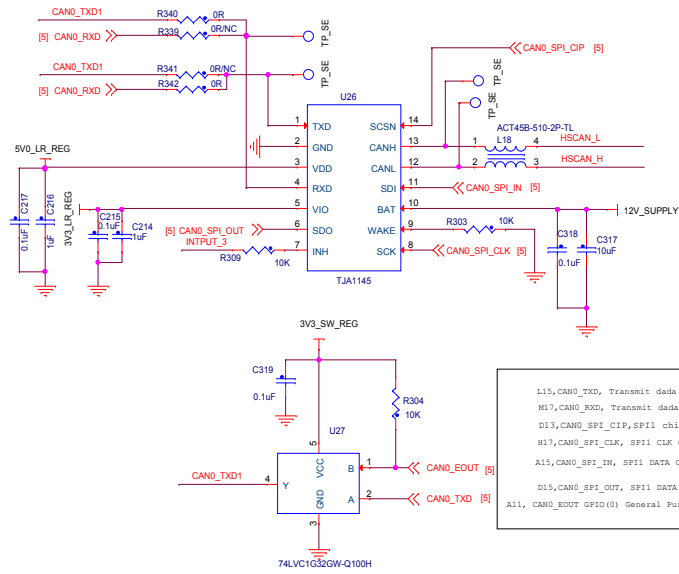


CAN PHY



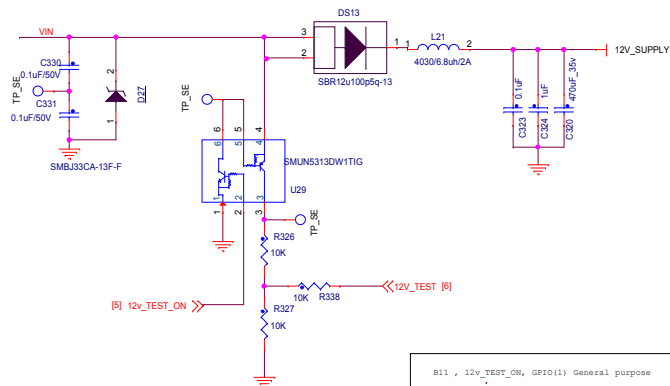
```

L15,CAN0_TXD, Transmit data
M17,CAN0_RXD, Transmit data
D13,CAN0_SPI_CIP, SPI1 chip select
H17,CAN0_SPI_CLK, SPI1 CLK OUT
A15,CAN0_SPI_IN, SPI1 DATA OUT

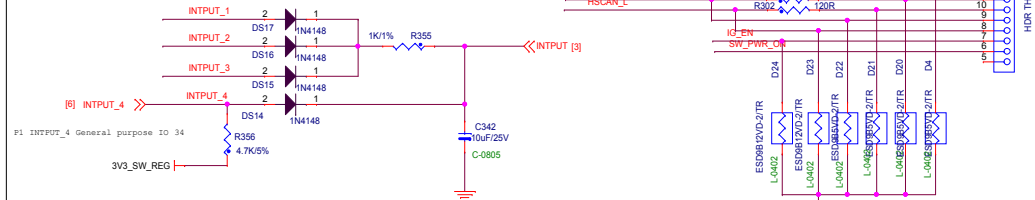
D15,CAN0_SPI_OUT, SPI1 DATA IN
A11, CAN0_EOUT GPIO(0) General Purpose IO 0

```

12V_TEST



```
B11 , 12v_TEST_ON, GPIO(1) General purpose
T3 , 12V_TEST, AN(11) ADC1 Analog Input 11
```

