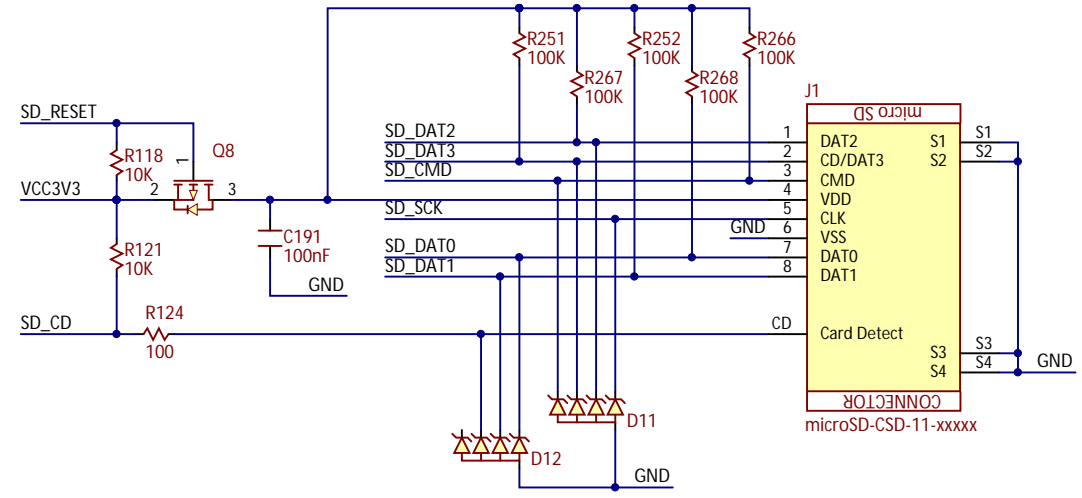
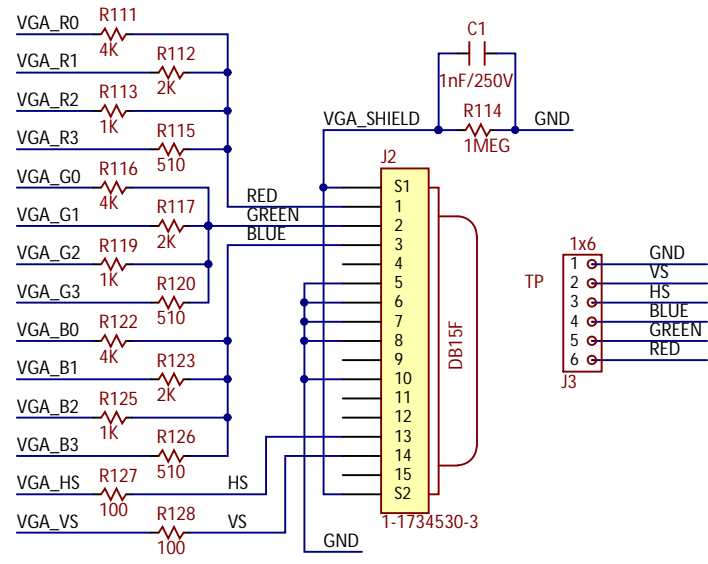
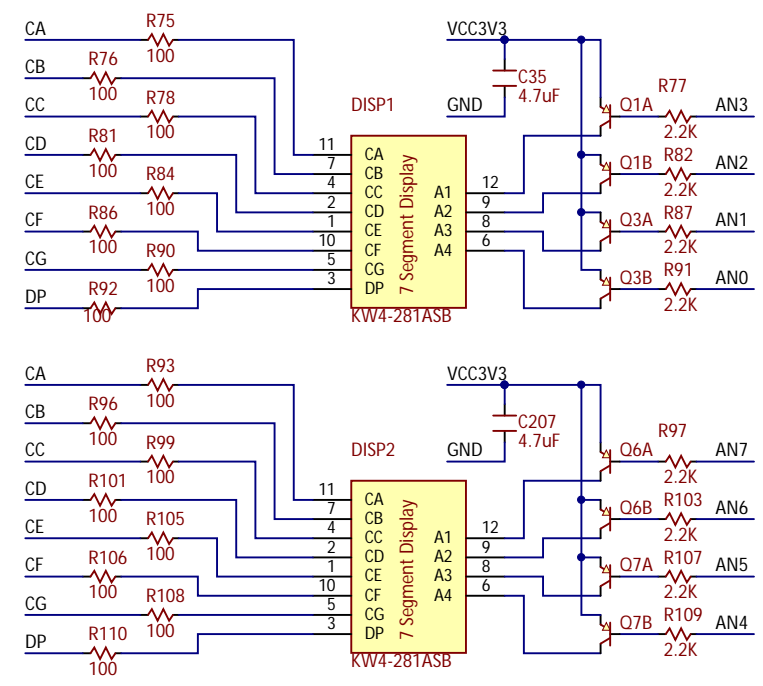
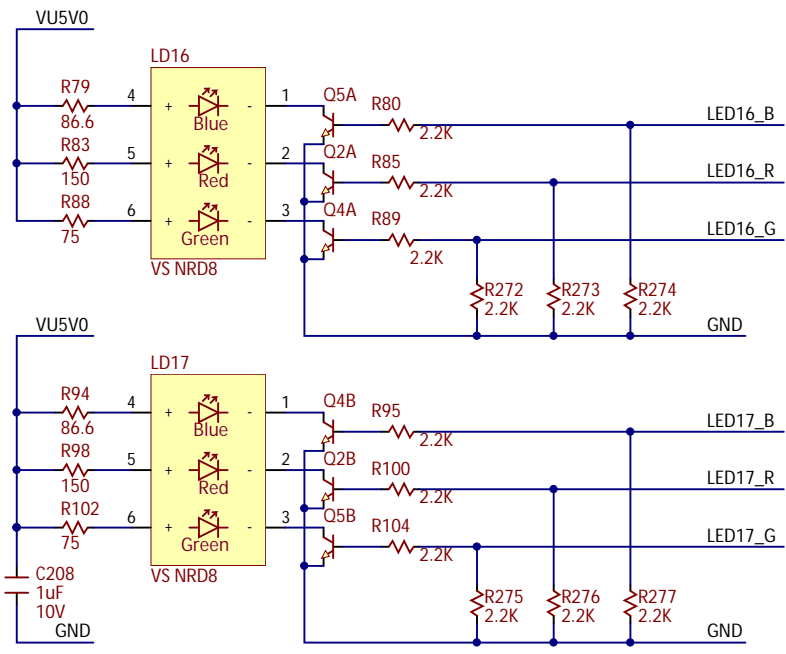


