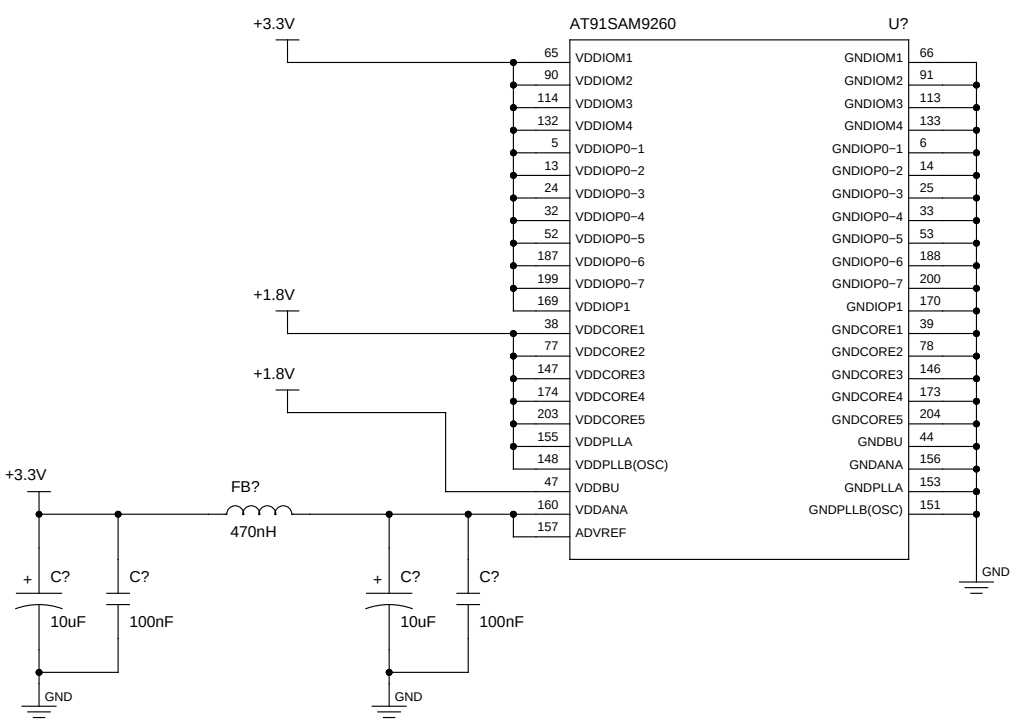

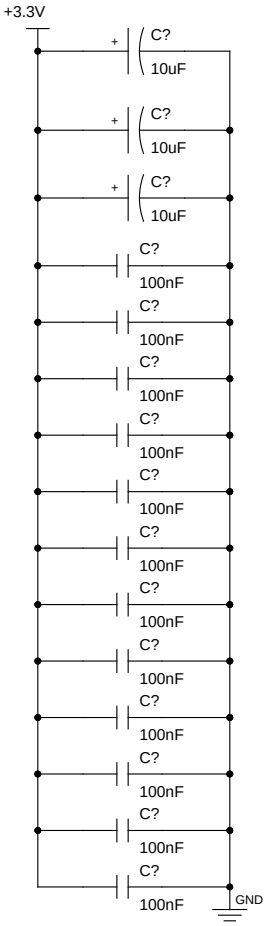

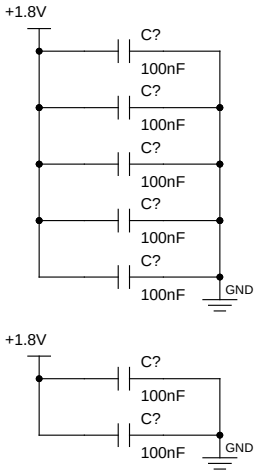

TITLE	Power GPLv3	
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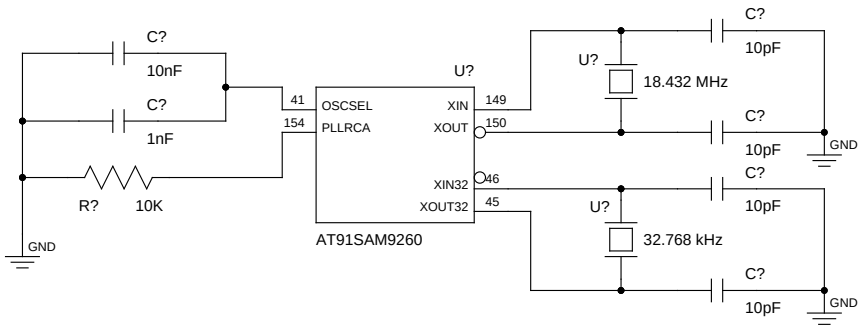

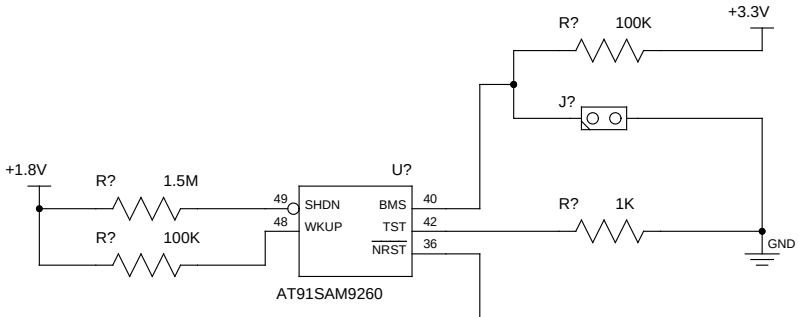

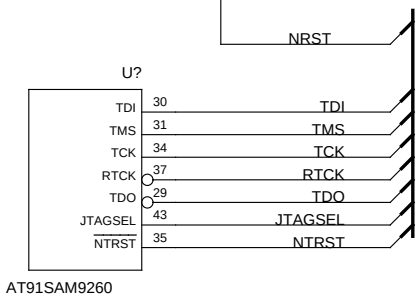

TITLE	Clock and JTAG/ICE GPLv3	
