

Title			
POLYSOME CRYPTO 01			
Size	Number	Revision	
A3	1	V1	
Date:	8/12/2015	Sheet	of PolySomeCrypto01.SchDoc
File:	C:\Users\...\PolySomeCrypto01.SchDoc	Drawn By:	

U3B

BANK 1

IO L1P_A25 F18
IO_L1N_A24 VREF F19
IO L19P F16
IO L19N F17
IO L10P F21
IO L10N F22
IO L19P F16
IO L19N F20
IO L20P F23
IO L20N F22
IO L21P F15
IO L21N F16
IO L28P F22
IO L28N VREF F21
IO L29P_A23 MIA13 F19
IO L29N_A22 MIA14 F20
IO L30P_A21 MIRESET F18
IO L30N_A20 MIA11 F19
IO L31P_A19 M1CKE F21
IO L31N_A18 MIA12 F20
IO L32P_A17 MIA8 F22
IO L32N_A16 MIA9 F22
IO L33P_A15 MIA10 F19
IO L33N_A14 MIA4 F20
IO L34P_A13 M1WE F18
IO L34N_A12 MIA2 F20
IO L35P_A11 MIA7 F22
IO L35N_A10 MIA2 F22
IO L36P_A9 M1BA0 F17
IO L36N_A8 M1BA1 F21
IO L37P_A7 MIA0 F22
IO L37N_A6 MIA1 F22
IO L38P_A5 M1CLK F19
IO L38N_A4 M1CLK F20
IO L39P_MIA3 F22
IO L39N_M1ODT F22
IO L40P_GCLK17 MIA5 F20
IO L40N_GCLK10 MIA6 F21
IO L41P_GCLK9 IRDY1 M1RASN F21
IO L41N_GCLK8 M1CASN F22
IO L42P_GCLK7 M1UDM F19
IO L42N_GCLK6 TRDY1 M1LDM F20
IO L43P_GCLK5 M1DQ4 F22
IO L43N_GCLK4 M1DQ5 F21
IO L44P_A3 M1DQ6 F22
IO L44N_A2 M1DQ7 F22
IO L45P_A1 M1LQ8 F22
IO L45N_A0 M1LQ8N F21
IO L46P_FCS_B M1DQ2 F21
IO L46N_FOE_B M1DQ3 F20
IO L47P_FWE_B M1DQ0 F22
IO L47N_LDC M1DQ1 F21
IO L48P_HDC M1DQ8 F21
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IO L49N_M1DQ11 F21
IO L50P_M1UDQ8 F22
IO L50N_M1UDQ8N F21
IO L51P_M1DQ12 F22
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IO L52P_M1DQ14 F21
IO L52N_M1DQ15 F22
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IO L58P F15
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IO L60N F16
IO L61P F18
IO L61N F13
IO L70P F16
IO L70N F17
IO L71P F18
IO L71N F17
IO L72P F17
IO L72N F17
IO L73P F18
IO L73N F19
IO L74P_AWAKE F19
IO L74N_DOUT_BUSY F20
GPIO 36_P F17
GPIO 36_N F17
GPIO 38_P F19
GPIO 38_N F20

XC6SLX150T-3FGG4841

VCC0V75

R25

240R

GND

DDR1-A10_141

DDR1-A[0..14]

DDR1-DQ[0..15]

DDR1-DQ[0..15]