- F1 Foot
- F2 Foot
- F3 Foot
- F4 Foot

- CE
- ROHS
- Xilinx
- Digilent Inc.
- Chinese ROHS
- Analog Devices

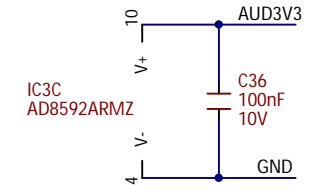
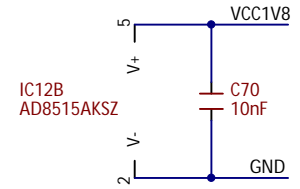
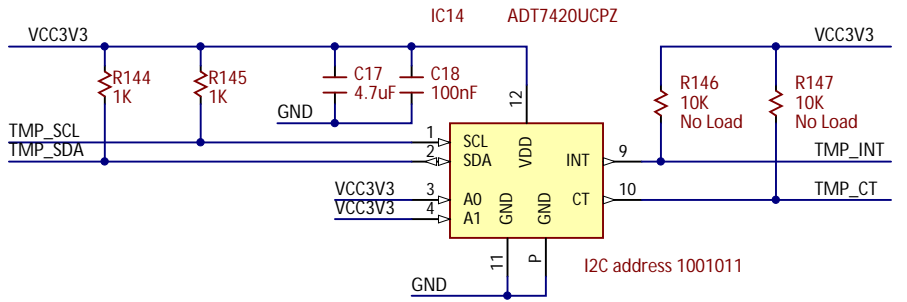
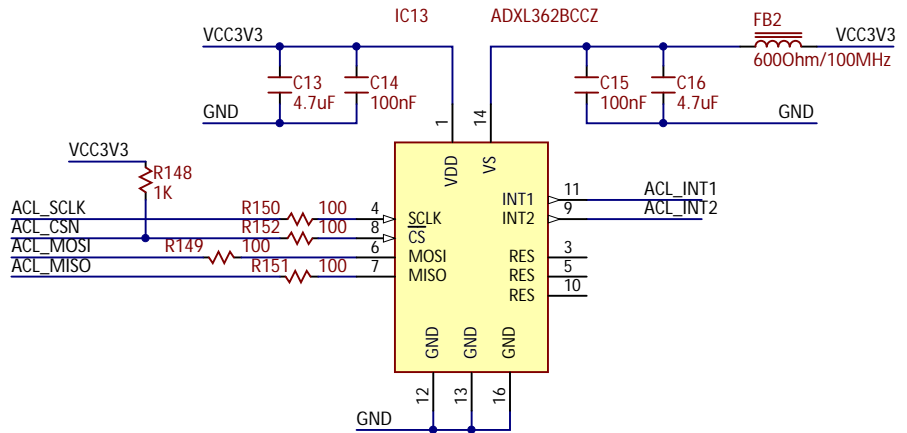
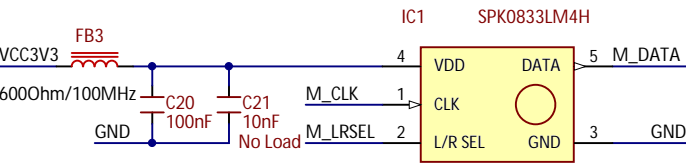
