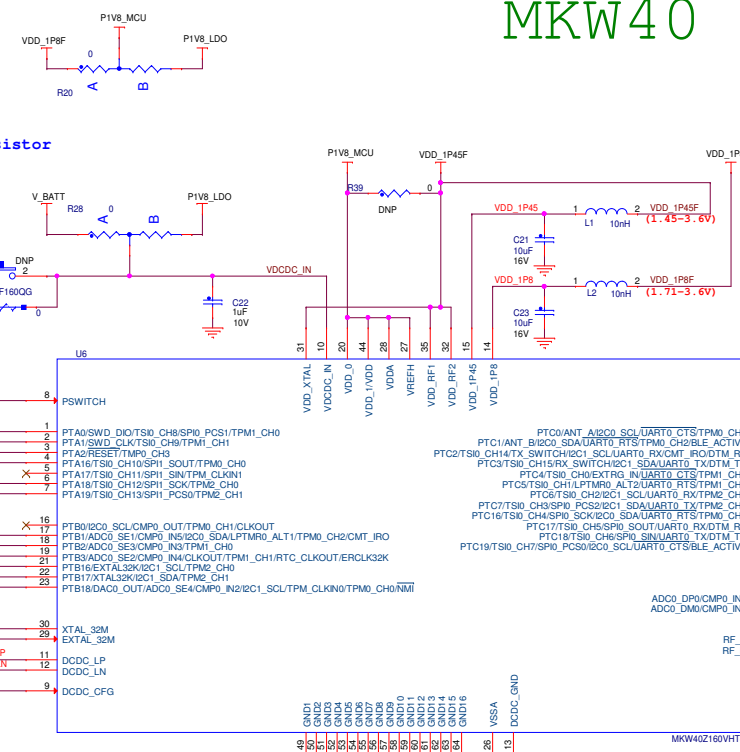
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Drawing Title: X-KW4X-HRM-RD			
Page Title: Analog and Power			
Size C	Document Number SCH-XXXXX PDF: SPF-XXXXX	Rev A	
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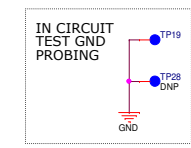
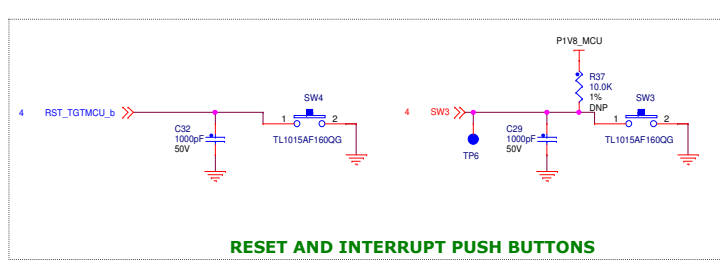
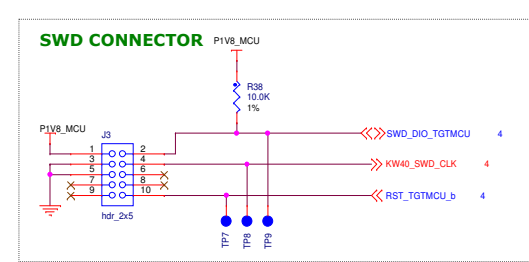
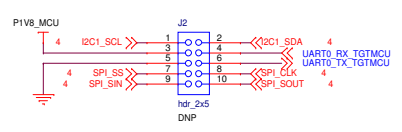
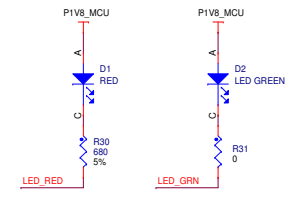
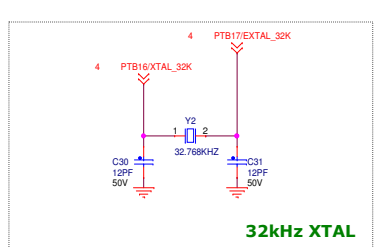
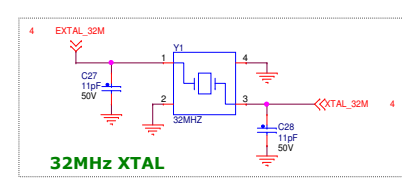
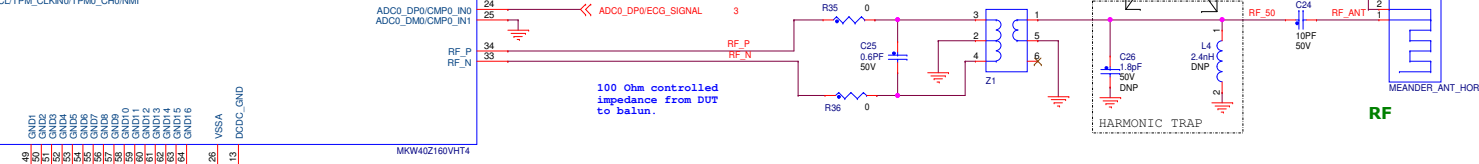
MKW40 MCU

- R20 - position A
- SH2 - shorted
- R39 - DNP

- For Bypass Mode:
- R28 - position B
 - SW1 - DNP
 - SH1 - open
 - R29 - populate a zero ohm resistor
 - R20 - position B
 - SH2 - shorted
 - R39 - populated



MKW40Z160 MCU



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Drawing Title: **X-KW4X-HRM-RD**

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