

# RTK0EMXDE0C00000BJ

## Schematic

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02 : RX72M  
03 : Connector  
04 : EtherCAT  
05 : E2OB  
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07 : Level shifter  
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Supplementary explanation :

DNF: unmounted part

Access point : <horizontal, vertical, page>

Ex.

< 4 C 3 >

page

vertical

horizontal

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The schematic diagram illustrates the internal connections of an MCU system. Key components and their connections include:

- MCU (Microcontroller Unit):** The central component, with various pins connected to other components.
- Memory:** Includes external memory chips like R5F572MNDDBD and R5F572MNDDBD.
- I/O Devices:** Includes LEDs (LED1, LED2, LED3, LED4, LED5), a 3P2 connector, and a 3.3V regulator.
- Power Management:** Includes a 3.3V regulator, a 3.3V input, and a 3.3V output.
- Connectors:** Includes a 3P2 connector and a 3.3V input.

The diagram also includes a title block with the following information:

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The schematic diagram illustrates a connector board layout. It features a 10P2 connector (CN1) at the top left, which is connected to various components including LEDs (LED6, LED7), resistors (R11, R12, R228, R229, R230, R231, R233, R234, R235, R241, R242, R243, R244, R245), and capacitors (C19, C20, C21, C22, C23, C24, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48). The board also includes several integrated circuits (U3, U4, U5, U6) and a 18P2 connector (CN5). The components are connected to a 5V\_D power supply and ground (GND\_D, GND\_A). The diagram includes a title block at the bottom right with the following information:

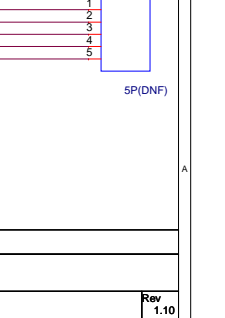
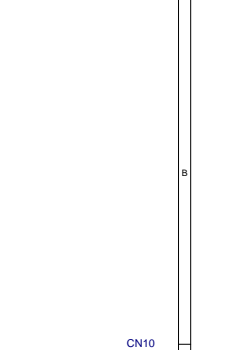
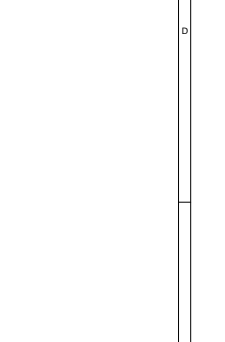
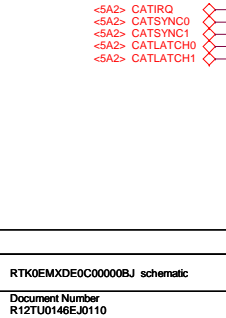
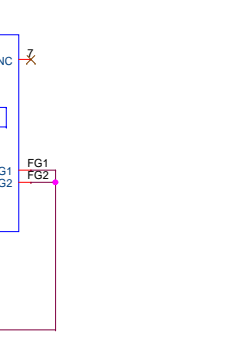
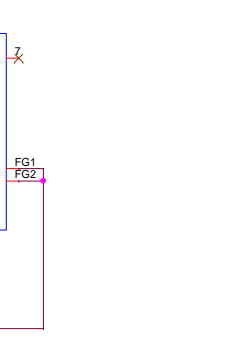
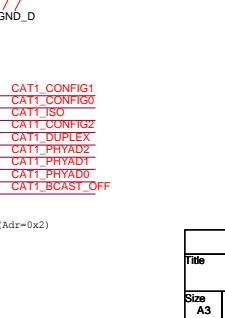
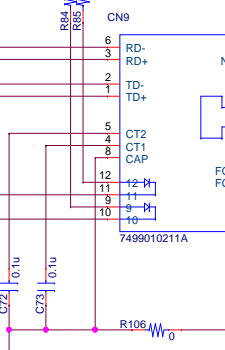
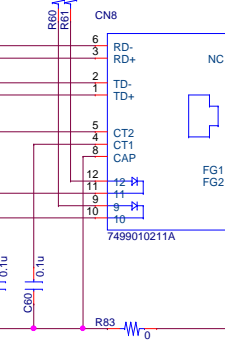
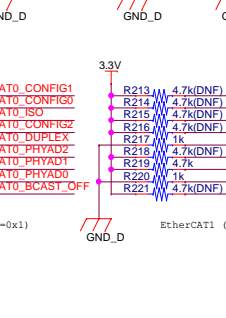
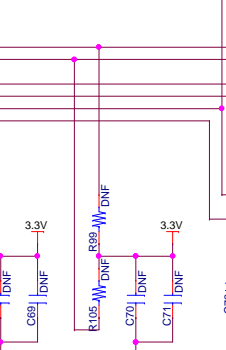
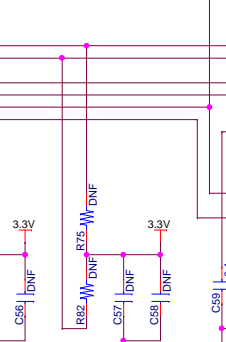
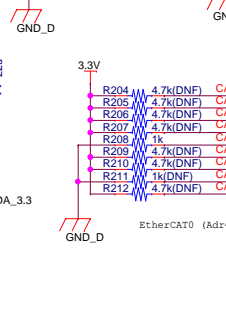
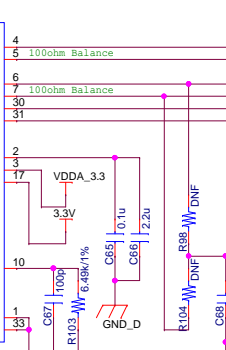
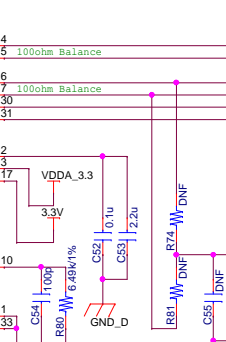
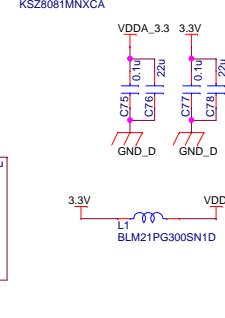
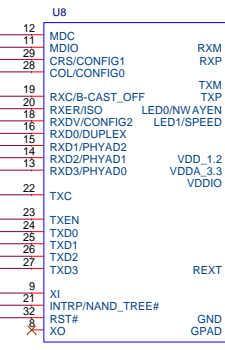
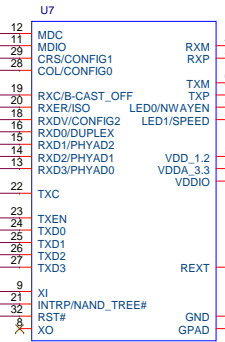
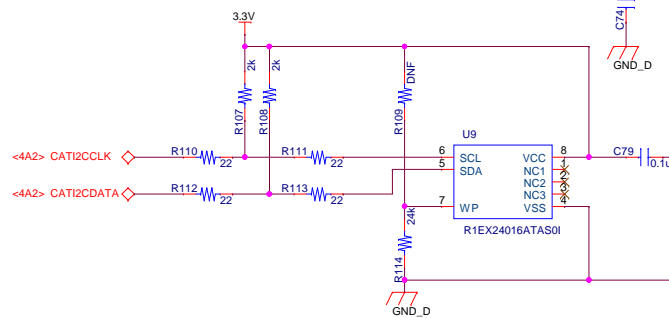
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Title RTK0EMXDE0C00000BJ schematic			
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# EtherCAT

