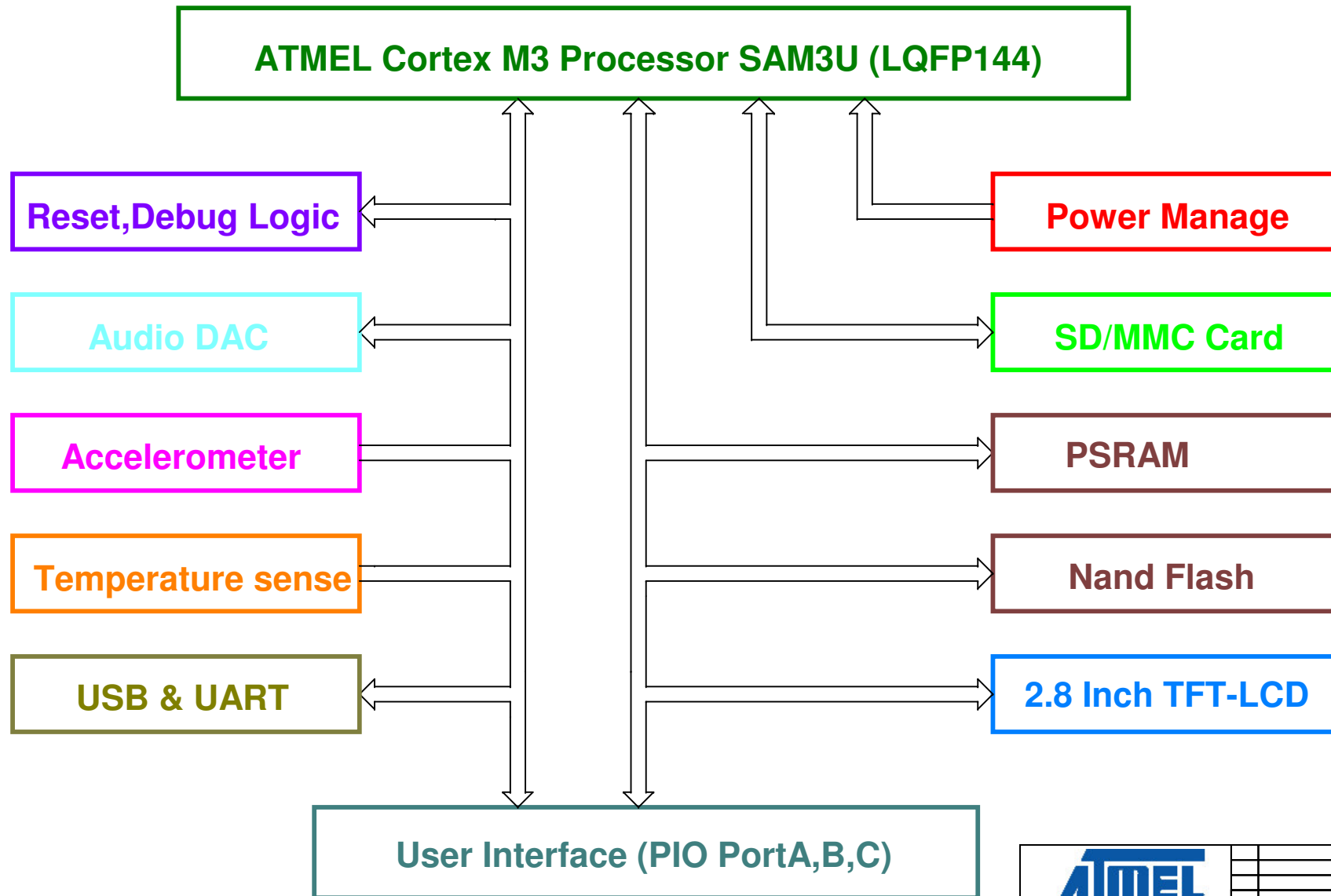




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	B		ZXL	19-MAY-09	PP	20-JAN-10	
A	INIT EDIT	ZXL	03-FEB-09	XXX	XX-XXX-XX		
REV	MODIF.	DES.	DATE	VER.	DATE		
SCALE	1/1				REV.	SHEET	
					B	1/15	
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1. SAM3U-EK Revision HISTORY