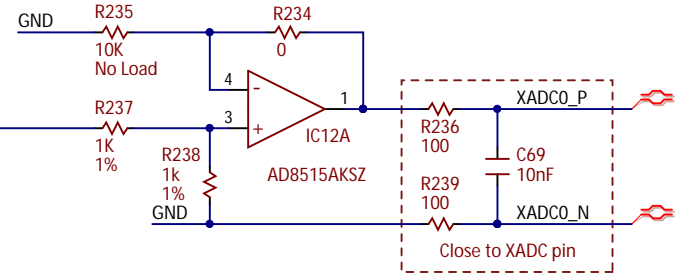
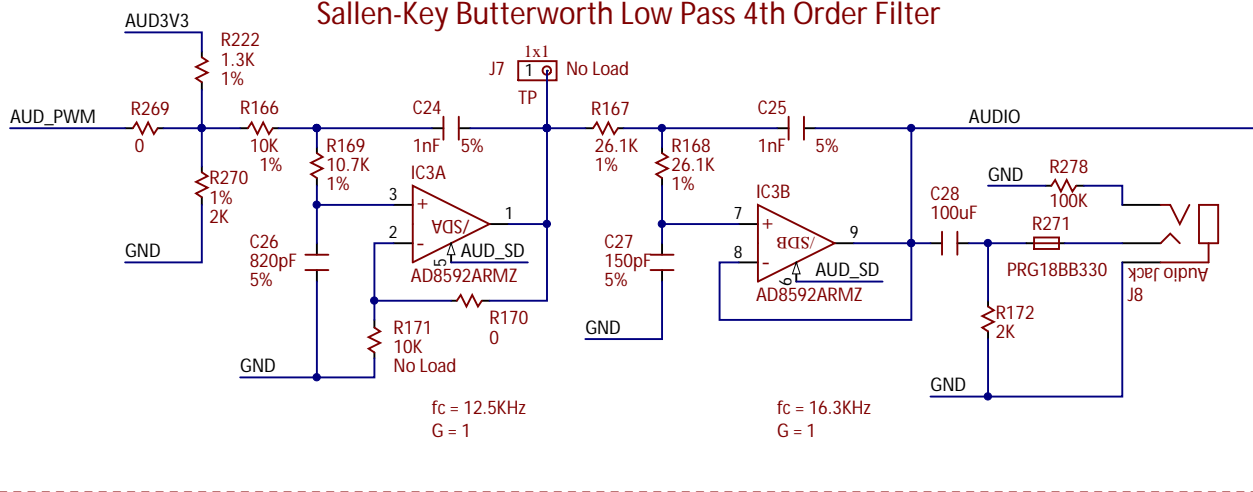
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Doc#	500-292	
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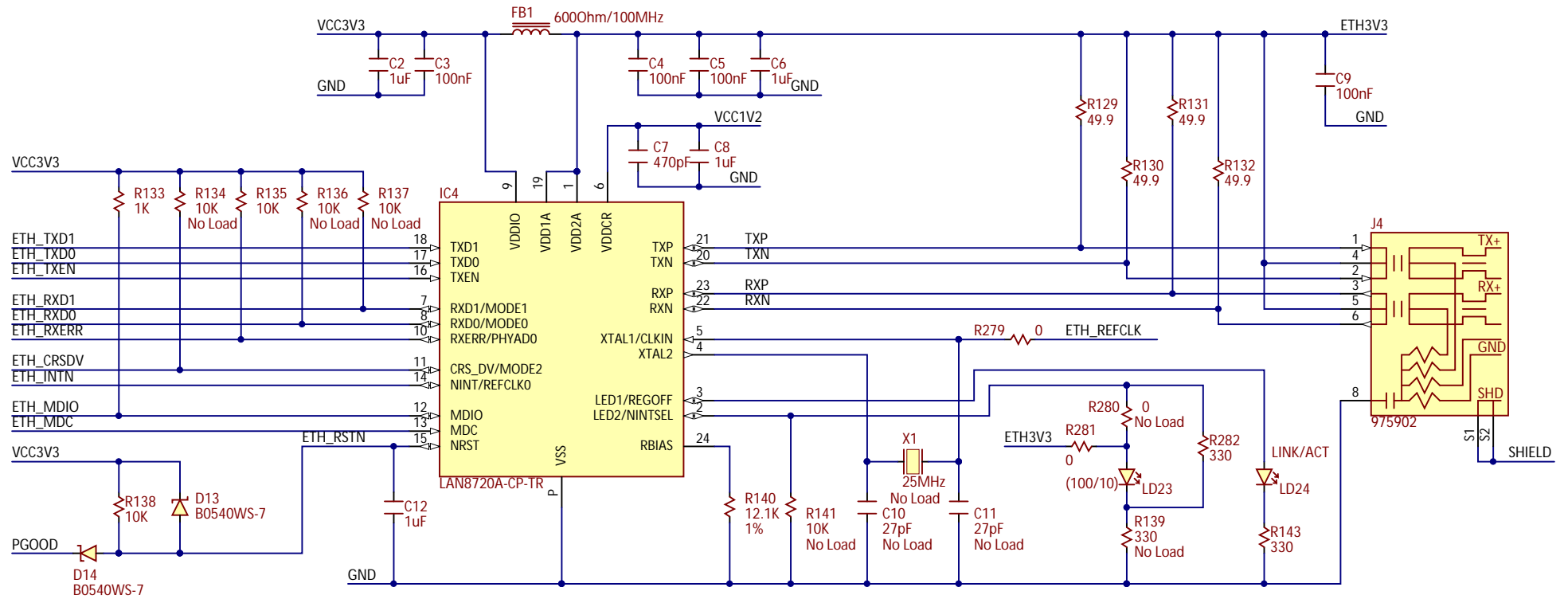
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Sallen-Key Butterworth Low Pass 4th Order Filter