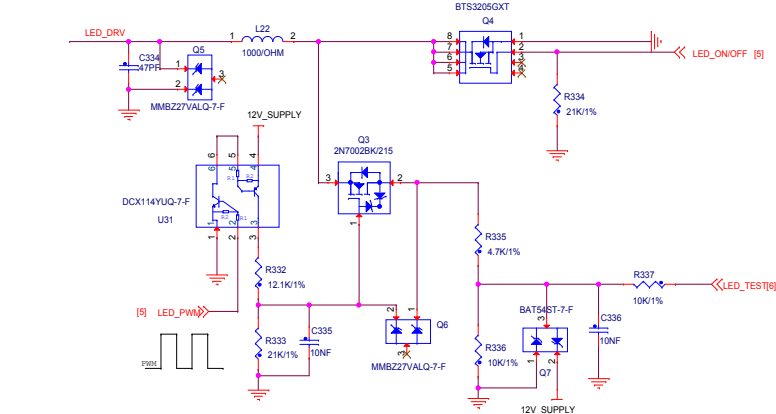


LED_DRV_TEST

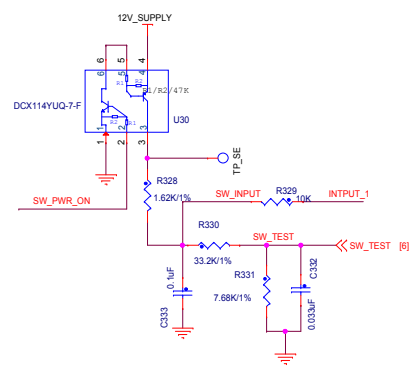
```
B13 , LED_PWM, GPIO(56) General Purpose IO 56

T2 , LED_TEST, AN(13) Analog Input 13

M15 , LED_ON/OFF GPIO(14) General Purpose IO 14
```