U3D

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IO L24P F84
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IO L25P F87
IO L25N F87
IO L26P F83
IO L26N F87
IO L31P F88
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IO L32P_M3DQ15 F87
IO L32N_M3DQ15 F87
IO L33P_M3DQ12 F87
IO L33N_M3DQ13 F87
IO L34P_M3UDQ8 F87
IO L34N_M3UDQ8N F87
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IO L35N_M3DQ11 F87
IO L36P_M3DQ8 F87
IO L36N_M3DQ9 F87
IO L37P_M3DQ0 F87
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IO L38P_M3DQ2 F87
IO L38N_M3DQ3 F87
IO L39P_M3LDQ5 F87
IO L39N_M3LDQ5N F87
IO L40P_M3DQ6 F87
IO L40N_M3DQ7 F87
IO L41P_GCLK27 M3DQ4 F87
IO L41N_GCLK26 M3DQ5 F87
IO L42P_GCLK25 TRDY2 M3UDM F87
IO L42N_GCLK24 M3LDM F87
IO L43P_GCLK23 M3RASN F87
IO L43N_GCLK22 IRDY2 M3CASN F87
IO L44P_GCLK21 M3A5 F87
IO L44N_GCLK20 M3A6 F87
IO L45P_M3A3 F87
IO L45N_M3ODT F87
IO L46P_M3CLK F87
IO L46N_M3CLKN F87
IO L47P_M3A0 F87
IO L47N_M3A1 F87
IO L48P_M3BA0 F87
IO L48N_M3BA1 F87
IO L49P_M3A7 F86
IO L49N_M3A2 F87
IO L50P_M3WE F87
IO L50N_M3BA2 F87
IO L51P_M3A10 F87
IO L51N_M3A4 F87
IO L52P_M3A8 F87
IO L52N_M3A9 F87
IO L53P_M3CKE F87
IO L53N_M3A12 F87
IO L54P_M3RESET F87
IO L54N_M3A11 F87
IO L55P_M3A13 F87
IO L55N_M3A14 F87
IO L57P F87
IO L57N VREF F84
IO L58P F84
IO L58N F84
IO L59P F87
IO L59N F87
IO L60P F84
IO L60N F84
IO L80P F86
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IO L83N VREF F84
GPIO 21_P F84
GPIO 21_N F84
GPIO 26_P F86
GPIO 26_N F86
GPIO 22_P F85
GPIO 22_N F85
GPIO 25_P F85
GPIO 25_N F85
GPIO 20_N F86
GPIO 28_P F86
GPIO 28_N F87
GPIO 24_P F84
GPIO 24_N F84
GPIO 27_P F87
GPIO 27_N F87
GPIO 23_P F83
GPIO 23_N F87
DDR0-DQ14 F88
DDR0-DQ15 F87
DDR0-DQ12 F87
DDR0-DQ13 F87
DDR0-UDQ8_P F87
DDR0-UDQ8_N F87
DDR0-DQ10 F87
DDR0-DQ11 F87
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DDR0-LDQ8_P F87
DDR0-LDQ8_N F87
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DDR0-LDQ5_N F87
DDR0-DQ6 F87
DDR0-DQ7 F87
DDR0-DQ4 F87
DDR0-DQ5 F87
DDR0-LDM F87
DDR0-RAS F87
DDR0-CAS F87
DDR0-A5 F87
DDR0-A6 F87
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DDR0-A3 F86
DDR0-CLK_P F86
DDR0-CLK_N F86
DDR0-A0 F87
DDR0-A1 F87
DDR0-BA0 F87
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DDR0-A7 F86
DDR0-A2 F87
DDR0-WE F87
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DDR0-A10 F87
DDR0-A8 F87
DDR0-A9 F87
DDR0-CKE F87
DDR0-RESET F87
DDR0-A11 F87
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XC6SLX150T-3FGG4841