Rev: A  
SCH: SAM3U-EK RevA Data: 2008/12  
Note: Original Released

Rev: B  
SCH: SAM3U-EK RevB Data: 2009/04  
Note: Final Released

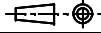
2. Explain of Schematics

- (1) Resistance Unit: "K" is "K|,"
- (2) "DNP" means the component is not populated by default



SAM3U-EK RevB

Design notes

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SCALE 1/1				REV. B	SHEET 2/15
					
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{7,8,9,10,11,12,14,15} PA[31:0]

PB[31:0] {5,6,7,11,13,14,15}

MN1A  
SAM3U

PA0 109  
PA1 111  
PA2 113  
PA3 115  
PA4 117  
PA5 119  
PA6 121  
PA7 123  
PA8 128  
PA9 130  
PA10 132  
PA11 133  
PA12 134  
PA13 87  
PA14 88  
PA15 91  
PA16 93  
PA17 95  
PA18 99  
PA19 100  
PA20 101  
PA21 102  
PA22 77  
PA23 103  
PA24 105  
PA25 106  
PA26 107  
PA27 64  
PA28 45  
PA29 46  
PA30 78  
PA31 48

PA0/WKUP0  
PA1/WKUP1  
PA2/WKUP2  
PA3/CK  
PA4/CDA  
PA5/DA0  
PA6/DA1  
PA7/DA2  
PA8/DA3  
PA9/TWD0  
PA10/TWCK0  
PA11/URXD  
PA12/UTXD  
PA13/MISO  
PA14/MOSI  
PA15/SPCK  
PA16/NPCS0  
PA17/WKUP7  
PA18/WKUP8  
PA19/WKUP9  
PA20/TXD1  
PA21/RXD1  
PA22/RTS1  
PA23/CTS2  
PA24/WKUP11  
PA25/WKUP12  
PA26/TD  
PA27/PCK0  
PA28/TK  
PA29/PWMH1  
PA30/TF  
PA31/RF

PB0/PWMH0 53  
PB1/PWMH1 55  
PB2/PWMH2 57  
PB3/AD12BAD2 79  
PB4/AD12BAD3 80  
PB5/AD0 65  
PB6/D15 66  
PB7/A0/NBS0 67  
PB8/A1 68  
PB9/D0 31  
PB10/D1 30  
PB11/D2 59  
PB12/D3 61  
PB13/D4 62  
PB14/D5 29  
PB15/D6 97  
PB16/D7 96  
PB17/NANDOE 26  
PB18/NANDWE 25  
PB19/NRD 24  
PB20/NCS0 23  
PB21/A21/NANDALE 21  
PB22/A22/NANDCLE 20  
PB23/NWR0/NWE 19  
PB24/NANDRDY 15  
PB25/D8 14  
PB26/D9 13  
PB27/D10 12  
PB28/D11 10  
PB29/D12 8  
PB30/D13 6  
PB31/D14 5

PB0  
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PB2  
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PB24  
PB25  
PB26  
PB27  
PB28  
PB29  
PB30  
PB31

{5,6,7,10,11,14,15} PC[31:0]

PC[31:0] {5,6,7,10,11,14,15}

PC0 110  
PC1 112  
PC2 114  
PC3 116  
PC4 118  
PC5 120  
PC6 122  
PC7 124  
PC8 129  
PC9 131  
PC10 89  
PC11 92  
PC12 94  
PC13 98  
PC14 28  
PC15 81

PC0/A2  
PC1/A3  
PC2/A4  
PC3/A5  
PC4/A6  
PC5/A7  
PC6/A8  
PC7/A9  
PC8/A10  
PC9/A11  
PC10/A12  
PC11/A13  
PC12/NCS1  
PC13/RXD3  
PC14/NPCS2  
PC15/NWR1/NBS1

