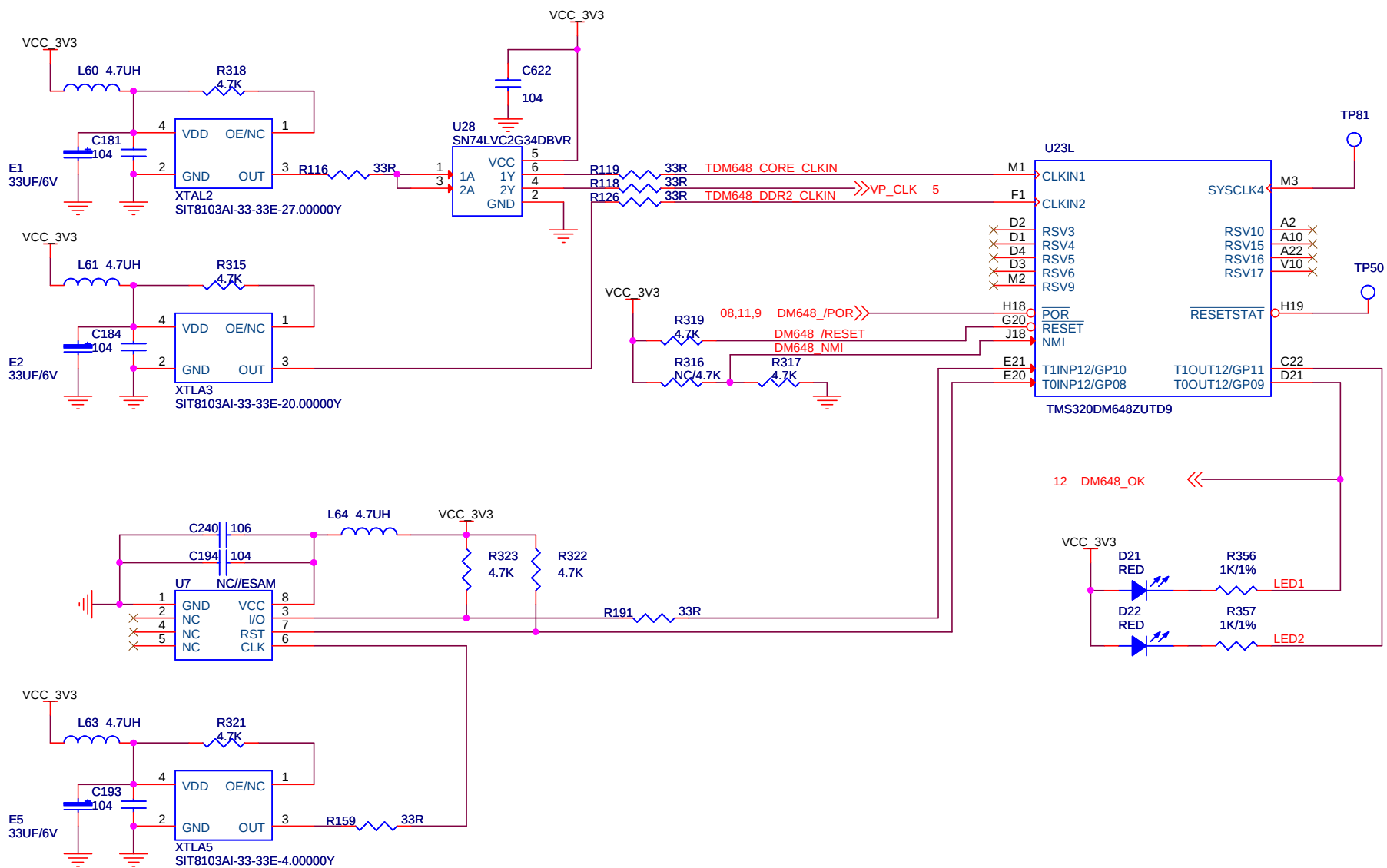




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DM648 EVM - Reset and Clock Source		
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U23D
TMS320DM648ZUTD9