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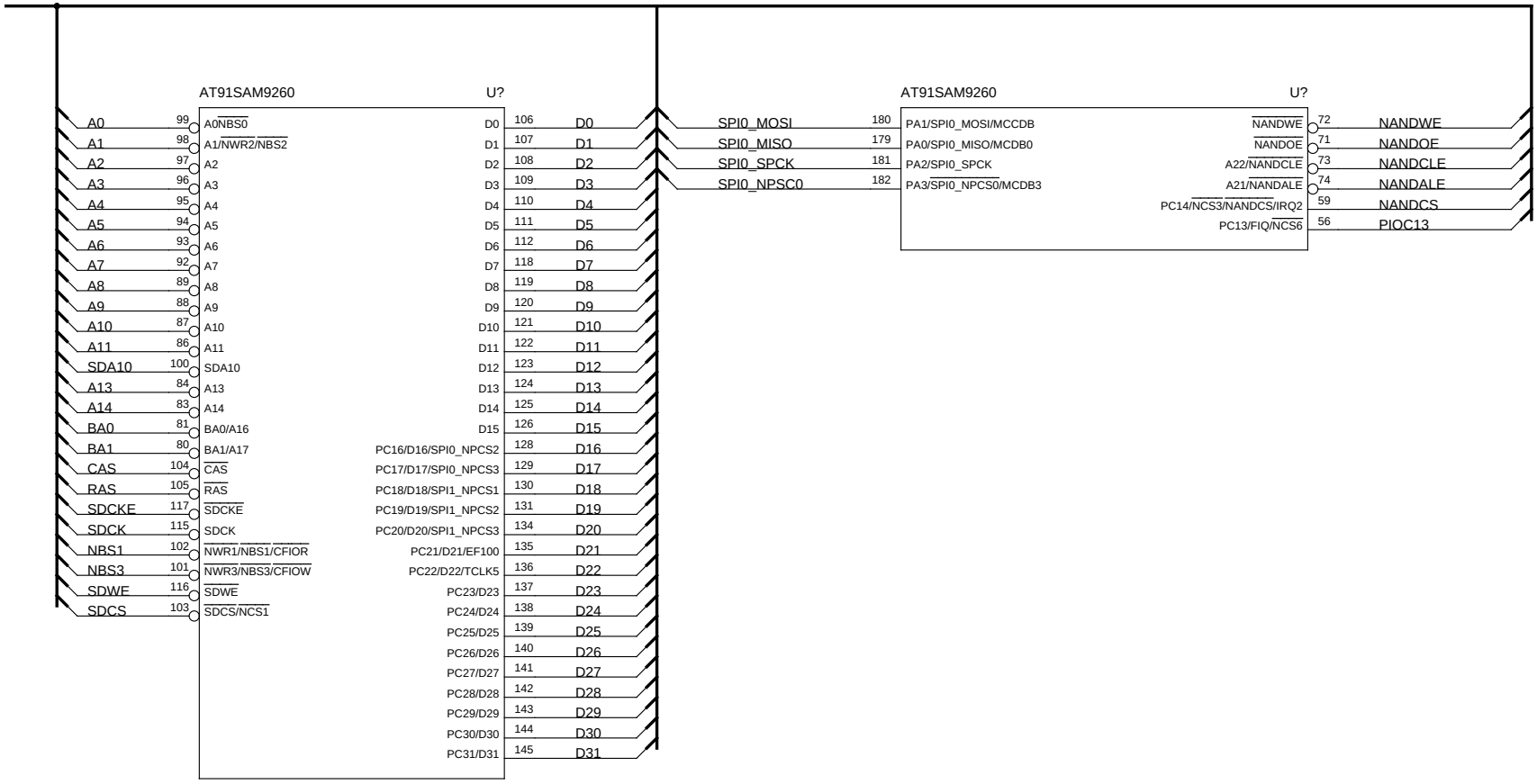

TITLE: SDRAM & NAND flash GPLv3	
FILE:	REVISION:
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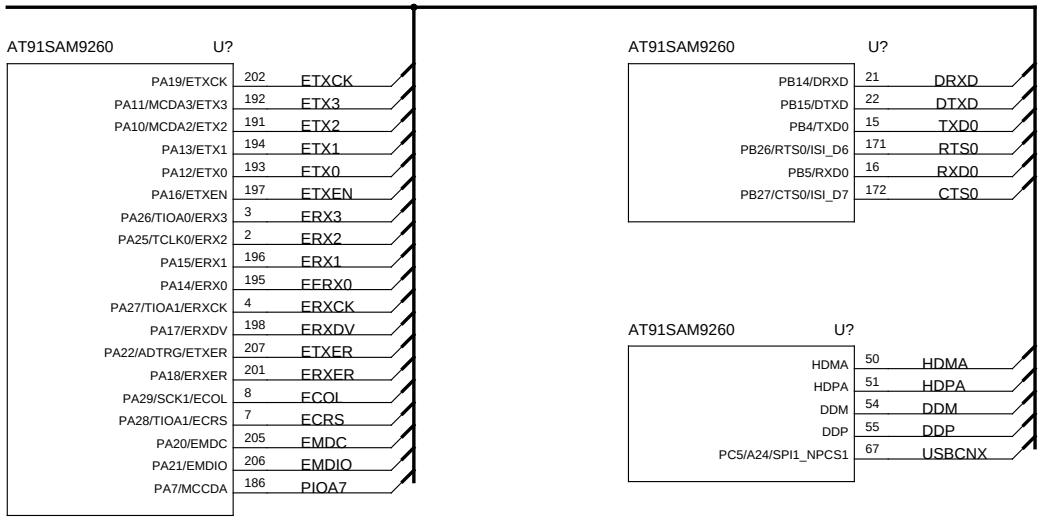

	Ethernet 10/100 & DBGU/Serial & USB Hose/Device	
TITLE	GPLv3	
FILE:		REVISION:
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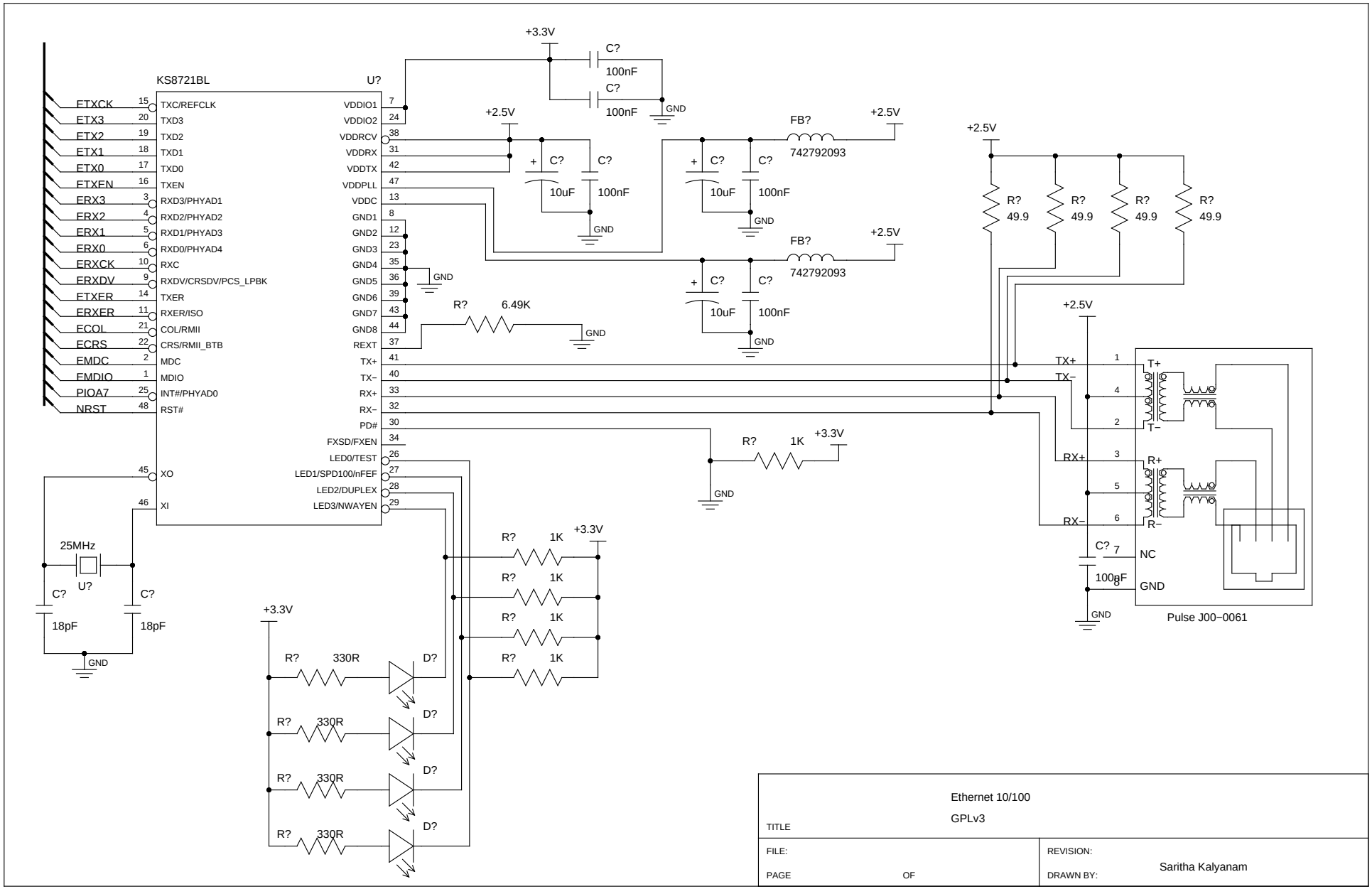