PC16/NCS2 82  
PC17/AD12BAD6 83  
PC18/AD12BAD7 84  
PC19/NPCS1 32  
PC20/A14 108  
PC21/A15 22  
PC22/A16 47  
PC23/A17 49  
PC24/A18 54  
PC25/A19 56  
PC26/PWMH2 58  
PC27/A23 63  
PC28/DA4 69  
PC29/DA5 70  
PC30/DA6 71  
PC31/DA7 72

PC16  
PC17  
PC18  
PC19  
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PC31

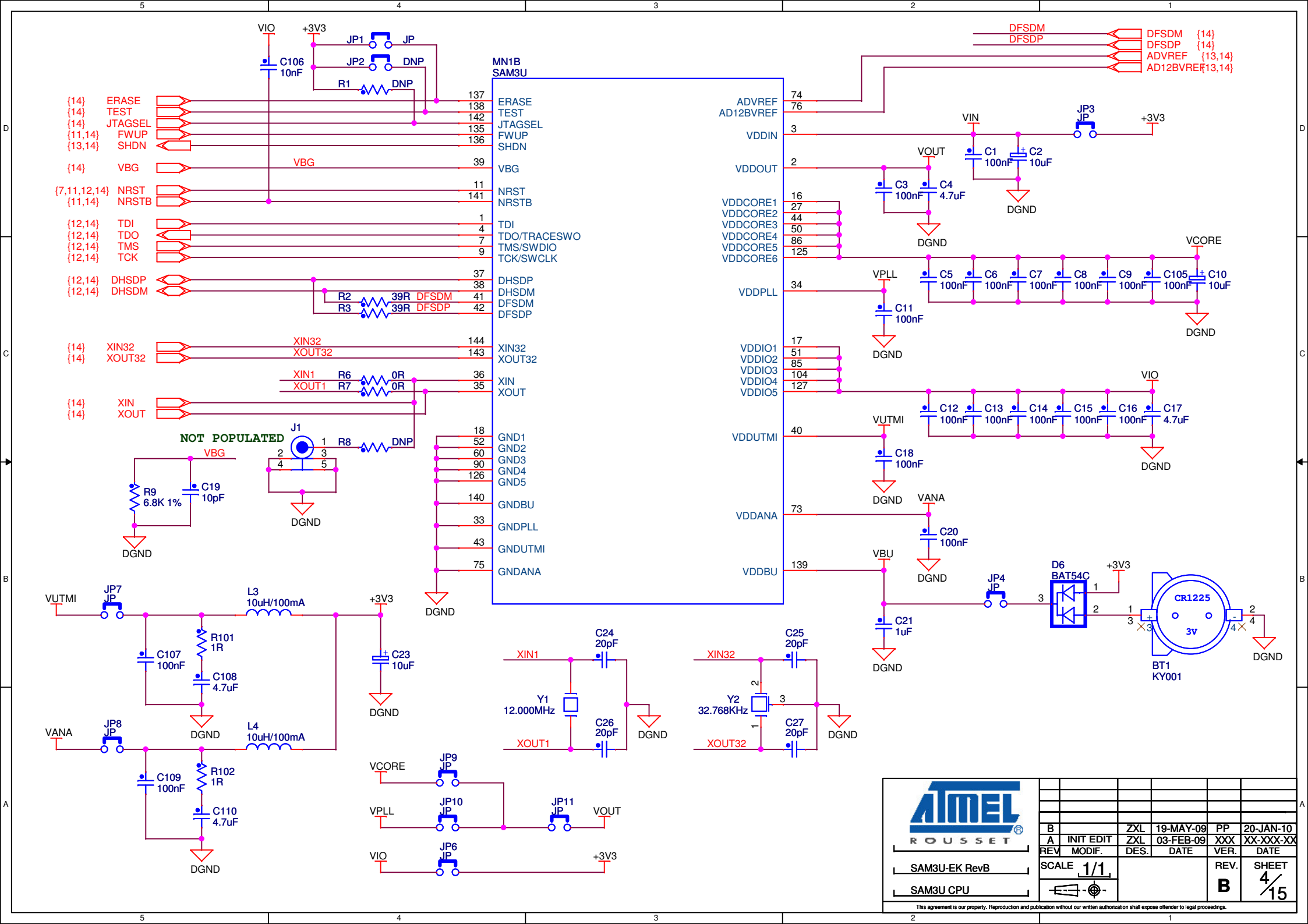


SAM3U-EK RevB

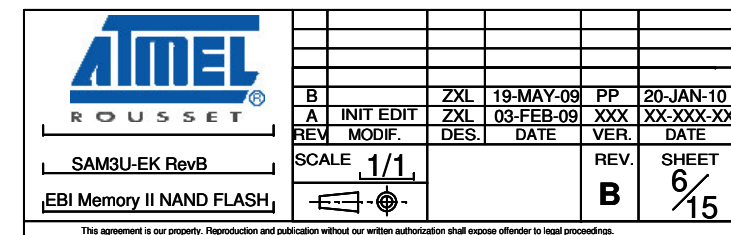
SAM3U PIO

B		ZXL	07-jul-11	PP	20-JAN-10