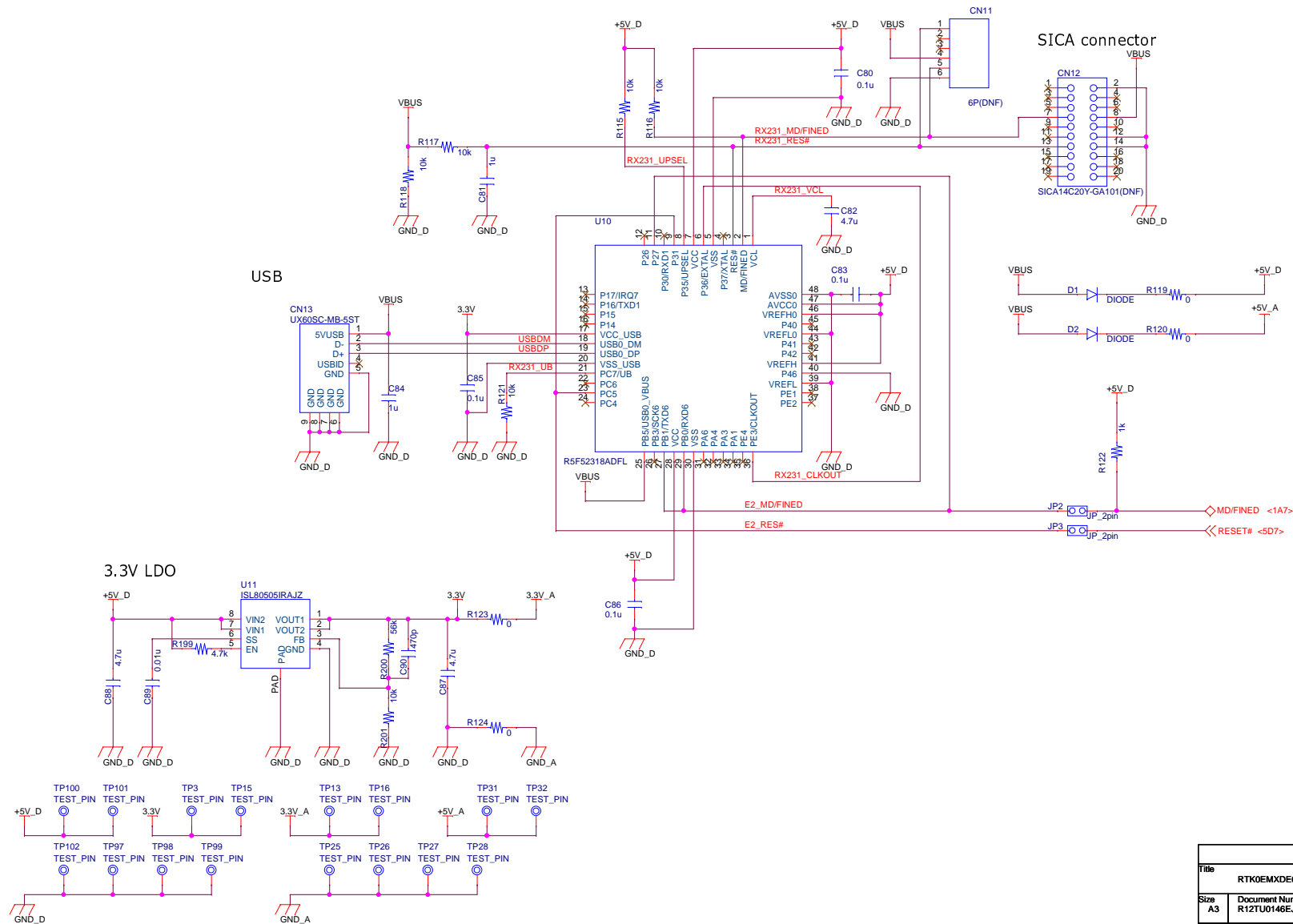
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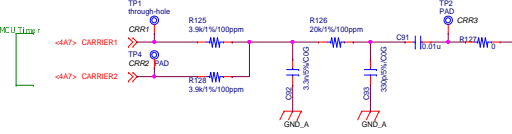
E2 on board