KS8721BL
U?
ETXCK 15 TXC/REFCLK
ETX3 20 TXD3
ETX2 19 TXD2
ETX1 18 TXD1
ETX0 17 TXD0
ETXEN 16 TXEN
ERX3 3 RXD3/PHYAD1
ERX2 4 RXD2/PHYAD2
ERX1 5 RXD1/PHYAD3
ERX0 6 RXD0/PHYAD4
ERXCK 10 RXC
ERXDV 9 RXDV/CRSDV/PCS_LPBK
ETXER 14 TXER
ERXER 11 RXER/ISO
ECOL 21 COL/RMII
ECRS 22 CRS/RMII_BTB
EMDC 2 MDC
EMDIO 1 MDIO
PIOA7 25 INT#/PHYAD0
NRST 48 RST#
45 XO
46 XI
VDDIO1 7
VDDIO2 24
VDDRCV 38
VDDRX 31
VDDTX 42
VDDPLL 47
VDDC 13
GND1 8
GND2 12
GND3 23
GND4 35
GND5 36
GND6 39
GND7 43
GND8 44
REXT 37
TX+ 41
TX− 40
RX+ 33
RX− 32
PD# 30
FXSD/FXEN 34
LED0/TEST 26
LED1/SPD100/nFEF 27
LED2/DUPLEX 28
LED3/NWAYEN 29
+3.3V
C? 100nF
C? 100nF
GND
+2.5V
C? 10uF
C? 100nF
FB? 742792093
R? 6.49K
R? 1K
R? 330R
D?
25MHz
U?