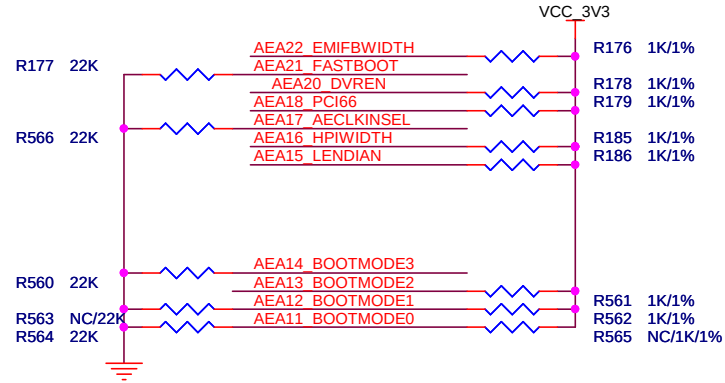
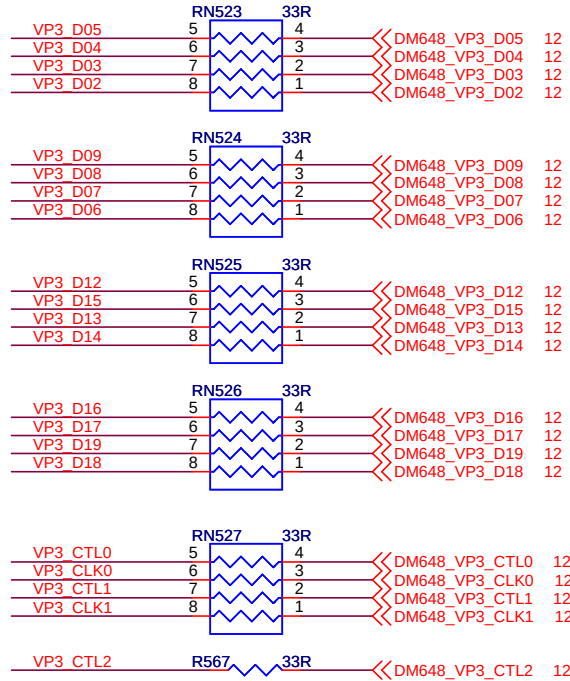
Video Port 3/EMIF

Video Port 4/EMIF

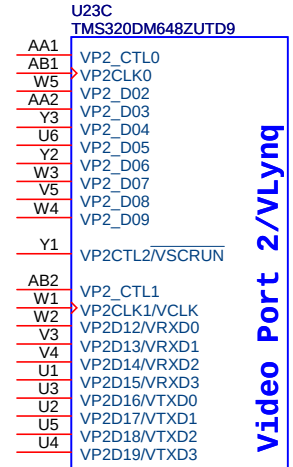
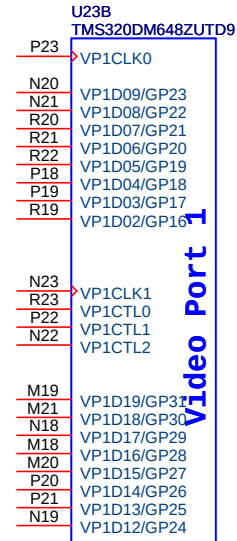
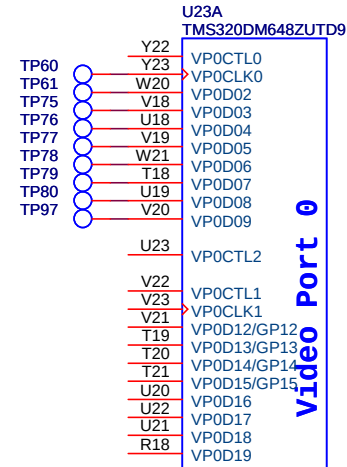
EMIF/Bootmode

