


REV	Revision Notes	Designer	Approver	Date
A1	Released A1 Schematics	VVDN	Vignesh Babu	19-04-2017
A2	Alternate components are updated	VVDN	Vignesh Babu	20-04-2017

PLMJ\_TABC

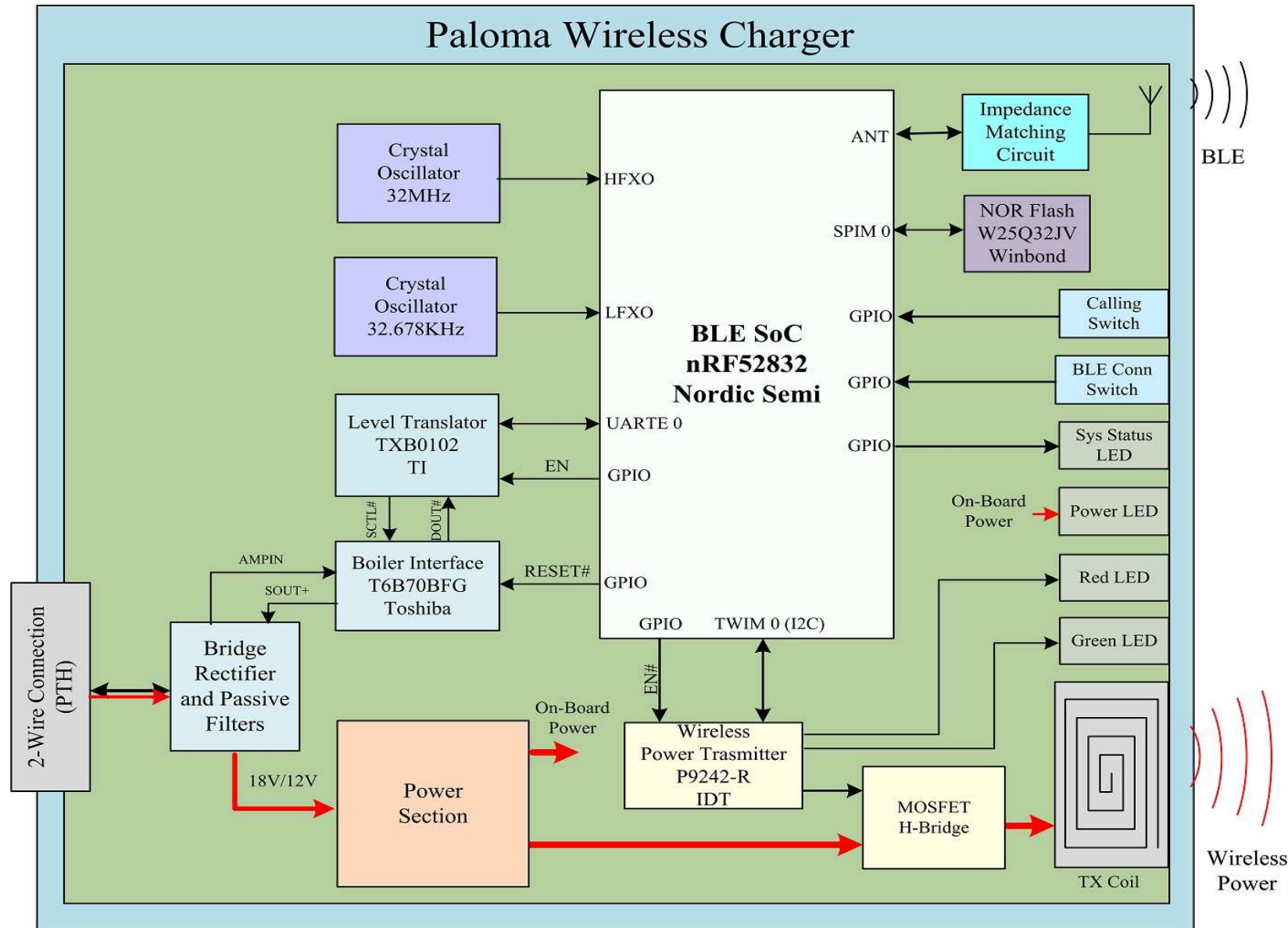
WL\_CHARGER

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	A3	Title : COVER_PAGE		
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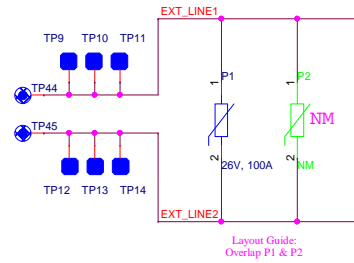
# BLOCK\_DIAGRAM