- For more information on the parts used in this design, please refer to:
- <http://www.analog.com/ad8592> (CMOS Single Supply RRIO Dual Op Amp with ±250 mA Output Current and Shutdown Mode)
 - <http://www.analog.com/ad8515> (1.8 V Low Power CMOS Rail-to-Rail Input/Output Operational Amplifier)
 - <http://www.analog.com/adxl362> (Micropower, 3-Axis, ±2 g/±4 g/±8 g Digital Output MEMS Accelerometer)
 - <http://www.analog.com/adt7420> (±0.25°C Accurate, 16-Bit Digital I2C Temperature Sensor)

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NOTE: REF_CLK In Mode (ETH_REFCLK = 50MHz)

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A

B

C

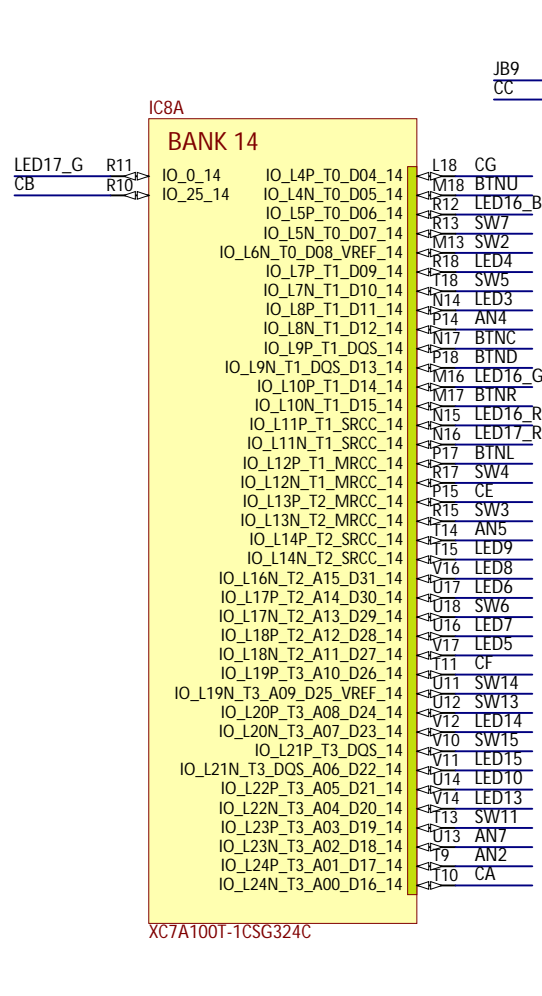
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B