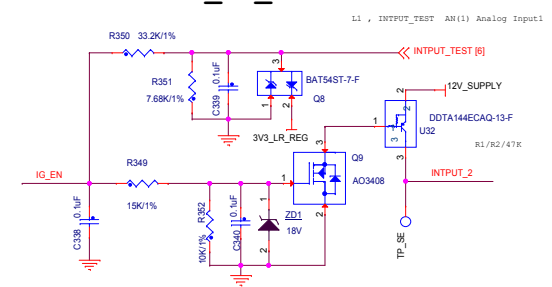


SW PWR ON TEST



```
R3 , SW_TEST, AN(12)    Analog Input 12
```

IG EN TEST



```
L1 , INPUT TEST  AN(1) Analog Input1
```

U32 R1/R2/47K

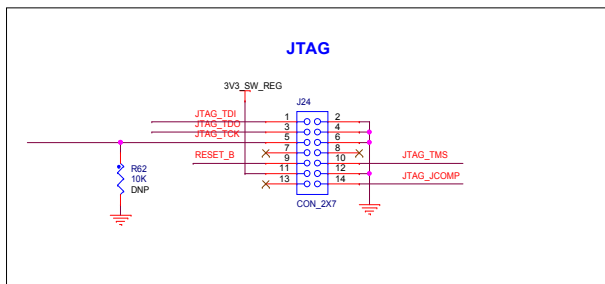
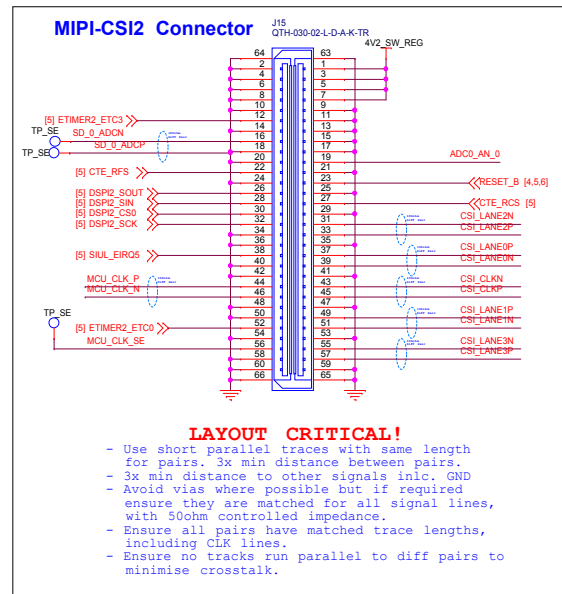
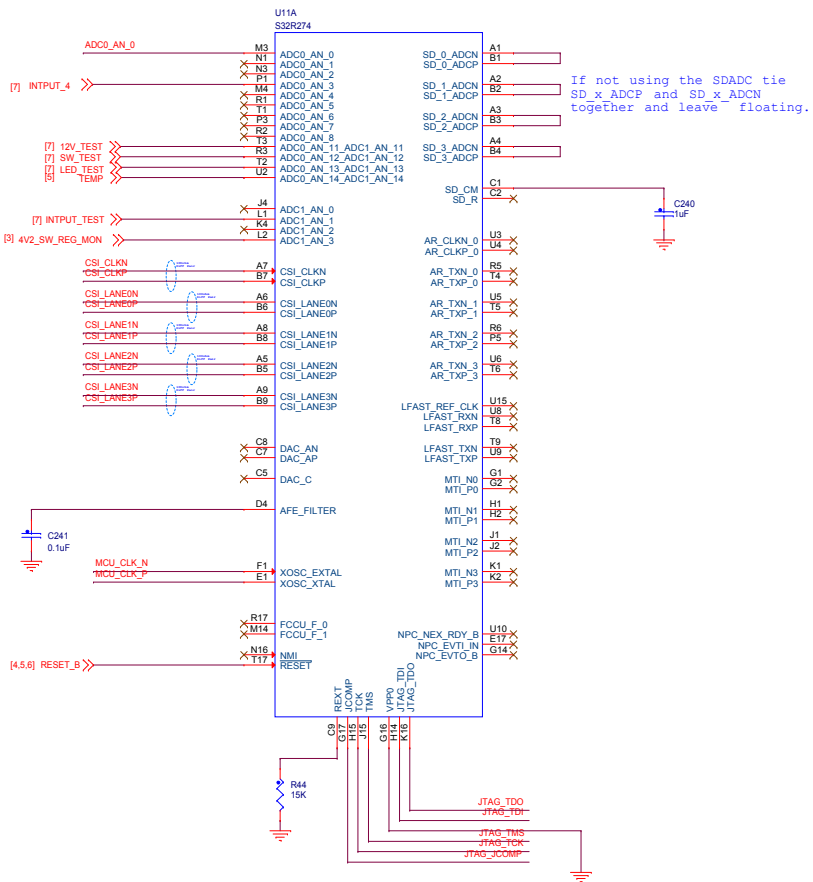
机驭智能 

ICAP Classification:	cp: _____	IU0: <u>x</u>	PUBI: _____
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Drawing Title:	S32R274-RADAR
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PageTitle: CAN PHY	
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ICAP Classification: cp: IU0: x PUBI:

Drawing Title: S32R274-RADAR

PageTitle: MIPI-CSI2

Size Document Number

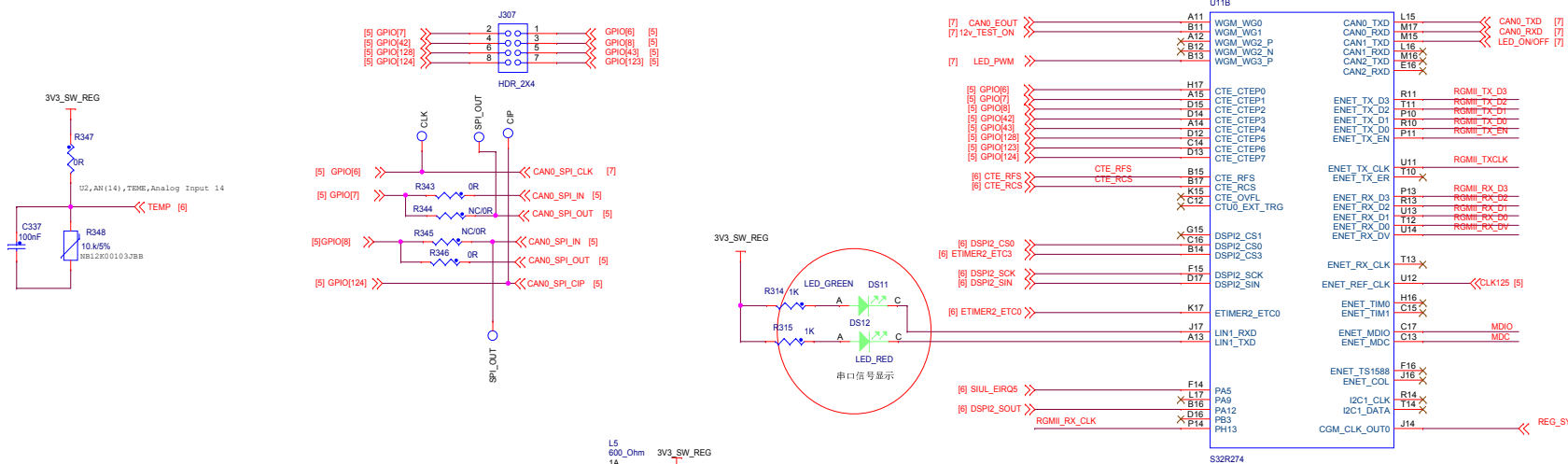
c SCH-29022 PDF: SPF-29022

Date: Tuesday, October 10, 2017 | Sheet 6 of 7