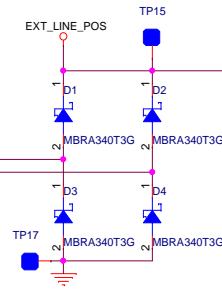
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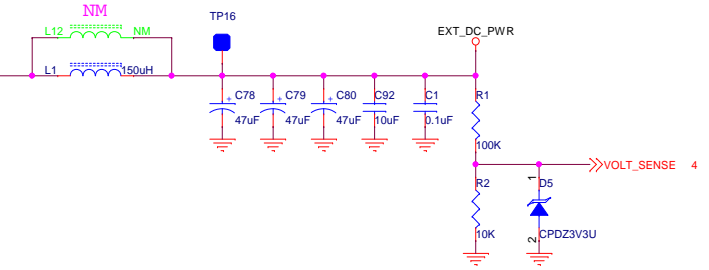
## Boiler Interface Connector



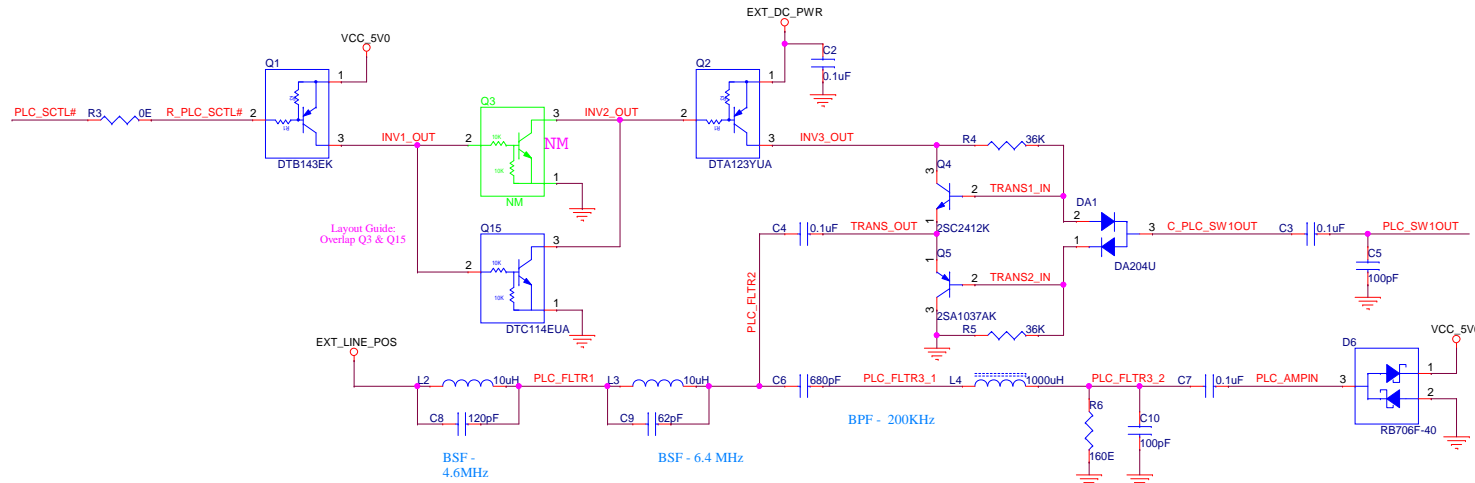
## Polarity Correction Circuit



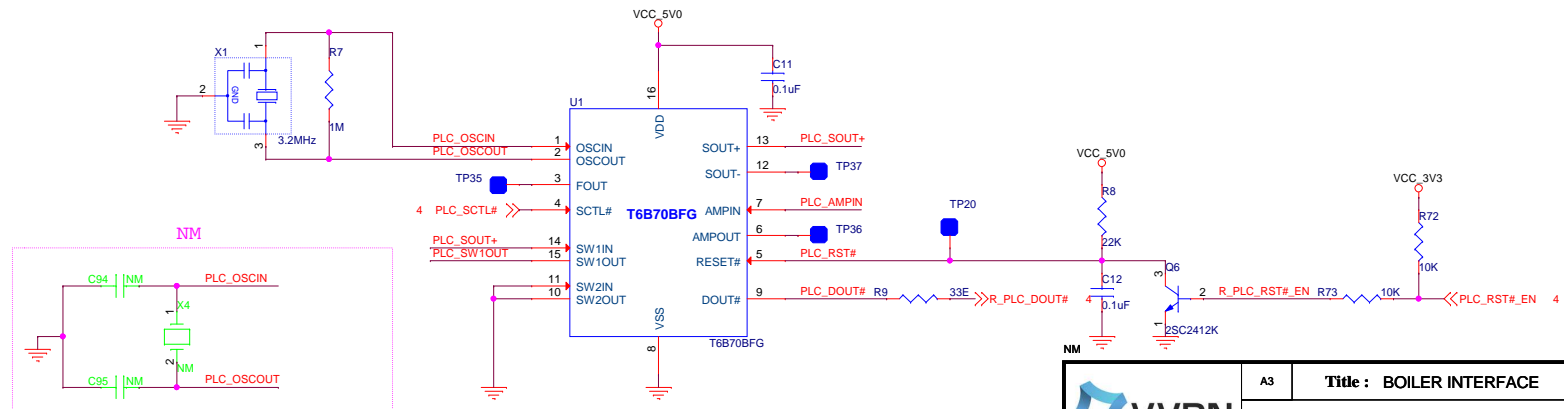