C? 18pF
R? 49.9
TX+ 1
TX− 4
RX+ 3
RX− 6
T+ 1
T− 2
R+ 3
R− 6
C? 100pF
7 NC
8 GND
Pulse J00−0061
Ethernet 10/100
GPLv3
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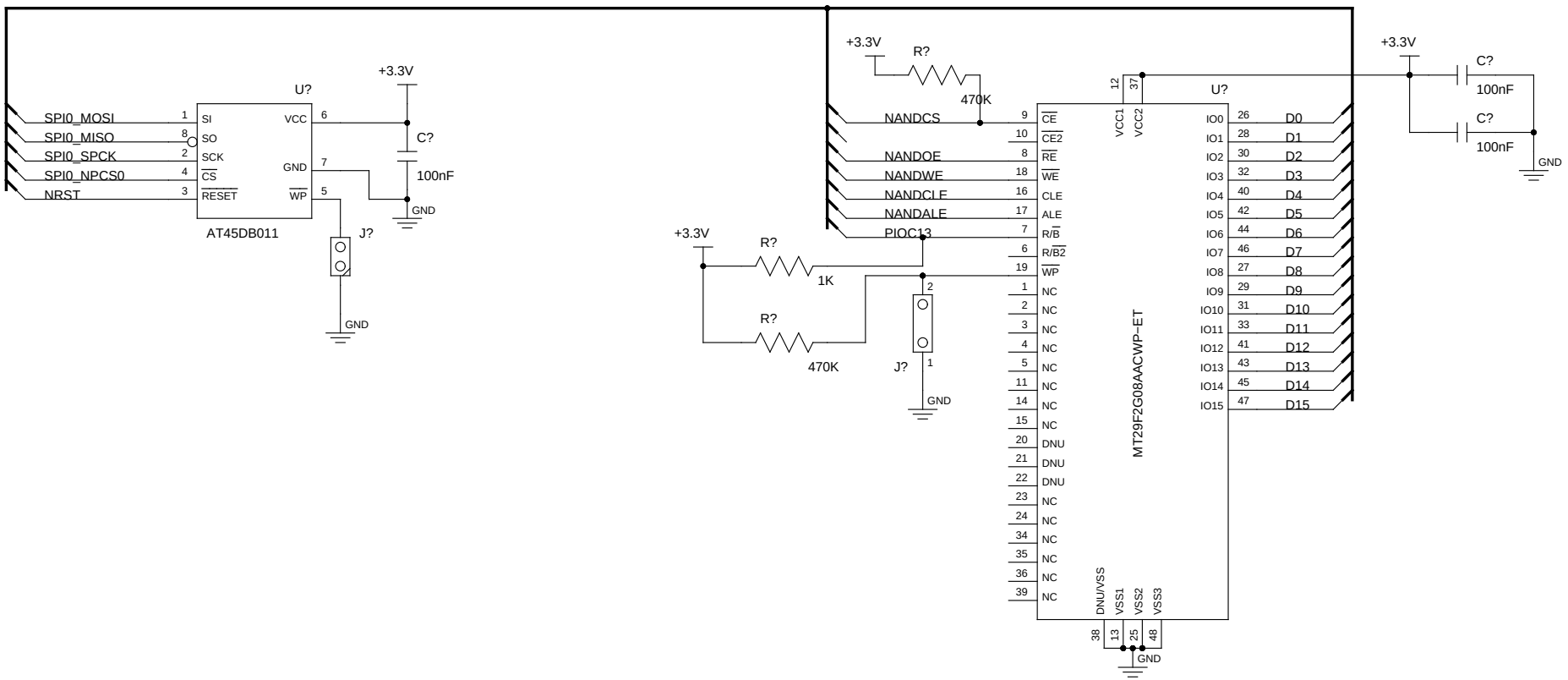

TITLE	SPI Dataflash (128KB) and NAND Flash (32MB) GPLv3	