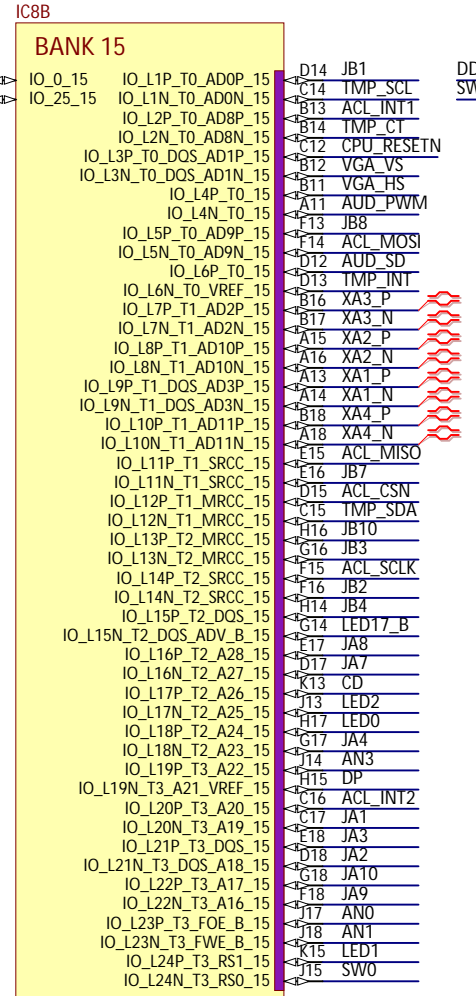
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D