A	INIT EDIT	ZXL	03-FEB-09	XXX	XX-XXX-XX
REV	MODIF.	DES.	DATE	VER.	DATE
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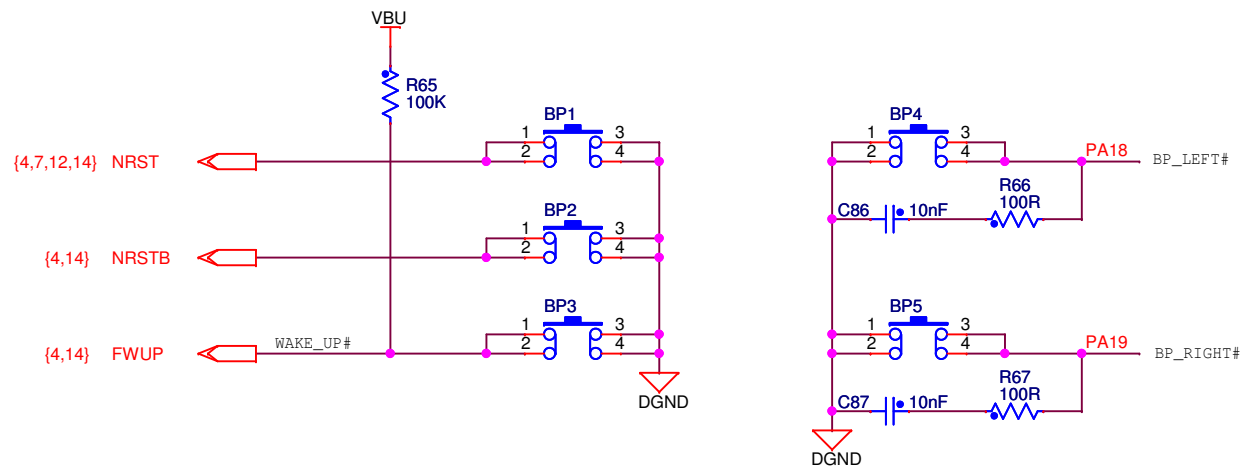
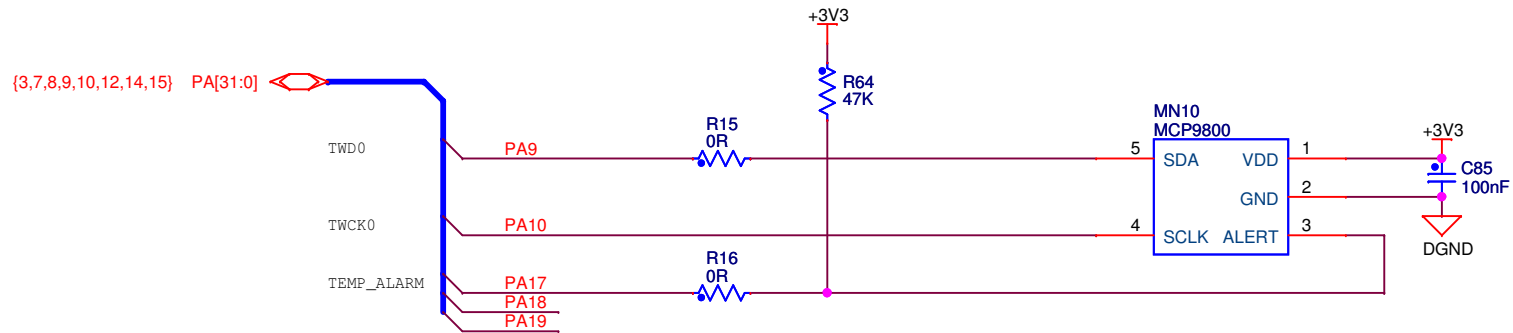
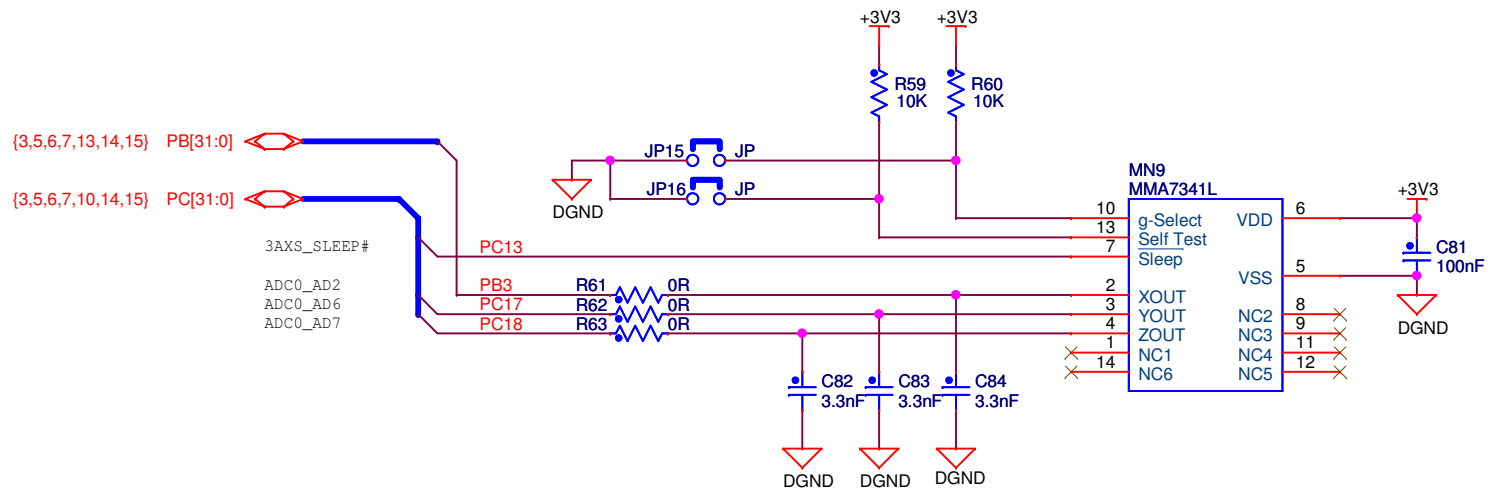