VCC0V75

R26

240R

GND

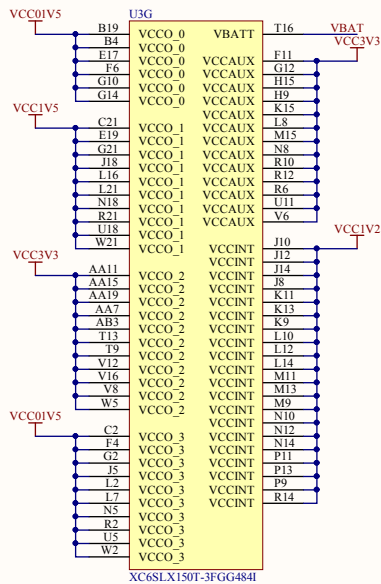
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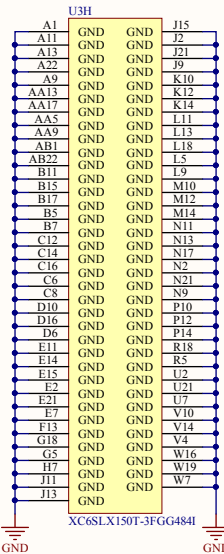
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DDR0-A[0..14]

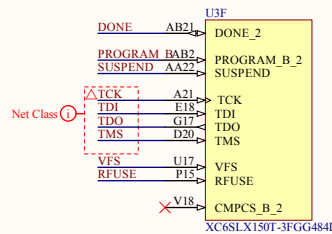
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Size	Number	Revision	
Tabloid	2	V1	
Date:	8/12/2015	Sheet	of
File:	C:\Users\FPGA_A\SchDoc	FPGA_A	SchDoc
Drawn By:			