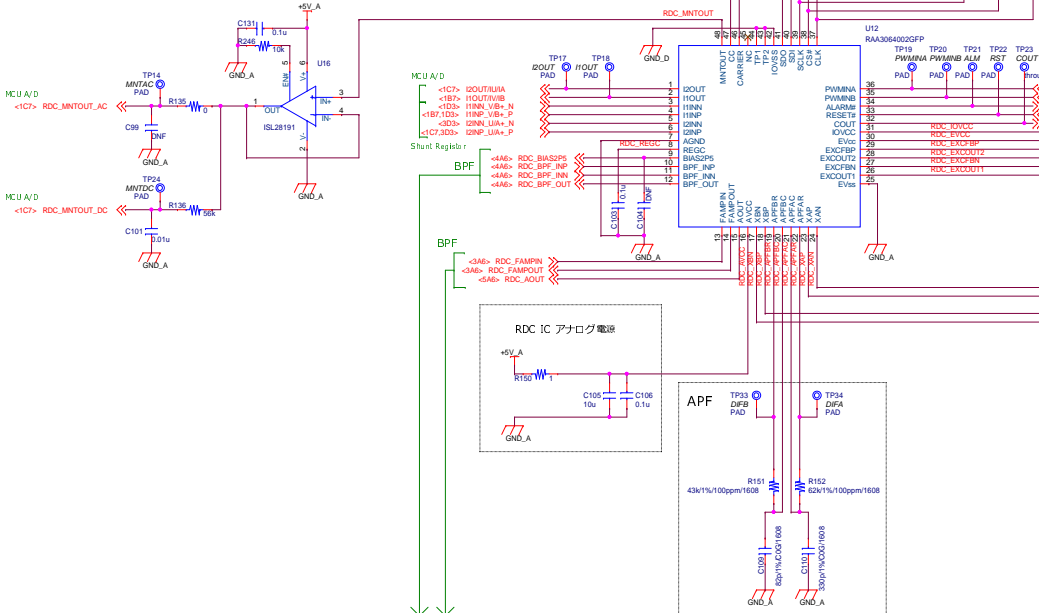
Title				
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## RDC

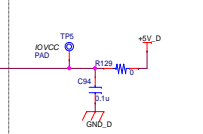
## 励磁指令LPR



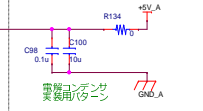
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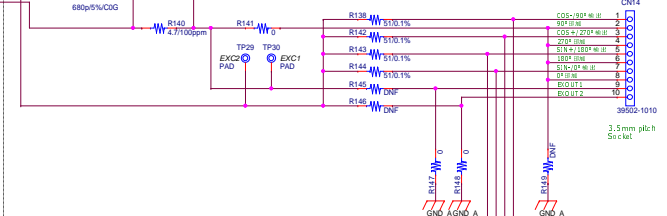
RDC IC IO電源



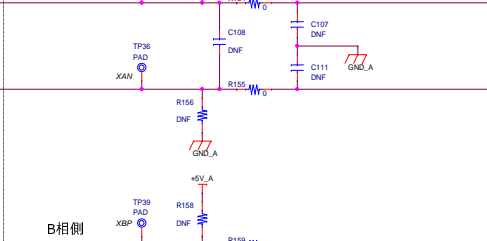
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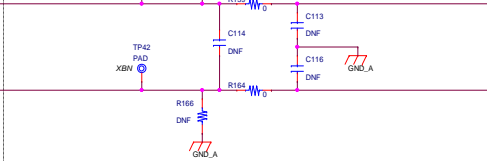
## レゾルバコネクタ