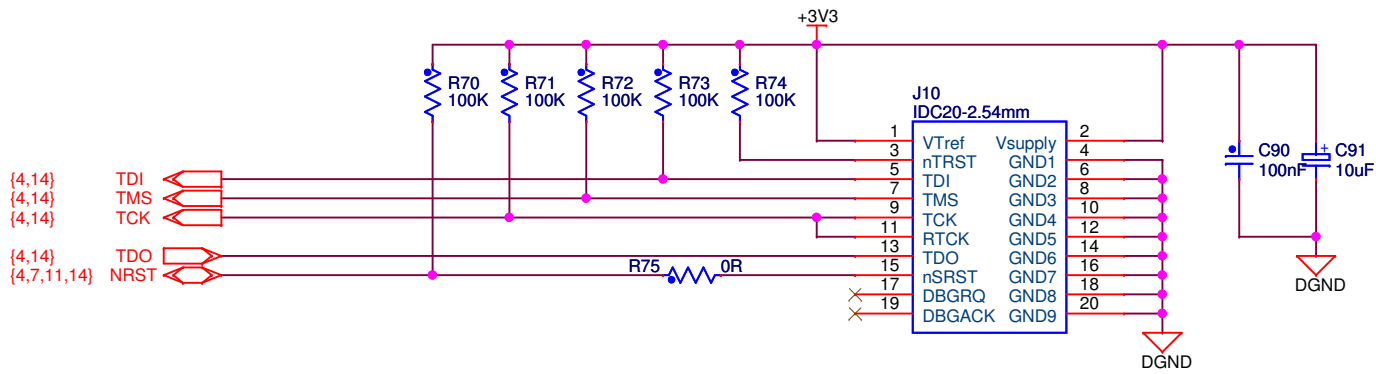
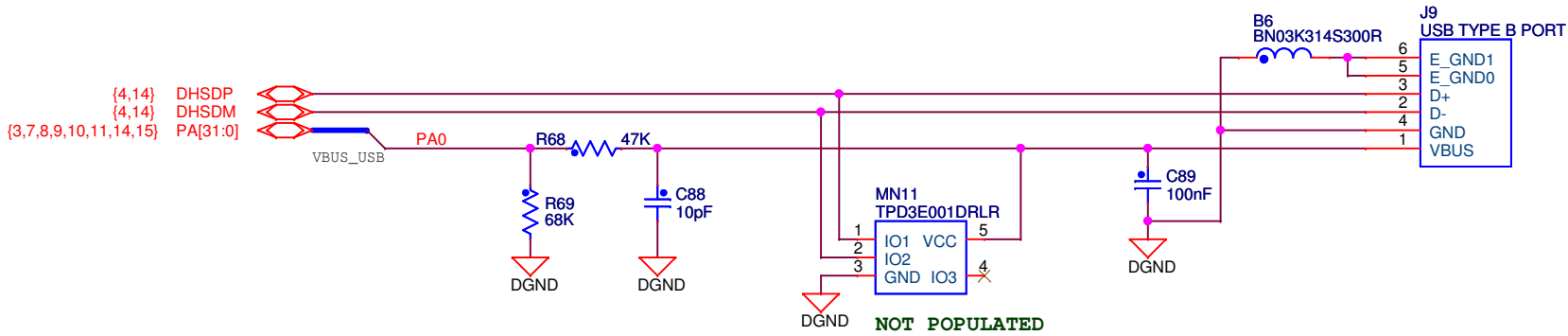