## PLC Power Filter



## PLC Signal Filter

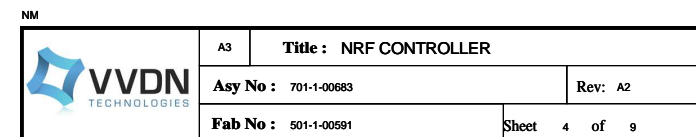


## Boiler Interface Chip



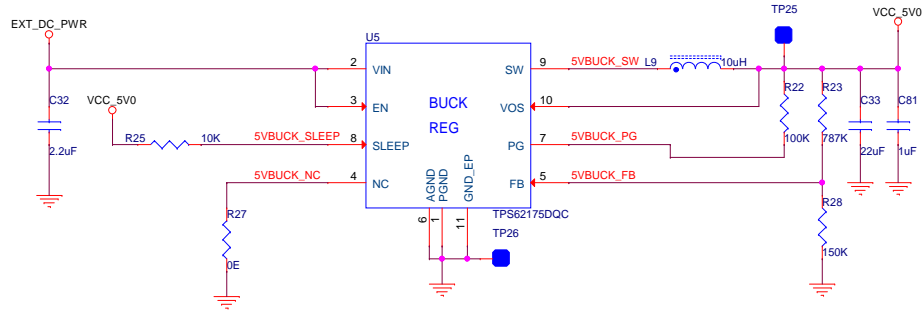
A3	Title : BOILER INTERFACE	
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## NRF CONTROLLER