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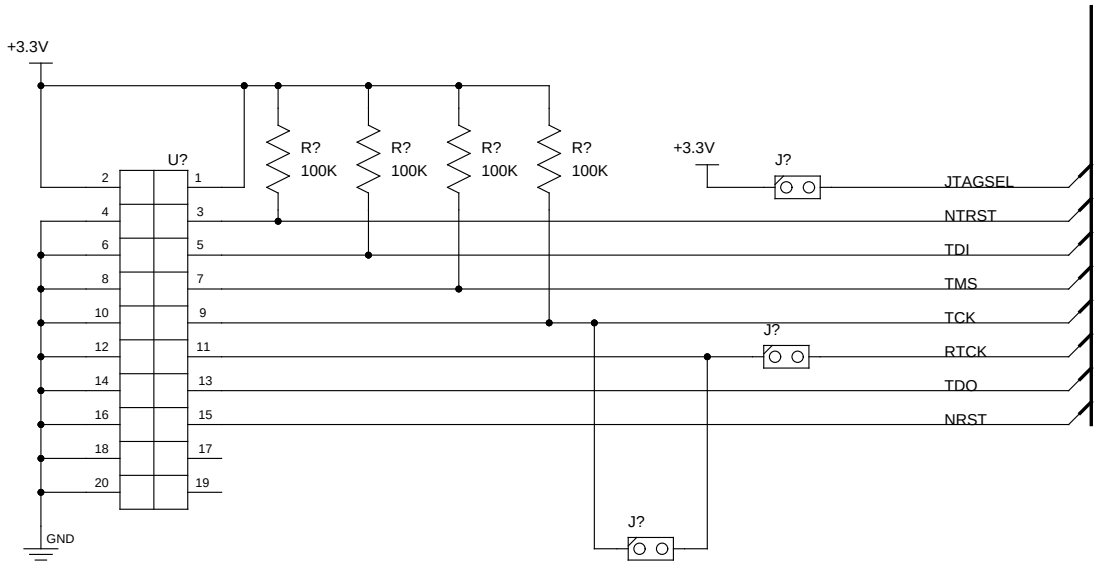

TITLE: JTAG/ICE interface GPLv3	
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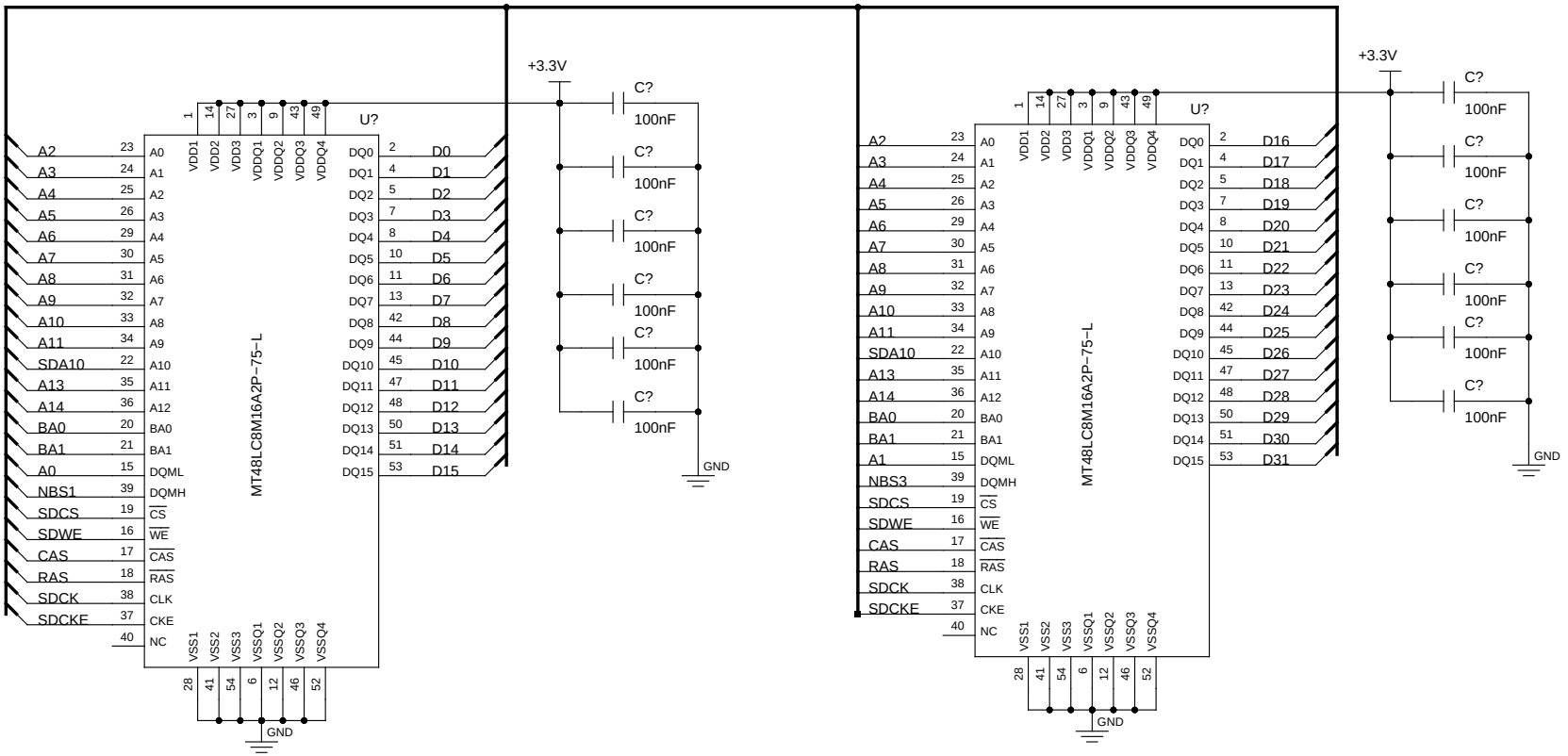

