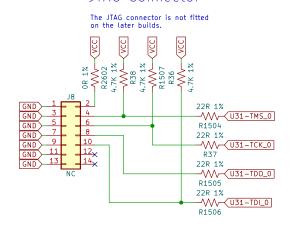
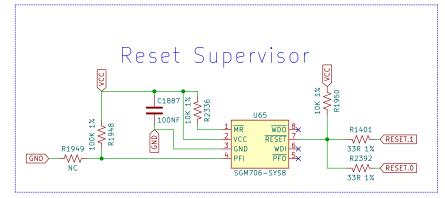
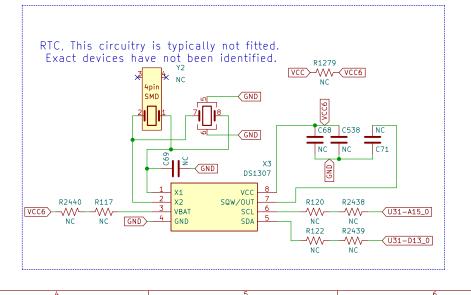


JTAG Connector







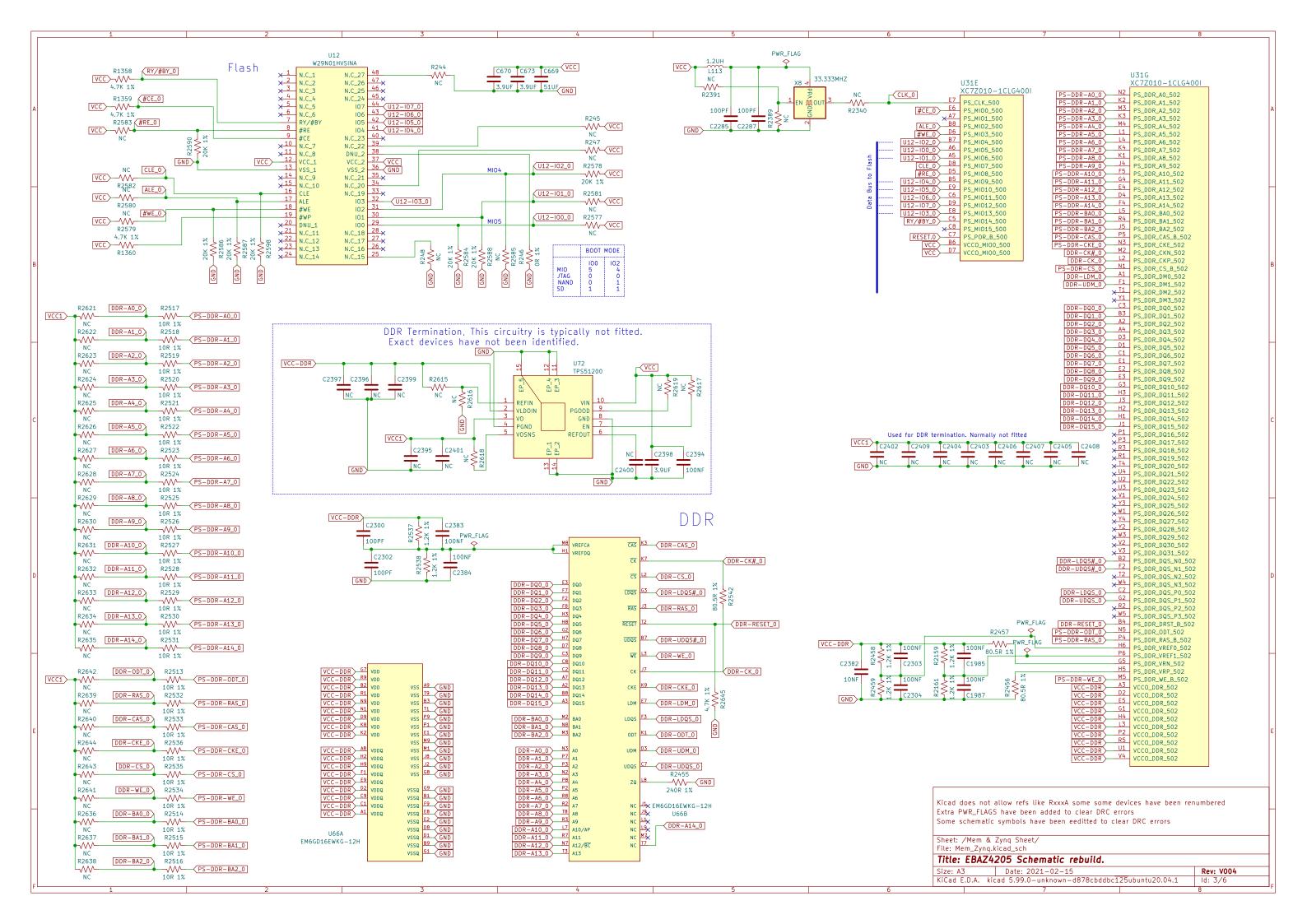
Kicad does not allow refs like RxxxA some some devices have been renumbered Extra PWR_FLAGS have been added to clear DRC errors