VP3CTL0/ASDWE	T2	VP3_CTL0
VP3CLK0/AECLKIN	T1	VP3_CLK0
VP3D02/AED00	T6	VP3_D02
VP3D03/AED01	T5	VP3_D03
VP3D04/AED02	T4	VP3_D04
VP3D05/AED03	T3	VP3_D05
VP3D06/AED04	R6	VP3_D06
VP3D07/AED05	R5	VP3_D07
VP3D08/AED06	R4	VP3_D08
VP3D09/AED07	R3	VP3_D09
VP3CTL2/AOE	P2	VP3_CTL2
VP3CTL1/ARNW	R1	VP3_CTL1
VP3CLK1/AECLKOUT	P1	VP3_CLK1
VP3D12/AED08	R2	VP3_D12
VP3D13/AED09	P6	VP3_D13
VP3D14/AED10	P5	VP3_D14
VP3D15/AED11	P4	VP3_D15
VP3D16/AED12	P3	VP3_D16
VP3D17/AED13	N4	VP3_D17
VP3D18/AED14	N6	VP3_D18
VP3D19/AED15	N5	VP3_D19
VP4CTL0/ABA0	J2	
VP4CLK0/AARDY	L1	
VP4D02/ABE00	L2	
VP4D03/ABE01	M4	
VP4D04/ABE10	M5	
VP4_D05	M6	
VP4D06/ACE2	L3	
VP4_D07/ACE3	L4	
VP4D08/AEA00	L5	