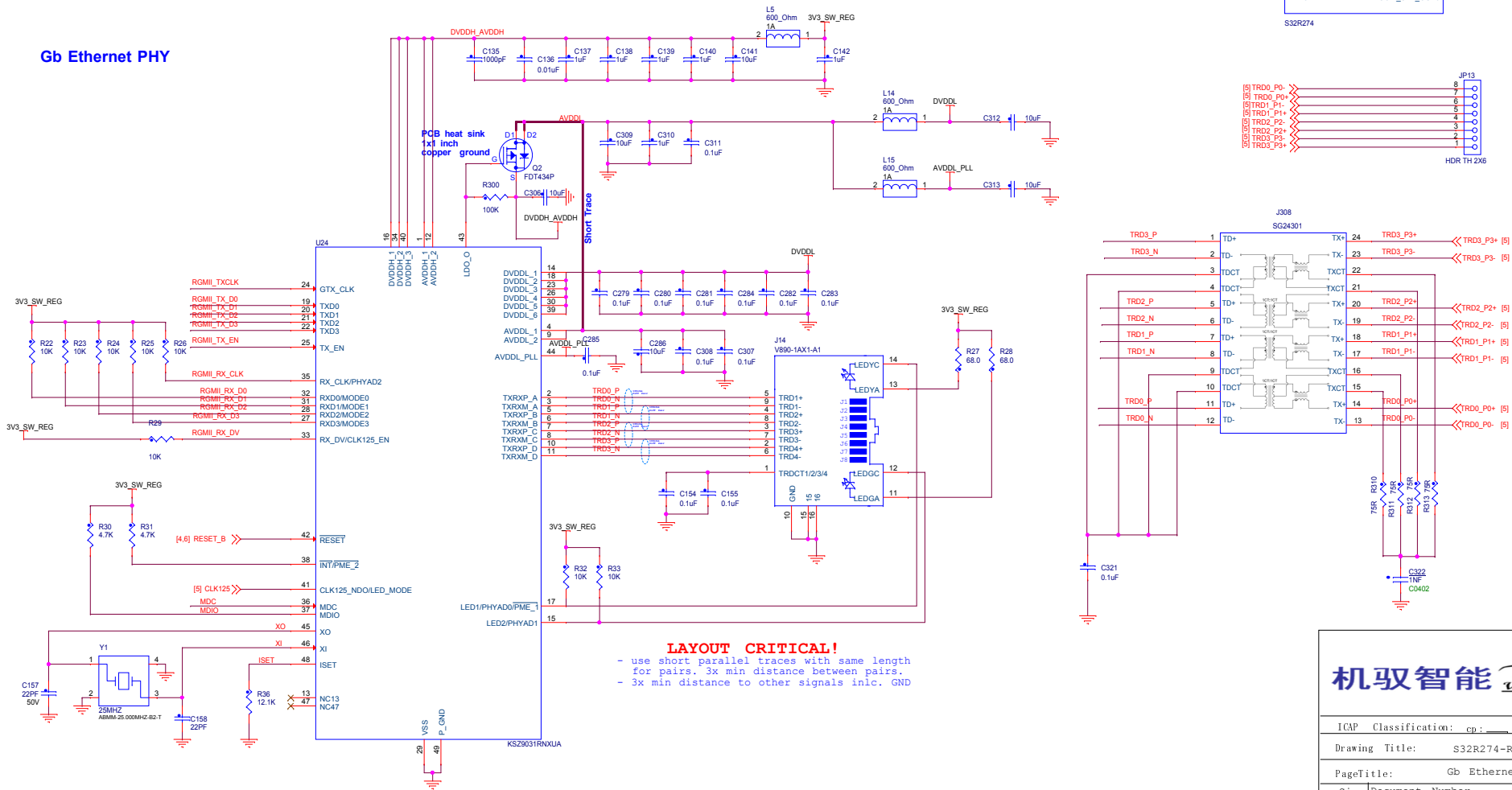
Rev

A1

RRU Connections

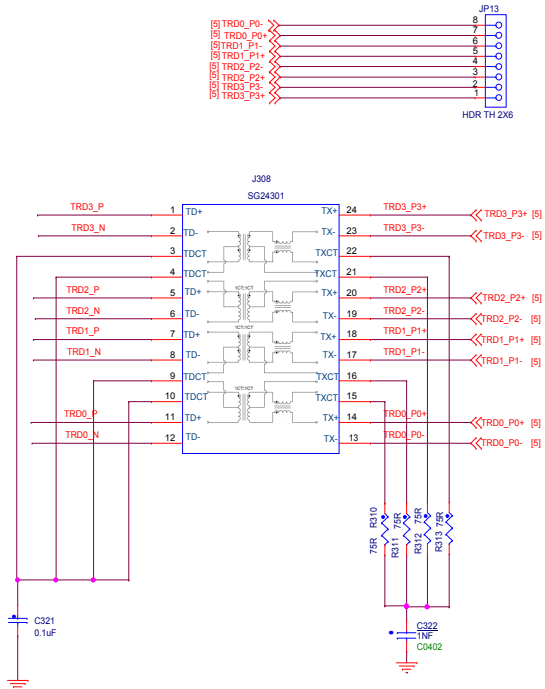


Gb Ethernet PHY

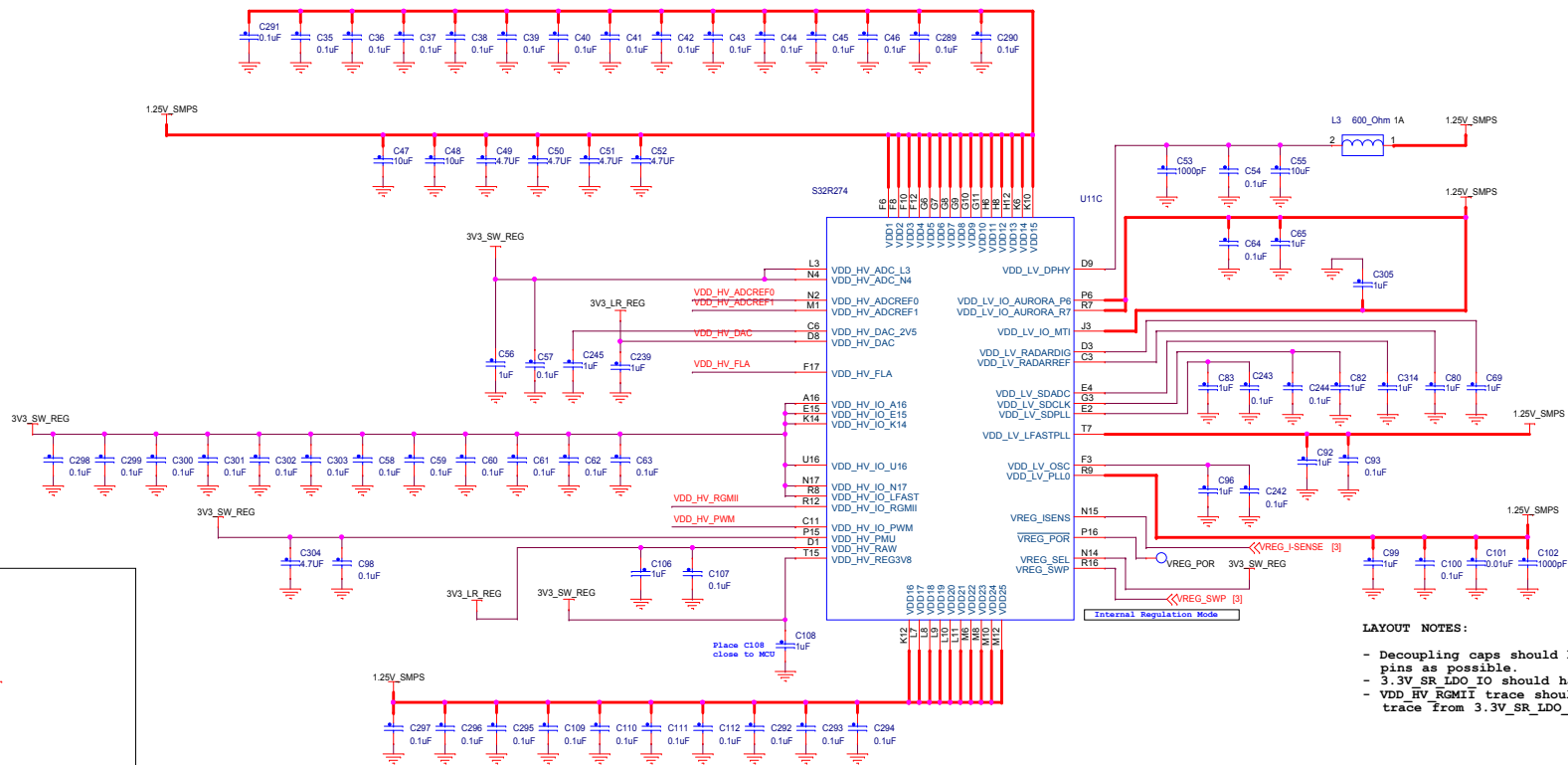


LAYOUT CRITICAL!

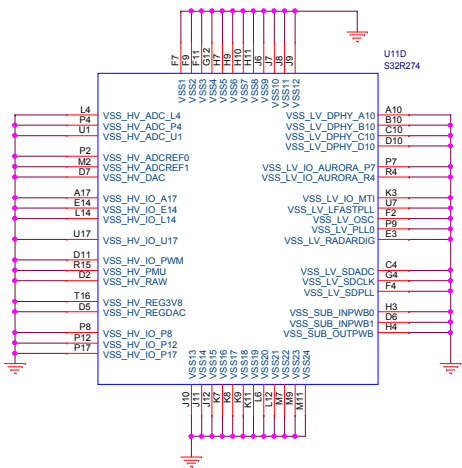
- use short parallel traces with same length for pairs. 3x min distance between pairs.
- 3x min distance to other signals incl. GND