A相供

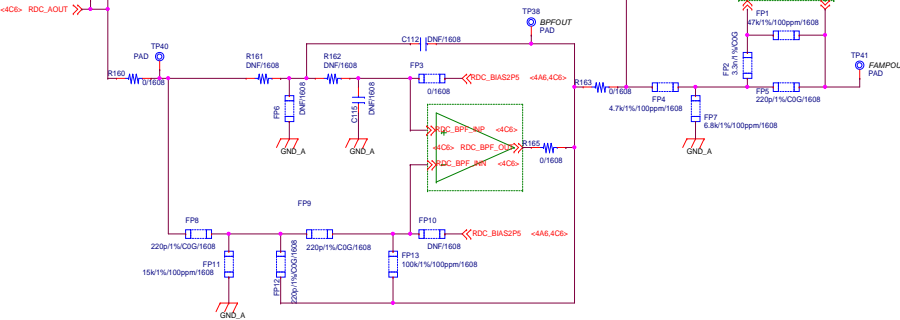


B相供



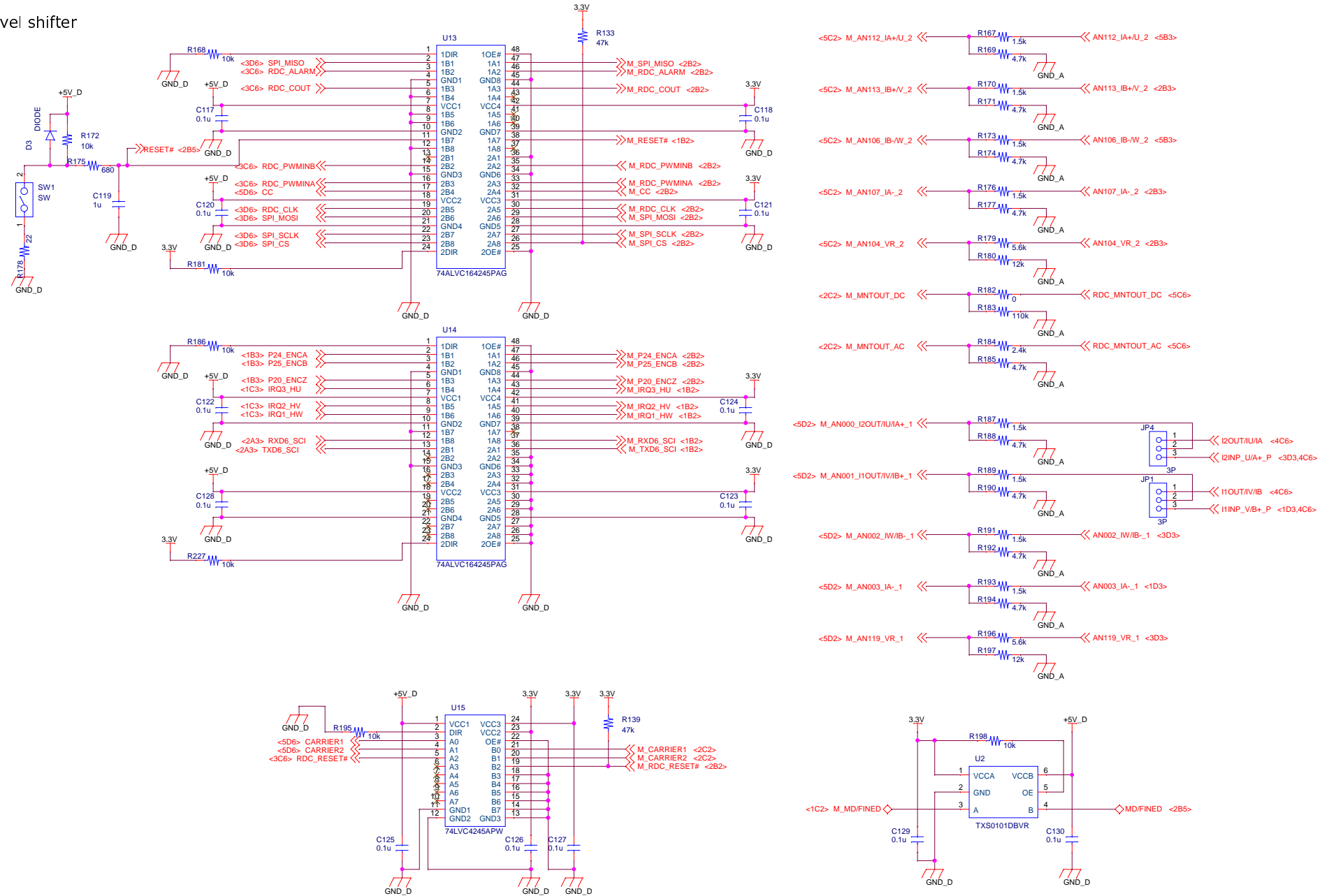
## BPF

フィルタ用部品実装パターン



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# Level shifter



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1.10	2023/6/12	Added U16,C131,R246
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