VP4D09/AEA01	K3	
VP4CTL2/AADS	K2	
VP4CTL1/ABA1	J1	
VCLK_VP4_CLK1	K1	
VP4D12/AEA02	K4	
VP4D13/AEA03	L6	
VP4D14/AEA04	K5	
VP4D15/AEA05	J3	
VP4D16/AEA06	J4	
VP4D17/AEA07	J5	
VP4D18/AEA08	J6	
VP4D19/AEA09	K6	

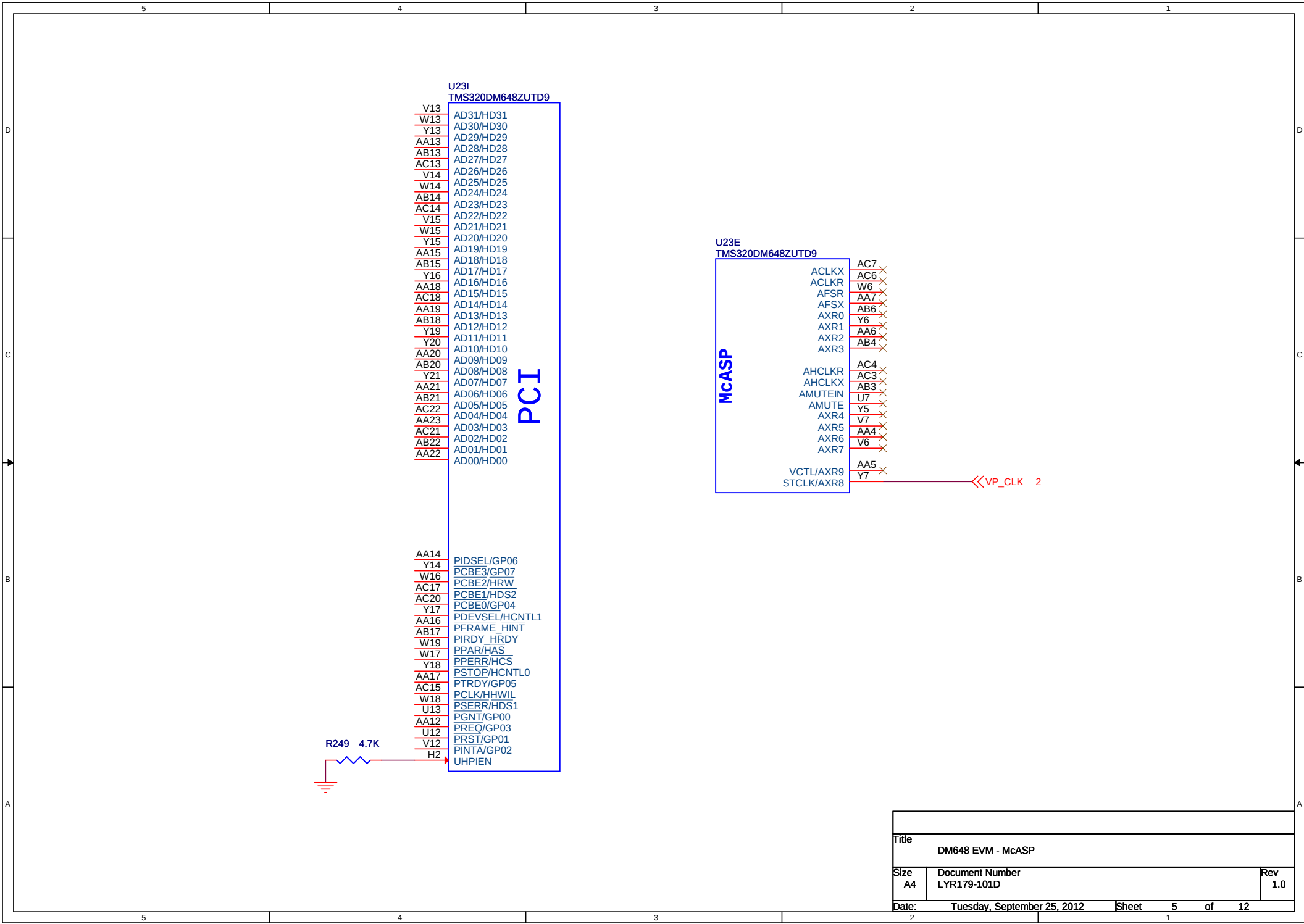
BOOTMODE0/AEA11	F3	AEA11_BOOTMODE0
BOOTMODE1/AEA12	F4	AEA12_BOOTMODE1
BOOTMODE2/AEA13	F5	AEA13_BOOTMODE2
BOOTMODE3/AEA14	G6	AEA14_BOOTMODE3
RSV_BOOT/AEA15	H6	AEA15_LENDIAN
HPIWIDTH/AEA16	H3	AEA16_HPIWIDTH
AECLKINSEL/AEA17	G4	AEA17_AECLKINSEL
PCI66/AEA18	G5	AEA18_PCI66
AEA19	H5	AEA19_PLLBYPASS2
DEVCE_ENABLE0/AEA20	F2	AEA20_DVREN
FASTBOOT/AEA21	G2	AEA21_FASTBOOT
EMIBWIDTH/AEA22	G3	AEA22_EMIFBWIDTH
AEA23	H4	AEA23_H4