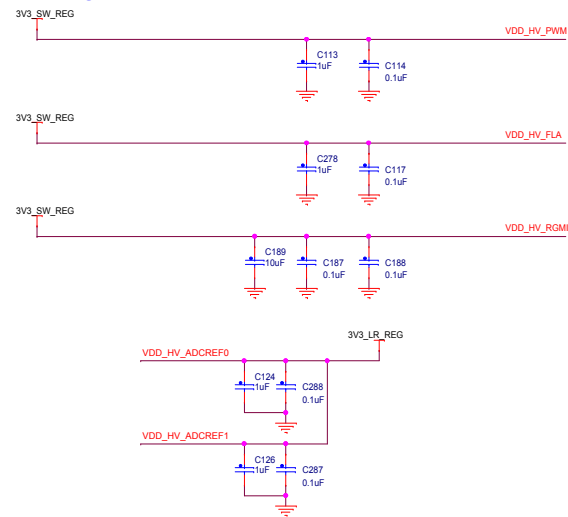
MCU Power Connections and Decoupling



MCU Grounds




Supply Decoupling

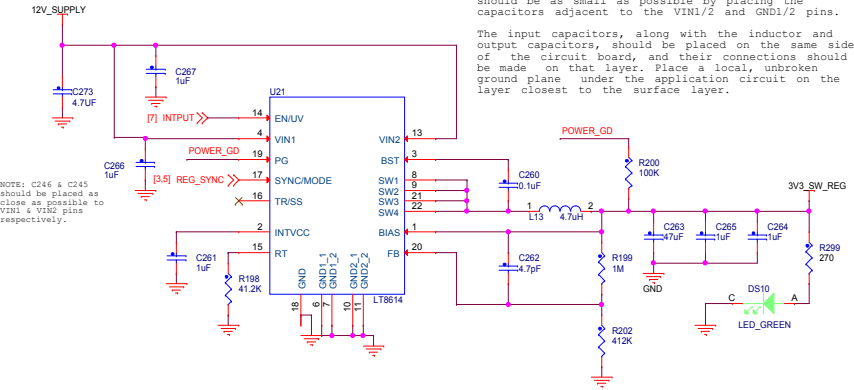


Reset Circuit

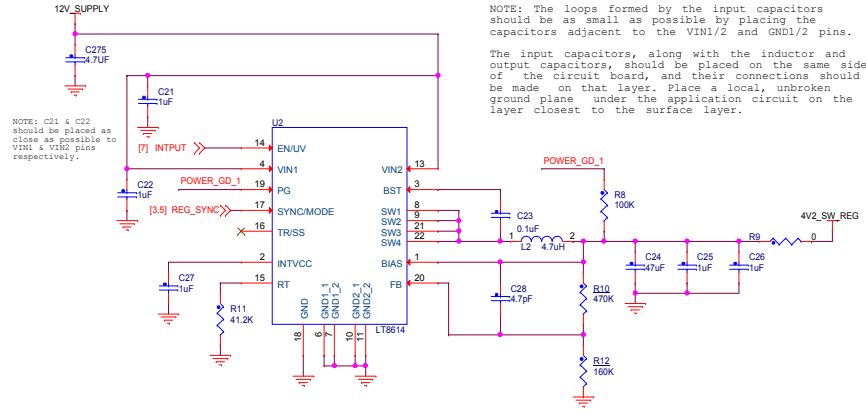


		
ICAP Classification: cn: IUD: x PUBI:		
Drawing Title: S32R274-RADAR		
PageTitle: Supply & Decoupling		
Size c	Document Number SCH-29022 PDF: SPF-29022	Rev A1
Date:	tuesday, October 10, 2017	Sheet 4 of 7

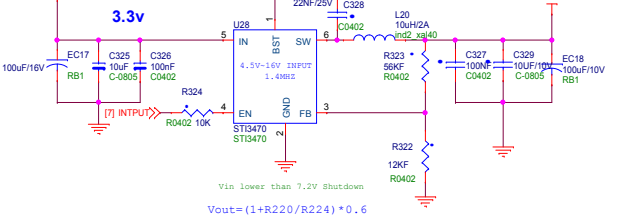
S32R274 SWITCHING REG - 4A, 3.3V



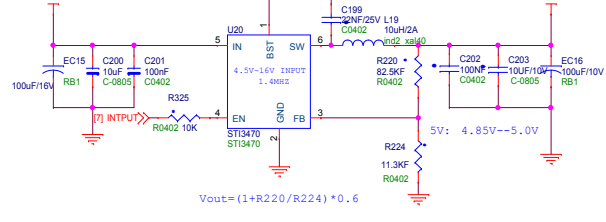
Eagle Supply Switching Reg - 4A, 4.2V



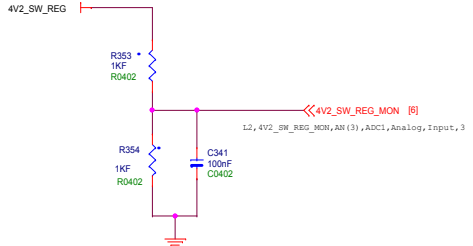
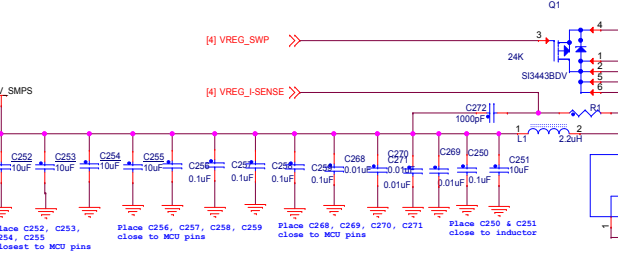
3.3v