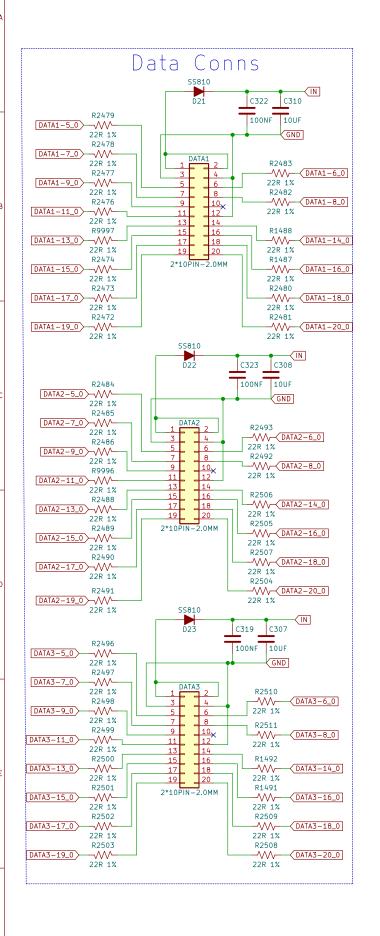
Some schematic symbols have been eeditted to clear DRC errors

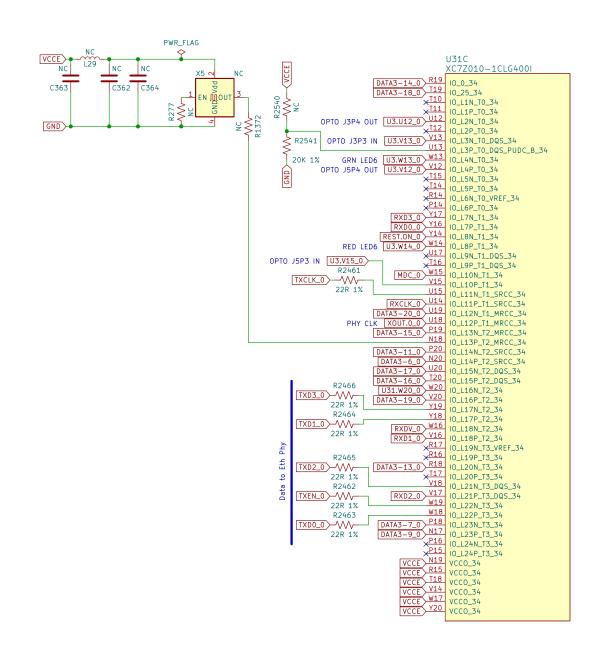
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Title: EBAZ4205 Schematic rebuild.