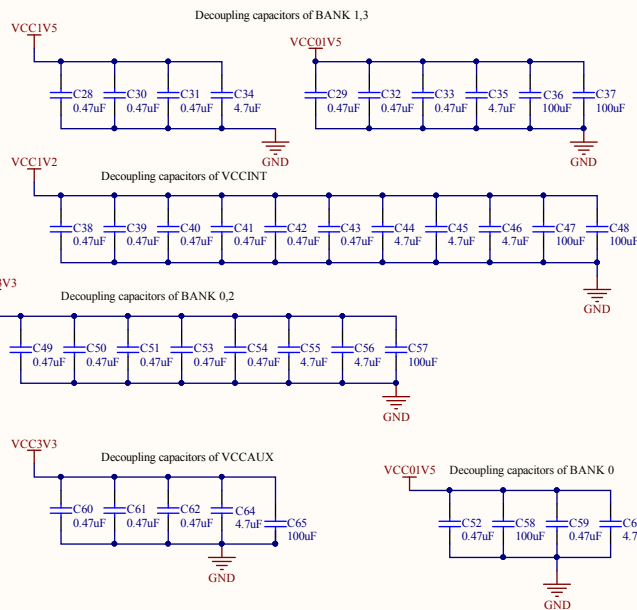
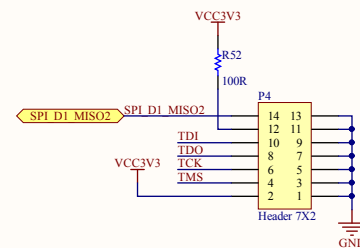
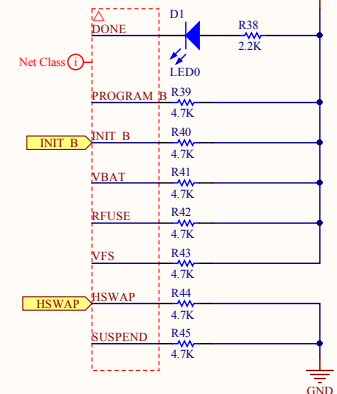
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