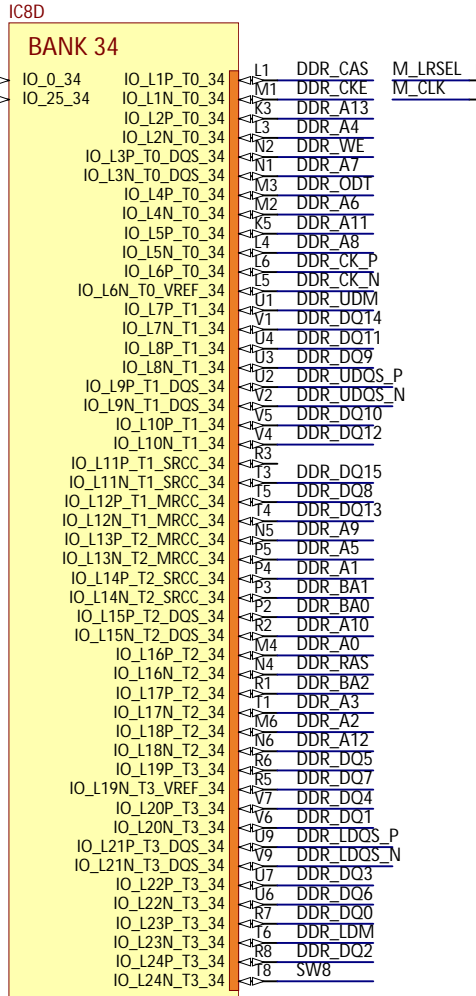
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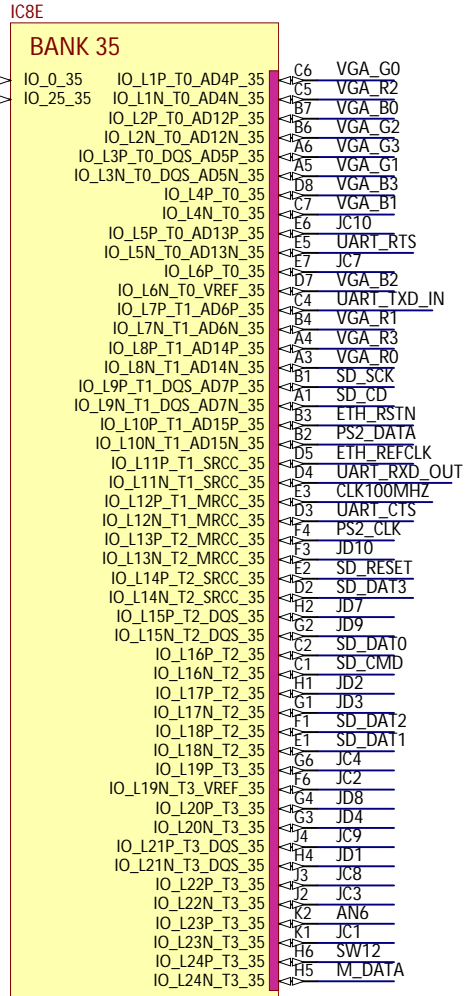
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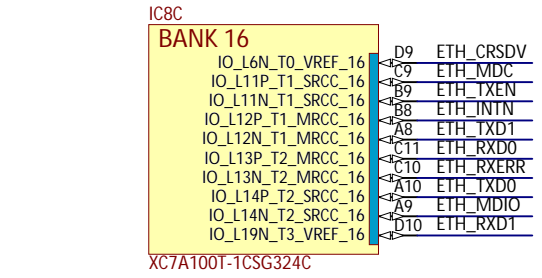
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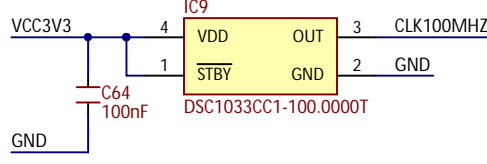
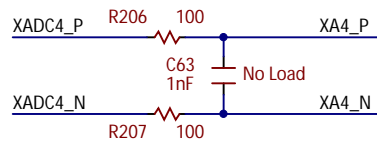
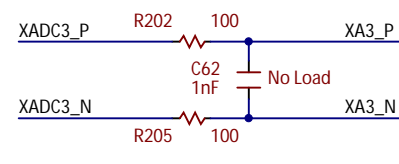
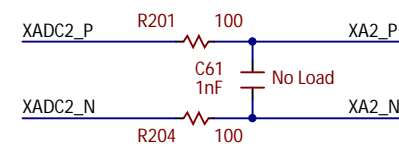
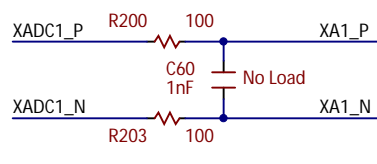
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XC7A100T-1CSG324C