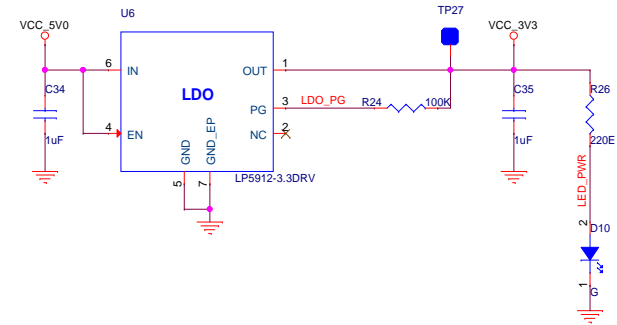


## POWER SECTION

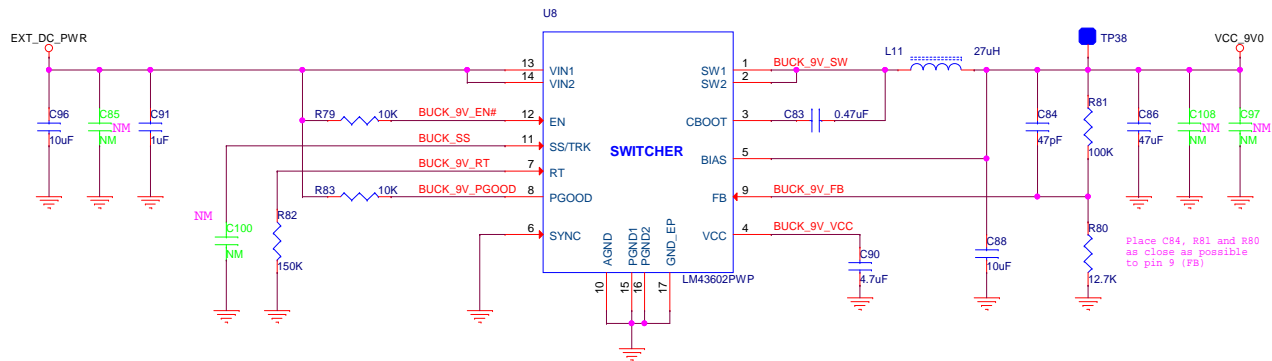
### Switcher - 5V/0.5A




### LDO - 3.3V/0.5A



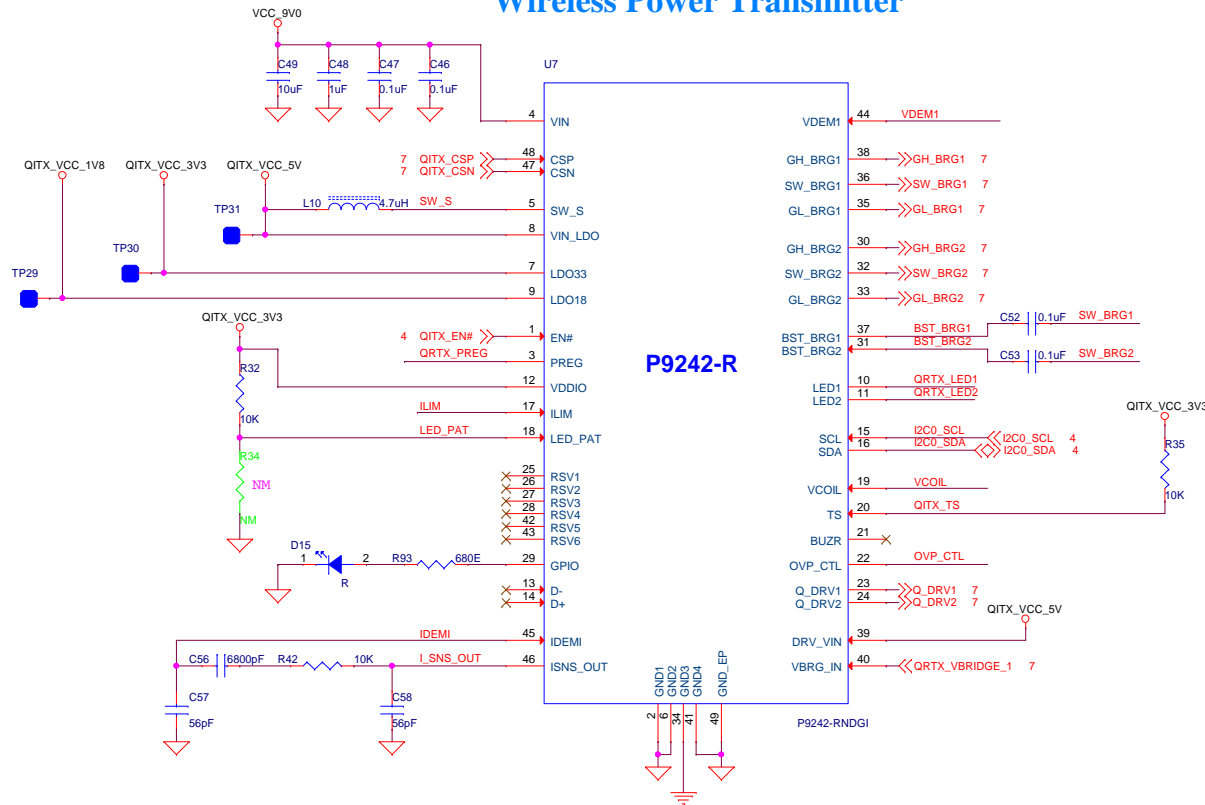
### Switcher - 9V/2A



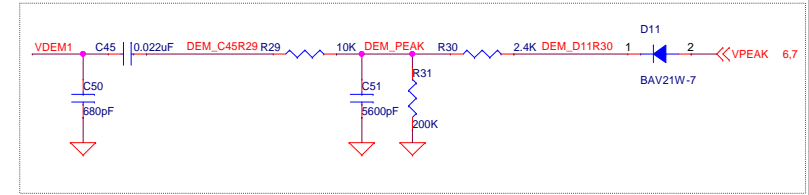
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	A3	Title : POWER SECTION	
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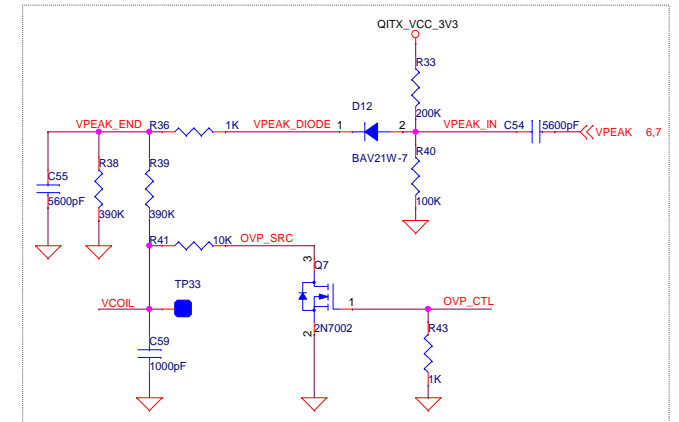
# Wireless Power Transmitter