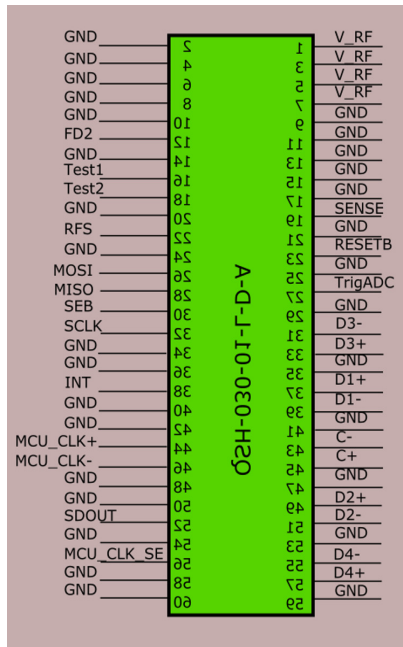
5.0v



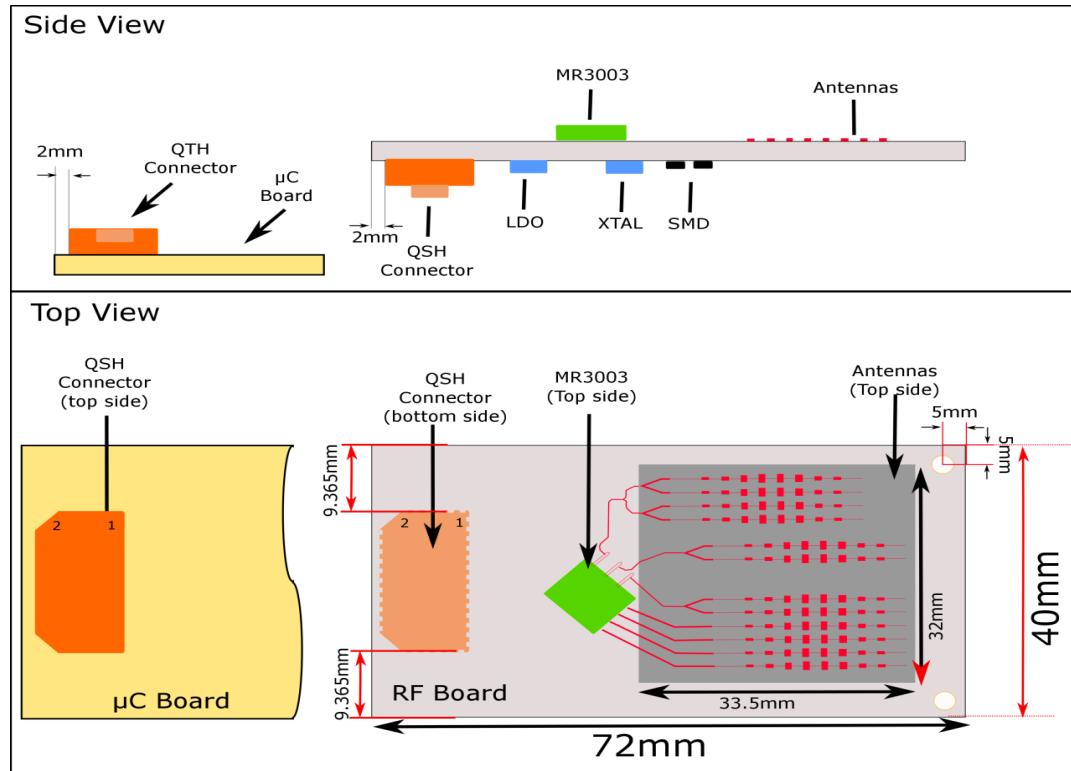
Internal SMPS Circuit



Eagle Connector Pinout



Eagle Board Connector Diagram



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ICAP Classification: cp: IU0: x PUBL:

Drawing Title: S32R274-RADAR

PageTitle: NOTES

Size Document Number SCH-29022 PDF: SPF-29022 Rev A1

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