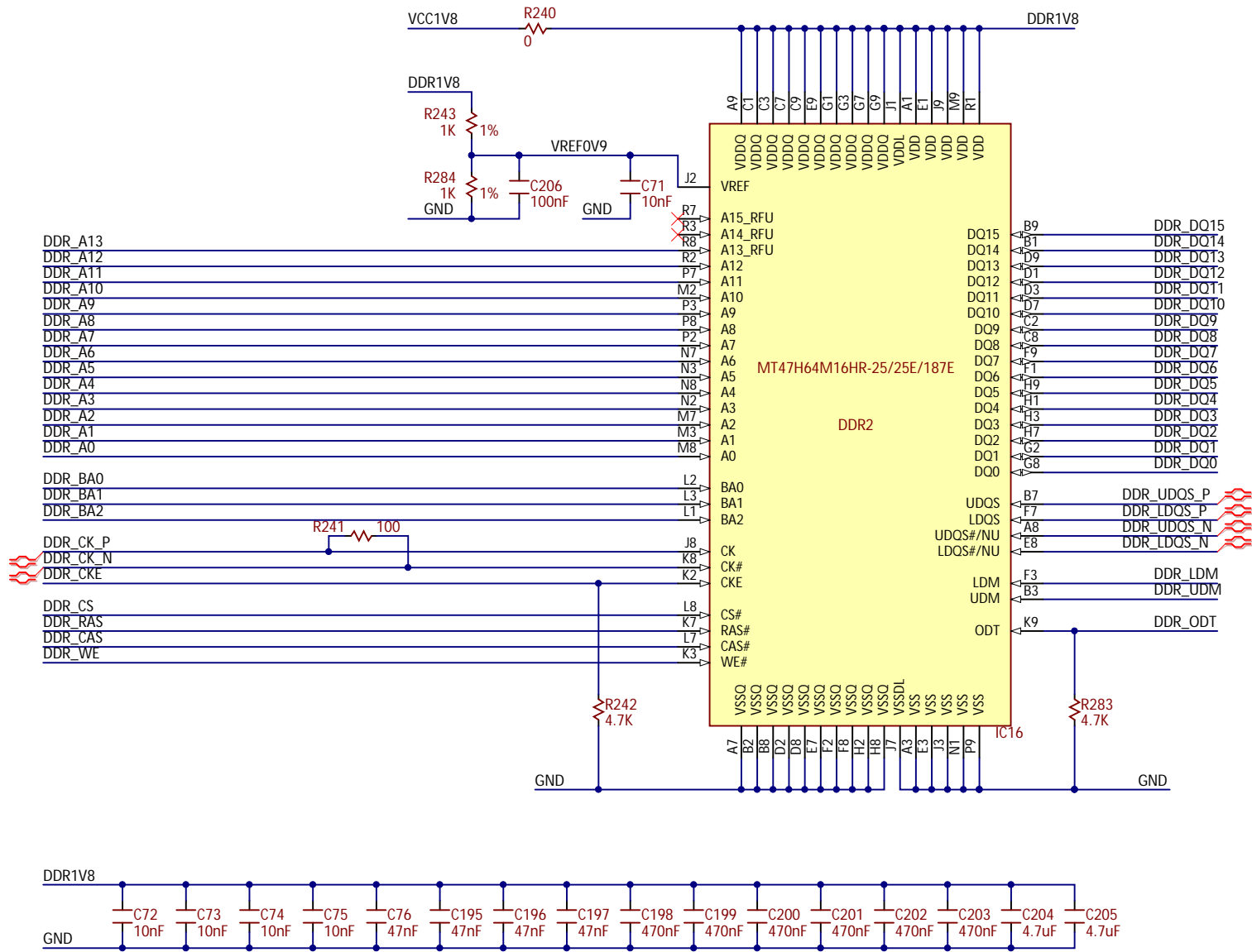
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IC8G