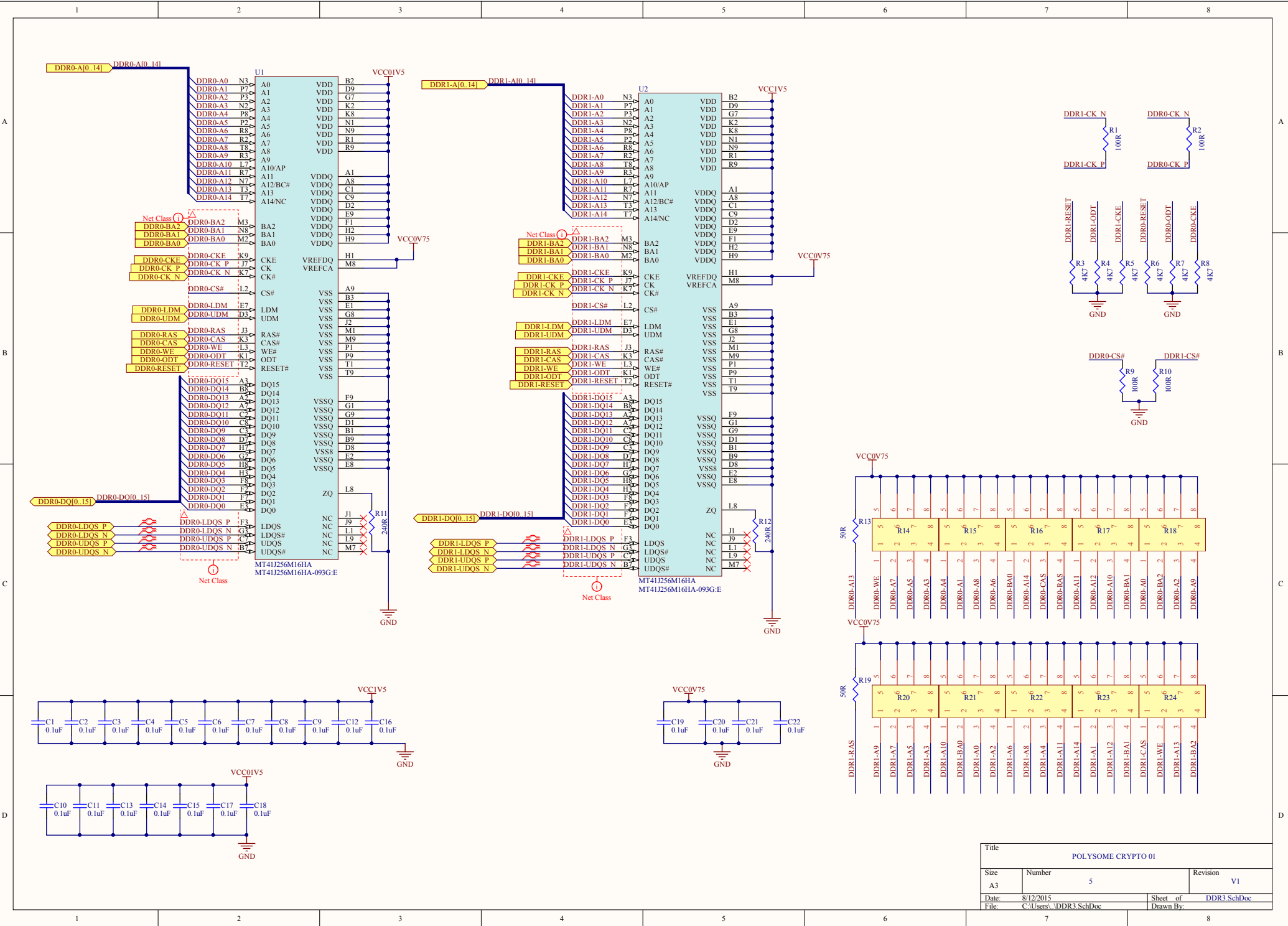
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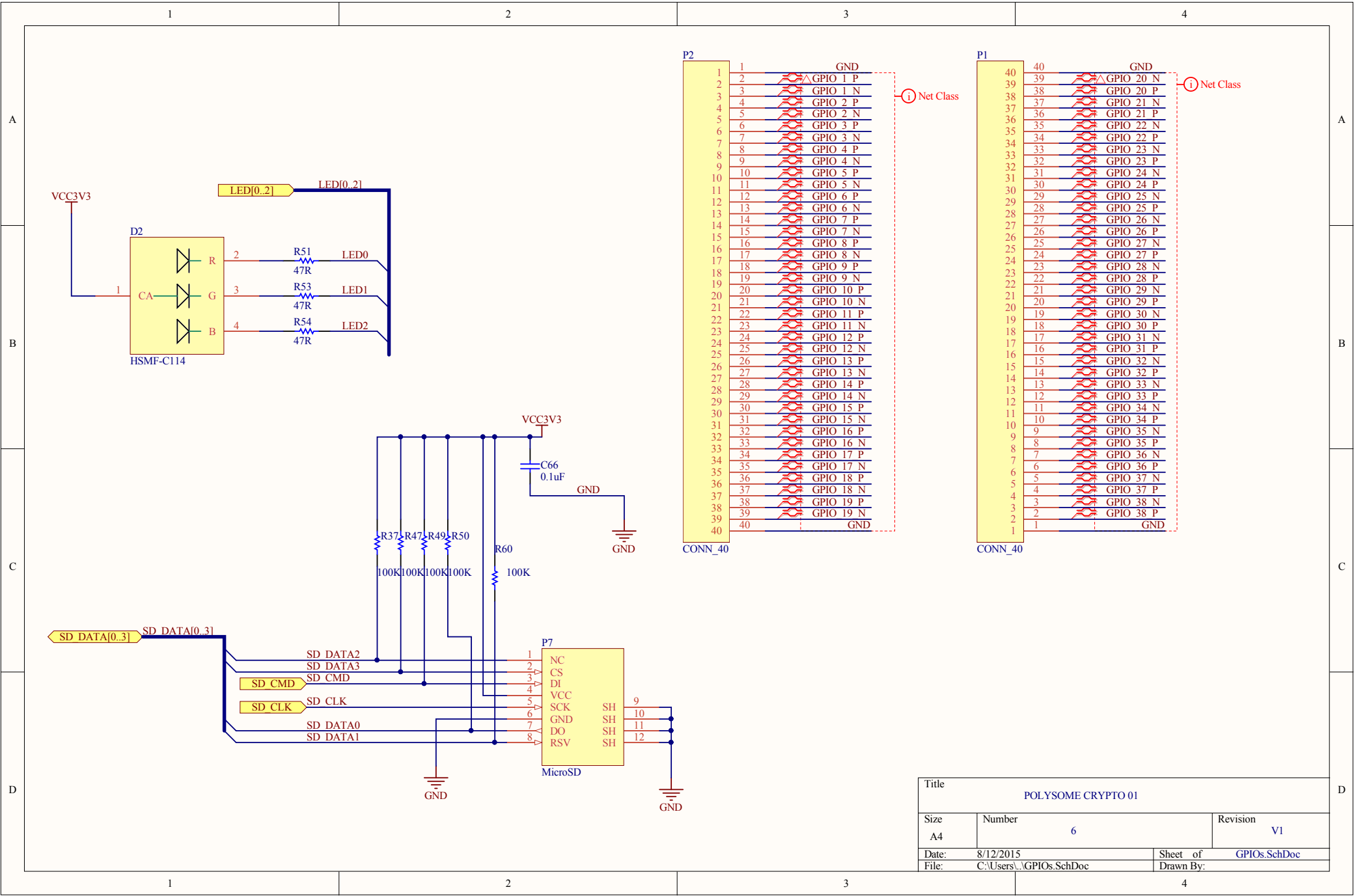