							
SAM3U-EK RevB		B		ZXL	19-MAY-09	PP	20-JAN-10
Accelerometer,Temp,Buttons		A	INIT EDIT	ZXL	03-FEB-09	XXX	XX-XXX-XX
		REV	MODIF.	DES.	DATE	VER.	DATE
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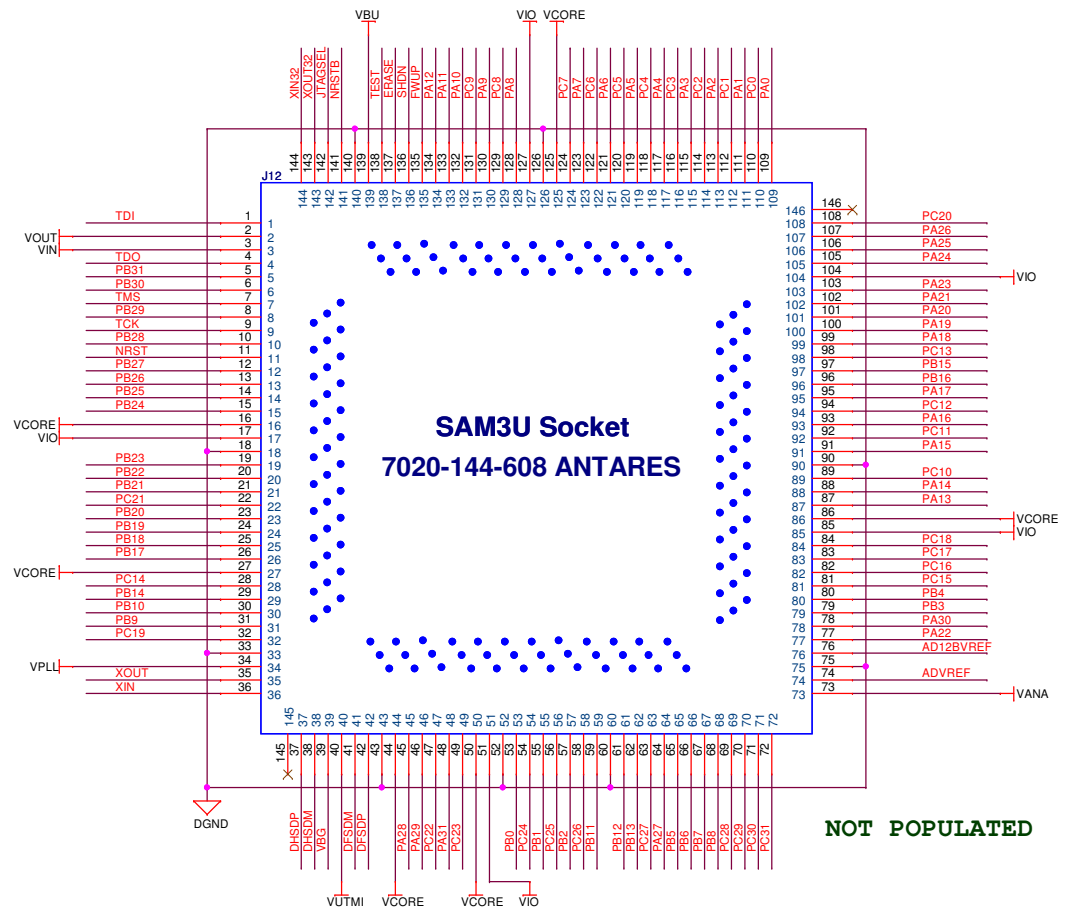
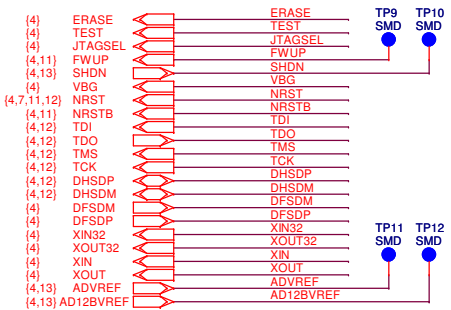
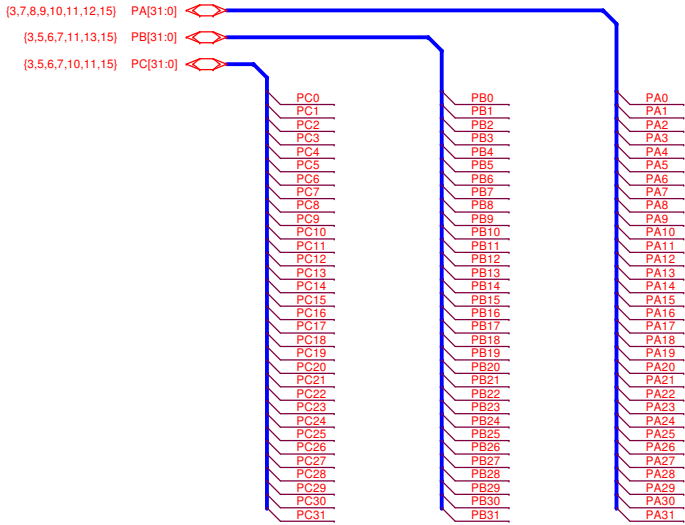
**SAM3U-EK RevB**

**USB & JTAG**

B	INIT EDIT	ZXL	19-MAY-09	PP	20-JAN-10
A	MODIF.	ZXL	03-FEB-09	XXX	XX-XXX-XX
REV	SCALE 1/1	DES.	DATE	VER.	DATE
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