PWR/GND

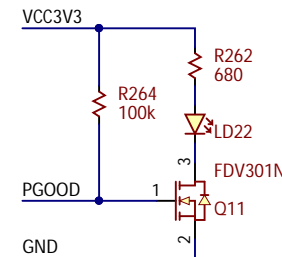
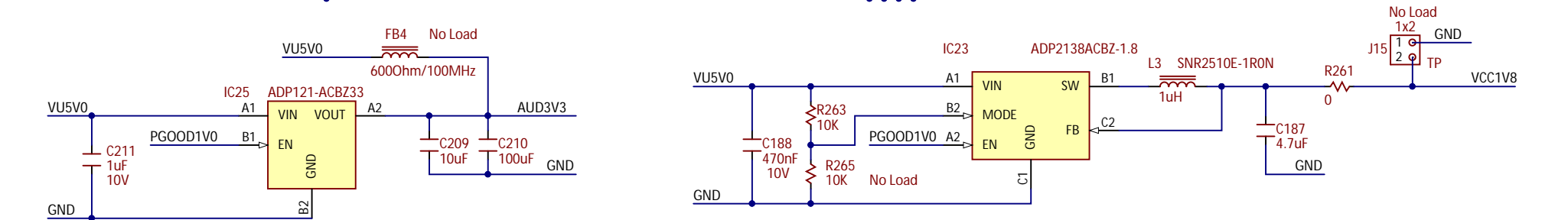
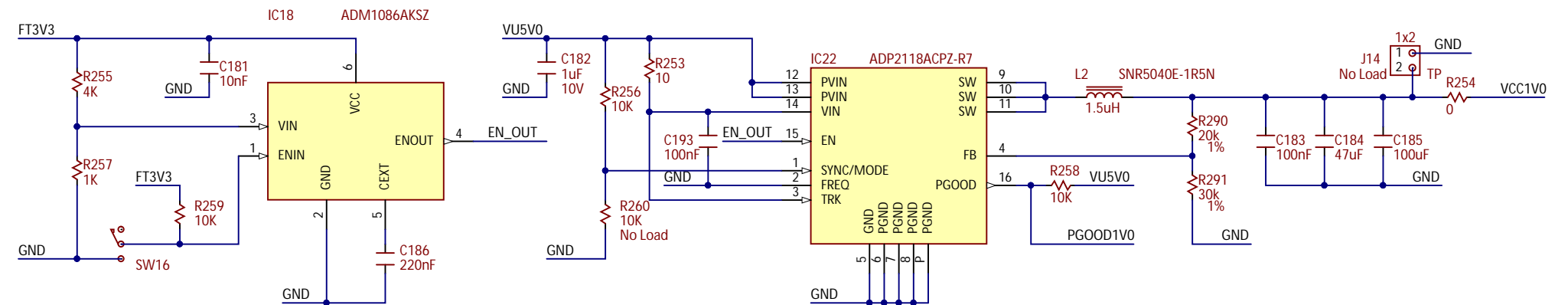
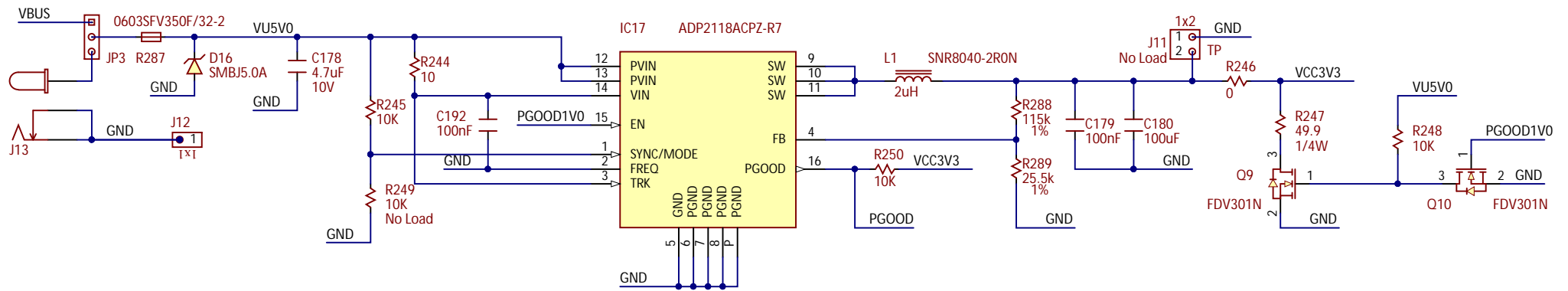
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- A2 GND
- B15 GND
- B5 GND
- C18 GND
- C8 GND
- D11 GND
- D1 GND
- E14 GND
- E4 GND
- F17 GND
- F11 GND
- F9 GND
- F7 GND
- G12 GND
- G10 GND
- G8 GND
- H13 GND
- H11 GND
- H7 GND
- H3 GND
- J16 GND
- J12 GND
- J8 GND
- J6 GND
- K11 GND
- K7 GND
- L12 GND
- L8 GND
- L2 GND
- M15 GND
- M11 GND
- M9 GND
- M7 GND
- M5 GND
- N18 GND
- N12 GND
- N10 GND
- N8 GND
- P1 GND
- R14 GND
- R4 GND
- T17 GND
- T7 GND
- U10 GND
- V13 GND
- V3 GND

- VCCO_14
- VCCO_14
- VCCO_14
- VCCO_14
- VCCO_14
- VCCO_15
- VCCO_15
- VCCO_15
- VCCO_15
- VCCO_15
- VCCO_15
- VCCO_34
- VCCO_34
- VCCO_34
- VCCO_34
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- VCCO_34
- VCCO_34
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- VCCO_35
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- VCCO_35
- VCCO_0
- VCCO_16
- VCCBRAM
- VCCBRAM
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- VCCINT
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- VCCINT
- VCCINT
- VCCINT
- VCCBATT_0



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For more information on the parts used in this design, please refer to:

- <http://www.analog.com/adp2118> (3 A, 1.2 MHz/600 kHz High Efficiency Synchronous Step-Down DC-to-DC Regulator)
- <http://www.analog.com/adm1086> (Voltage Sequencer with Active High, Push-Pull Enable Output)
- <http://www.analog.com/adp2138> (Compact, 800 mA, 3 MHz, Step-Down DC-to-DC Converter)
- <http://www.analog.com/adp121> (CMOS Linear Regulator, 150 mA, Low Quiescent Current)

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