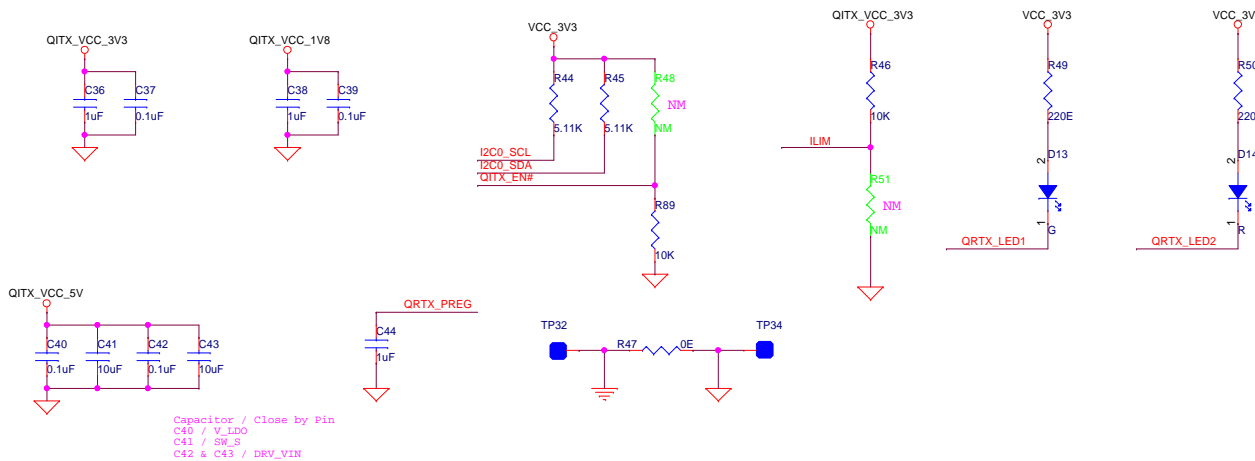
## Voltage Demodulator



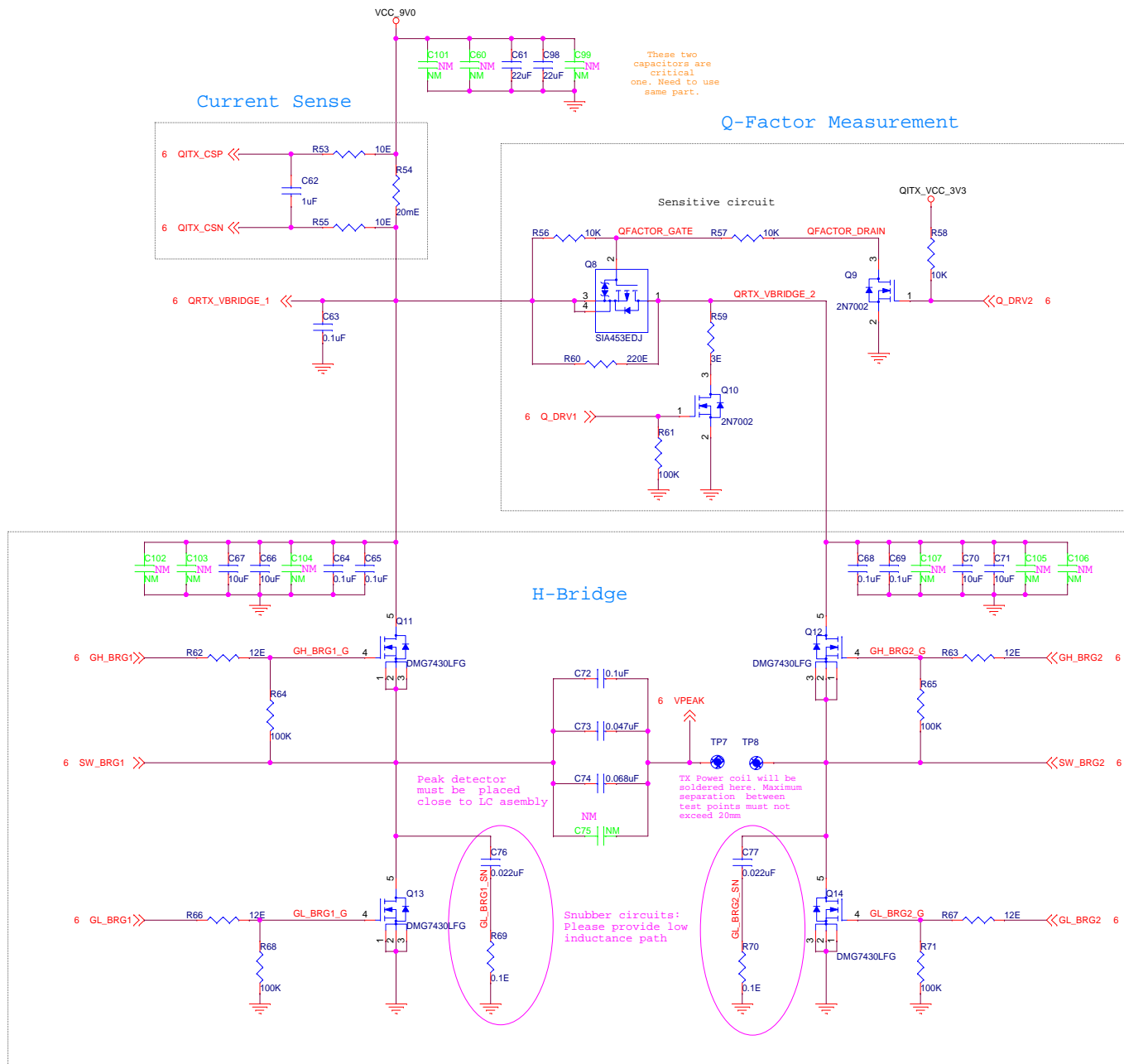
## Peak Detector



## Status LEDs



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	A3	Title : H-BRIDGE ASSEMBLY	
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MISCELLANEOUS

MH3  
138MILS

MH4  
138MILS

FD1  
Global

FD2  
Global

FD3  
Local

FD4  
Local

MH7  
335MILS

MH5  
138MILS

MH6  
138MILS


FD5  
Global

FD6  
Global

FD7  
Local

FD8  
Local


NM

	A3	Title : MISCELLANEOUS	
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NON CAD PARTS

Z1



FXPT3.07.0100A

Z2



10.5uH


BPCB1



BPCB

BPCB

NM

	A3	Title : NON CAD PARTS	
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