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XC7Z010-1CLG400I XJ15 10_25_35 DATA1-8-0 B20 IO_L1N_TO_AD0N_35
DATA1-9-0 C20 IO_L1P_TO_AD0P_35
DATA1-5-0 A20 IO_L2N_TO_AD8N_35
DATA1-7-0 B19 IO_L2P_TO_AD8P_35 D18 IO_L3N_TO_DQS_AD1N_35 DATA1 - 13_0 IO_L3P_T0_DQS_AD1P_35 D20 10_L4N_T0_35 D19 10_L4P_T0_35 DATA1-18_0 E19 10_L5N_T0_AD9N_35 ×E18 | IO_L5P_TO_AD9P_35 | XF17 | IO_L6N_TO_VREF_35 | XF16 | IO_L6P_TO_35 | XF16 | IO_L6 DATA2-19_0 M20 | IO_L7N_T1_AD2N_35 | DATA2-17_0 M18 | IO_L8N_T1_AD10N_35 | DATA2-17_0 M18 | IO_L8N_T1_AD10N_35 | DATA3-8_0 M17 IO_L8P_T1_AD10P_35 J19 10 L10N T1 AD11N 35 L17 | IO_L11N_T1_SRCC_35 L16 IO_L11P_T1_SRCC_35 DATA2-11_0 K18 IO_L12N_T1_MRCC_35 