TITLE	SDRAM 32 MB (32−bit mode)	
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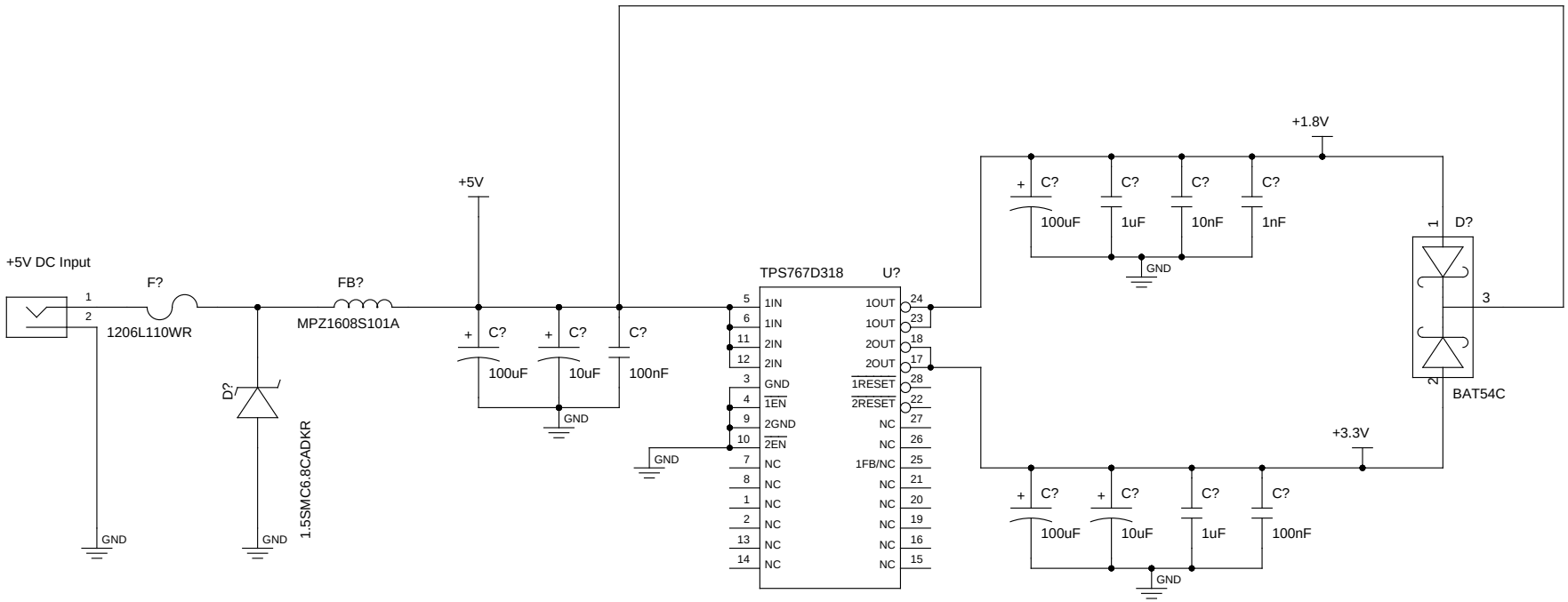

TITLE: Power Supply GPLv3	
FILE:	REVISION:
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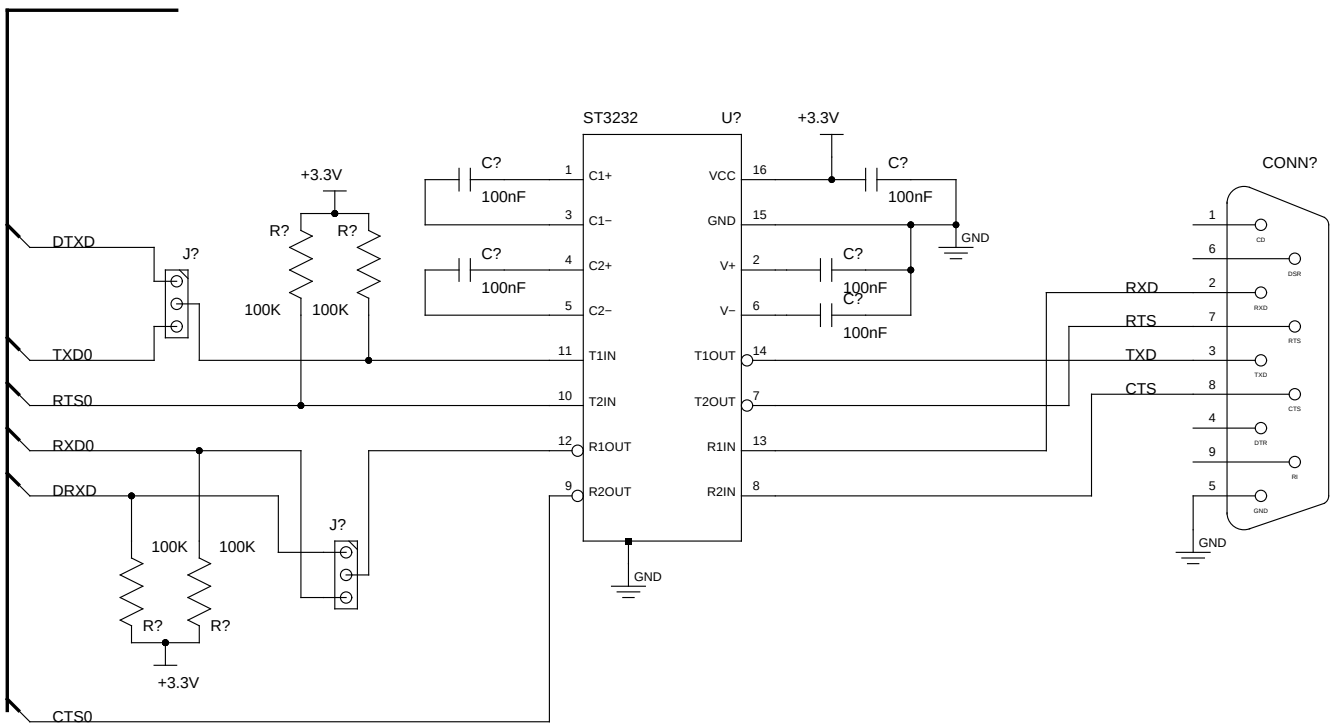