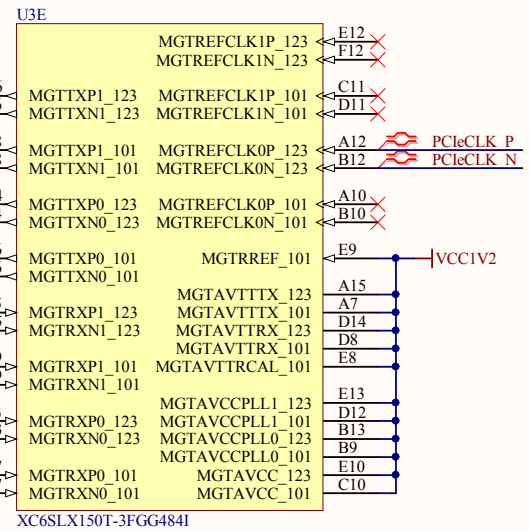
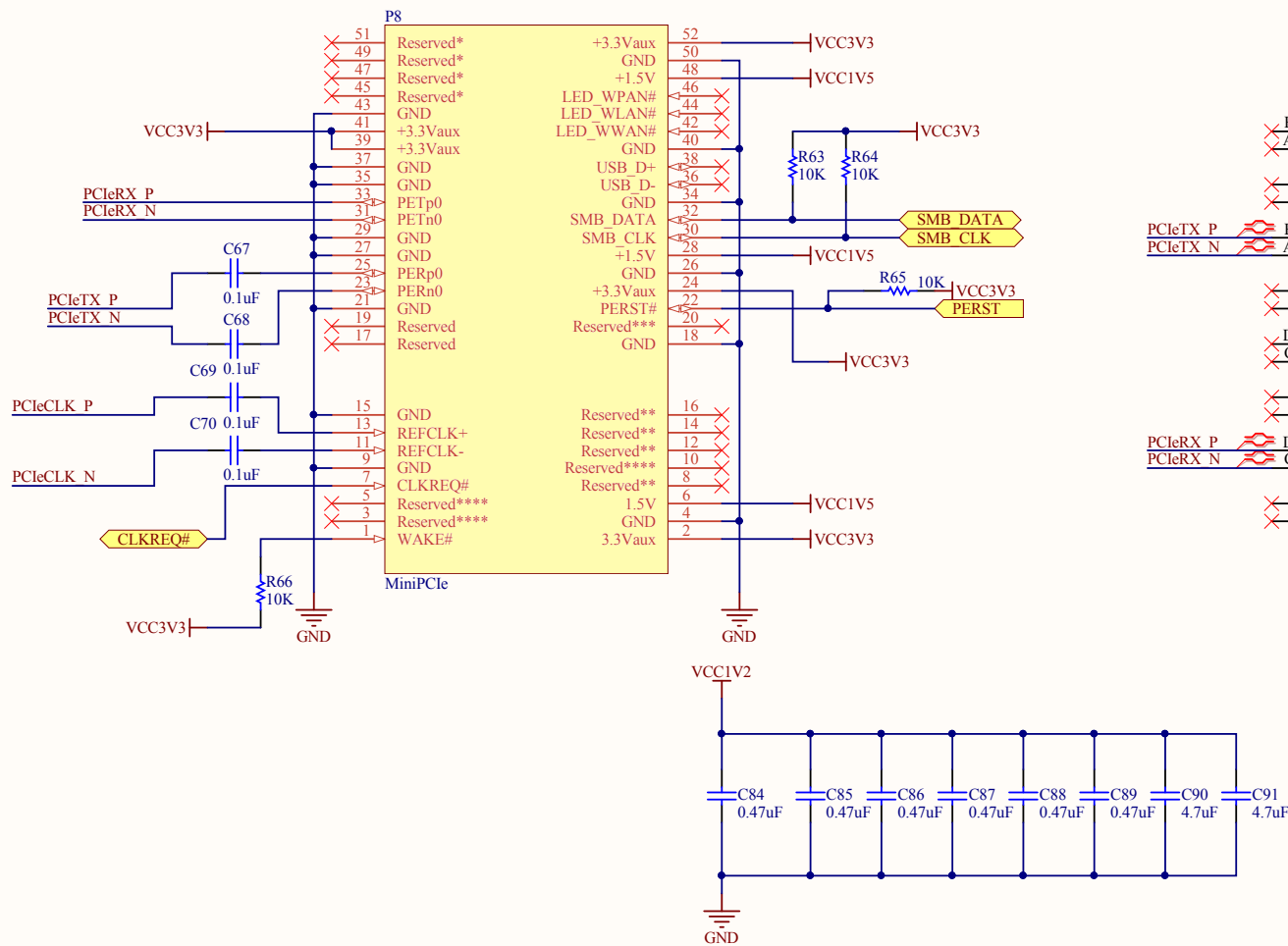
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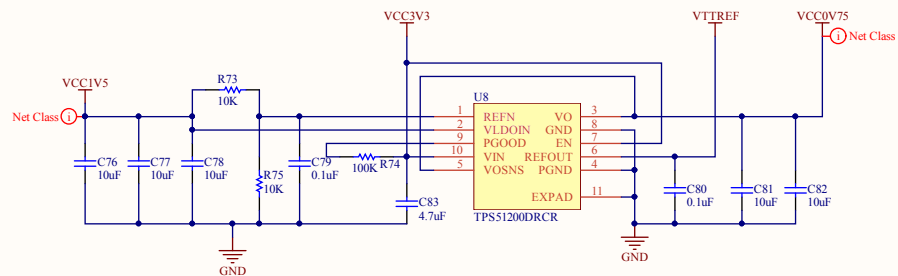
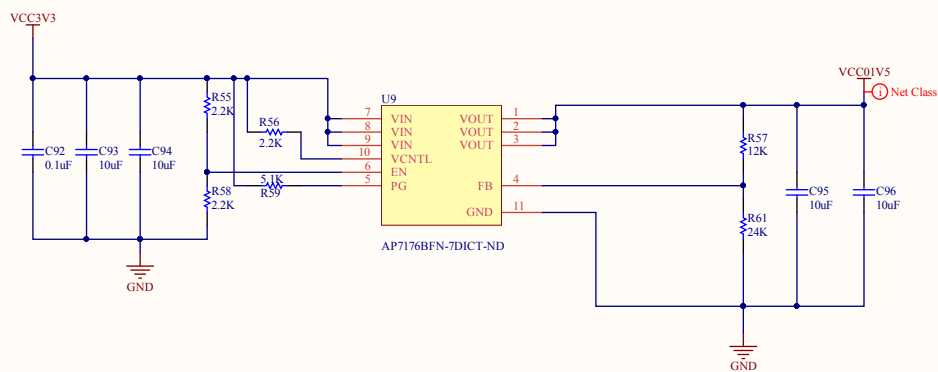
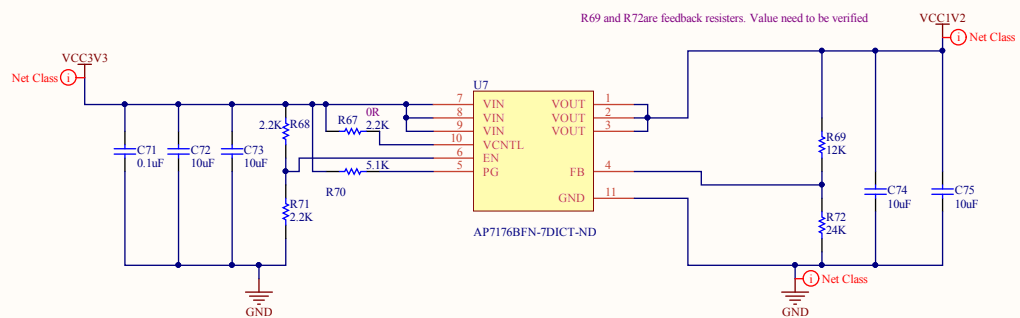
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Size	Number	Revision	
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Size	Number	Revision
A4	7	V1
Date:	8/12/2015	Sheet of
File:	C:\Users\MiniPCle.SchDoc	Drawn By:



Title			
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Size	Number	Revision	
A3	8	V1	
Date:	8/12/2015	Sheet of	PowerSupply_SchDoc
File:	C:\Users\...\PowerSupply_SchDoc	Drawn By:	