DATA1-20_0 K17 DATA1-11_0 H17 IO_L12P_T1_MRCC_35 IO_L13N_T2_MRCC_35 DATA1-17_0 F20 IO_L14N_T2_AD4N_SRCC_35 F19 10_L15P_T2_DQS_AD12P_35 ×618 10_L16P_T2_35 H20 10_L16P_T2_35 H20 10_L16P_T2_35 DATA2-8.0 H20 IO_L16P_T2_35

DATA2-14_0 J20 IO_L17P_T2_ADS0_35

DATA2-5_0 G20 IO_L17P_T2_ADS0_35 G19 IO_L18P_T2_AD13P_35 XG15 | IO_L19N_T3_VREF_35 | XH15 | IO_L19P_T3_35 | 10_L19P_T3_35 | 2J14 | 0_L20N_T3_AD6N_35 | 2K14 | 10_L20P_T3_AD6P_35 | 10_L20P_T3_AD6P_35 | 10_L21N_T3_DQS_AD14N_35 XN15 IO_L21P_T3_DQS_AD14P_35

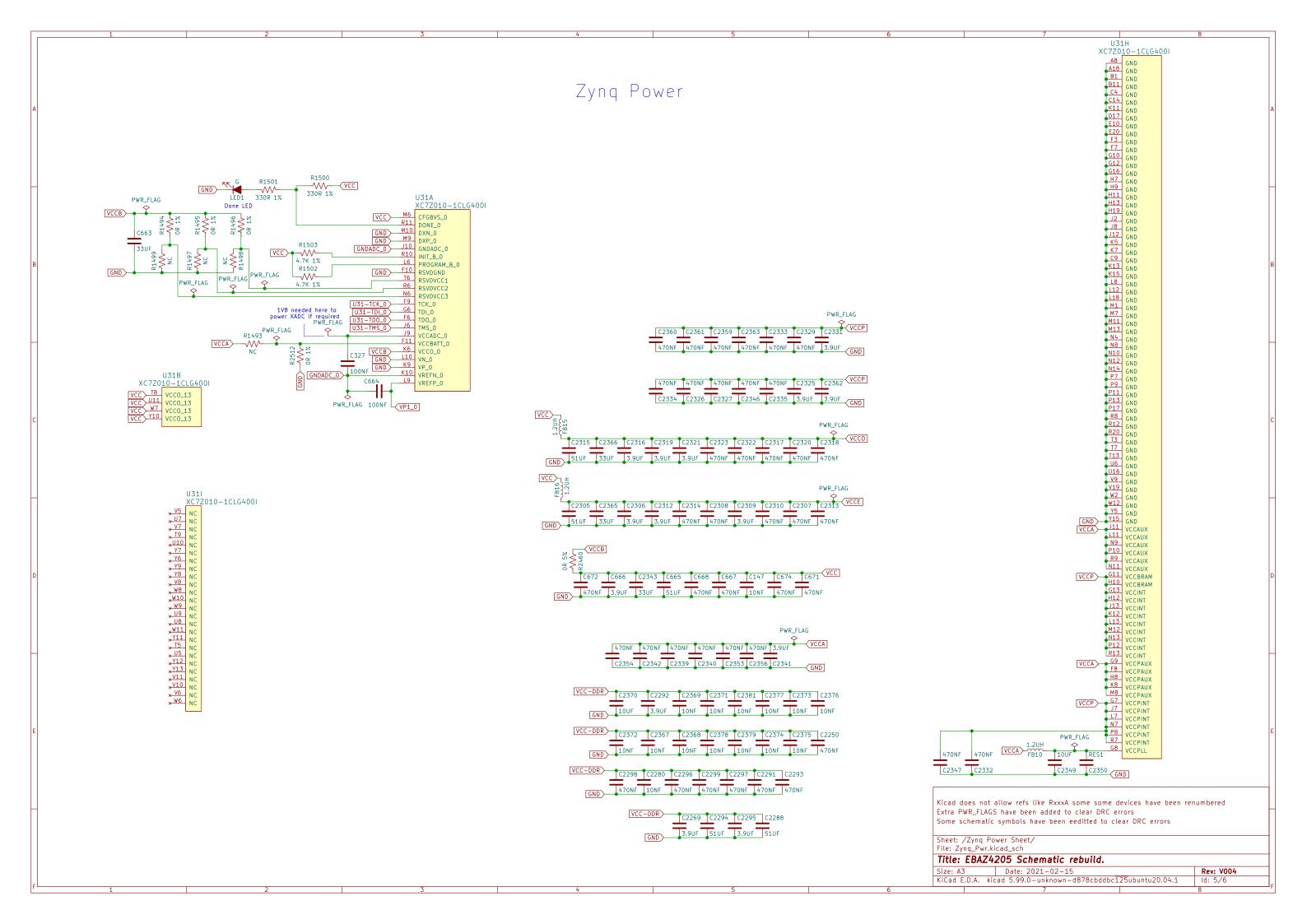
Kicad does not allow refs like RxxxA some some devices have been renumbered Extra PWR_FLAGS have been added to clear DRC errors