Configuration	Bootmode
AEA15: must pull up with a 1K resistor,	Bootmode[3:0]=0101 I2C boot
AEA16: HPI bus with selection,	Bootmode[3:0]=0110 SPI boot
AEA17: EMIFA clolck set,0:internal,1:extern	
AEA18: PCI frequency,0:33MHZ,1:66MHZ,	
AEA20: must pull up with a 1K resistor,	
AEA21: fast boot of device,	
AEA22: 0:8bit,1:16bit	

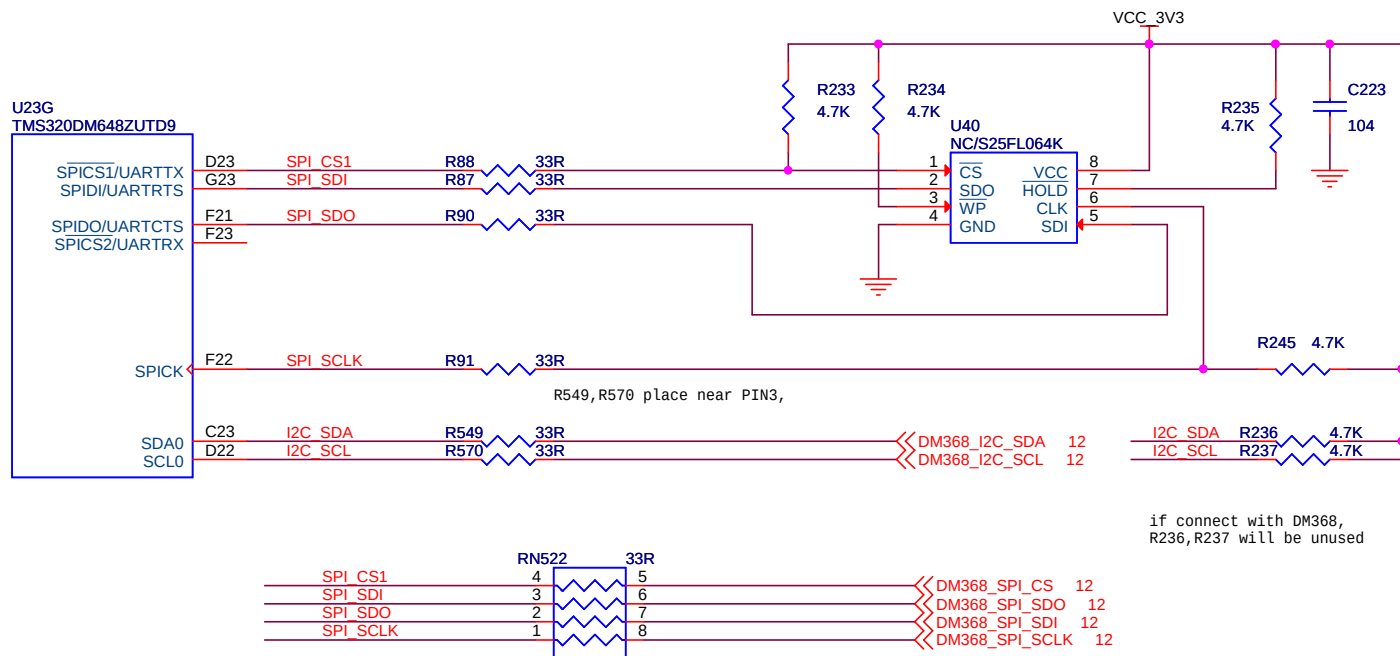


Title DM648 EVM - McASP		
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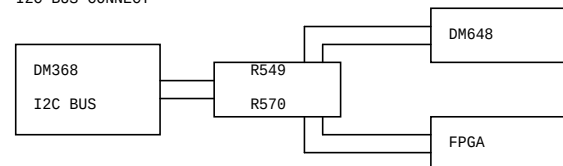


Title		
DM648 EVM - McASP		
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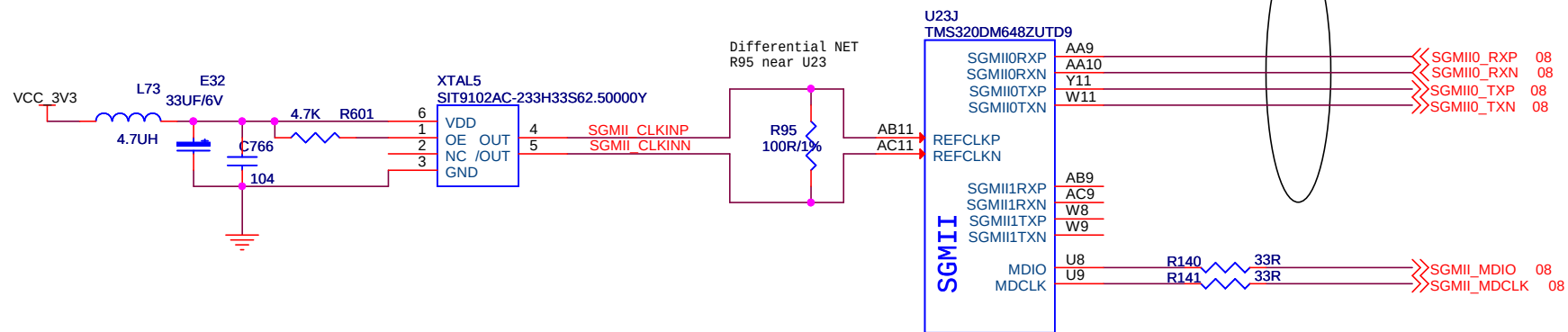
NOTE:when the DM648 boot from SPI,the DM648(SPI) just can be work in master mode
NOTE:place these parts near U23



I2C BUS CONNECT



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DM648 EVM - I2C, SPI FLASH, AND UART		
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DM648 EVM - SGMII		
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