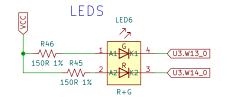
Some schematic symbols have been eeditted to clear DRC errors

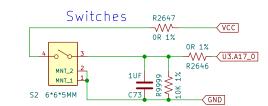
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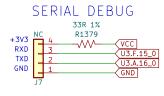
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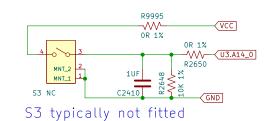
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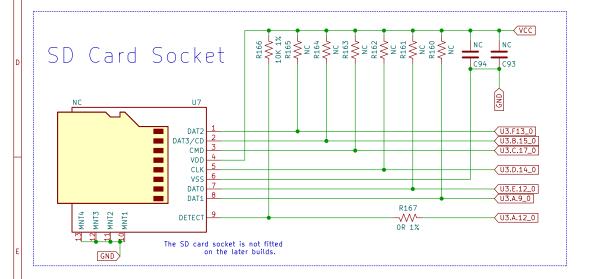


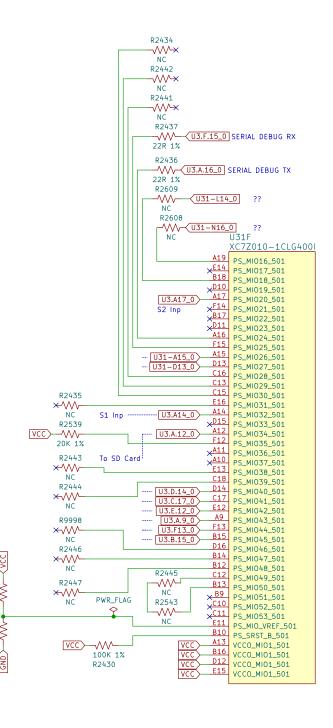




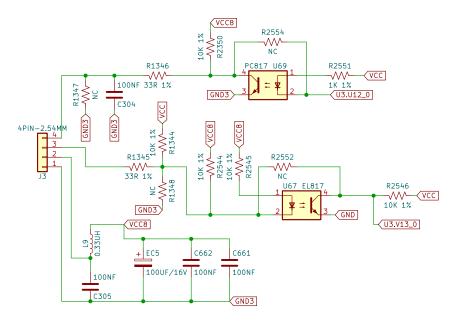




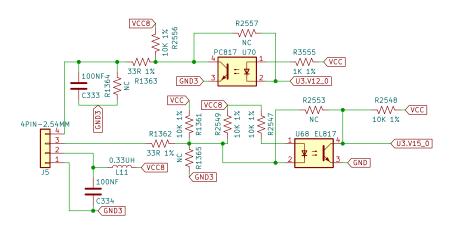




Opto-Isolators



Later build boards do not have the opto devices fitted. In this case the bypass resistors are fitted to allow a single input and output on both J3 and J5



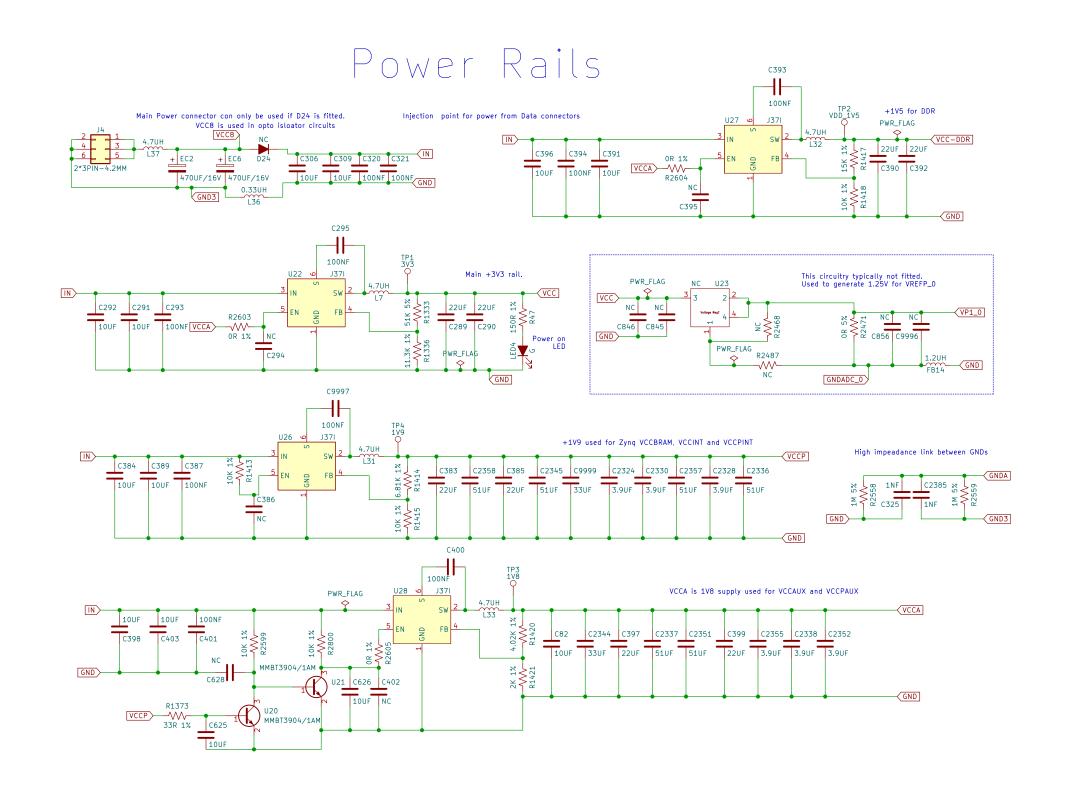
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Some schematic symbols have been eeditted to clear DRC errors

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R9999 was R120A R9998 was R2445B R9997 was R2473A R9996 was R2487A R9995 was R2641A

C9999 was C2349A C9998 was C379A C9997 was C386A C9996 was C856A

Kicad does not allow refs like RxxxA some some devices have been renumbered Extra PWR_FLAGS have been added to clear DRC errors Some schematic symbols have been eeditted to clear DRC errors $% \left(1\right) =\left(1\right) \left(1\right$

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