TITLE	Serial Port (RS232 and DBGU) GPL v3	
FILE:		REVISION:
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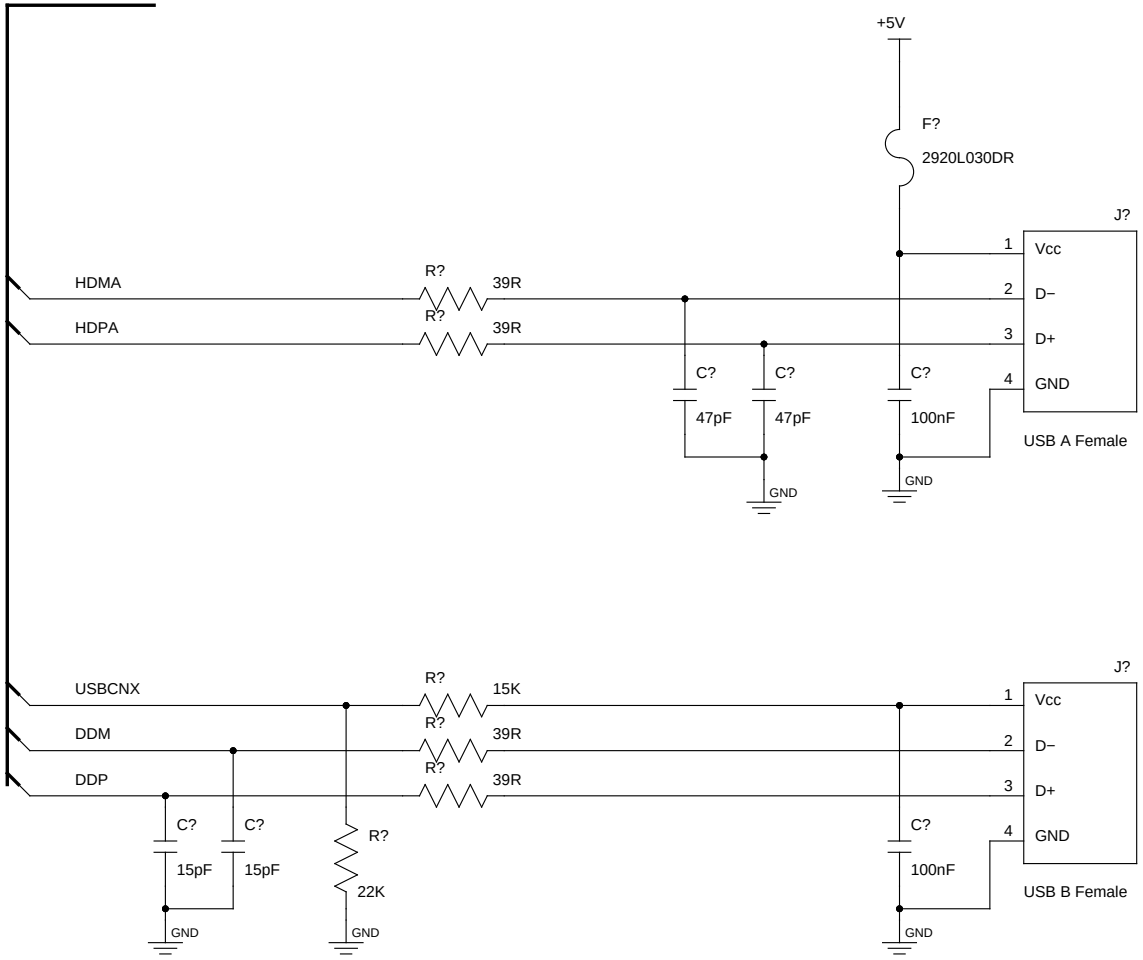

TITLE	USB Host and Device GPLv3	
FILE:		REVISION:
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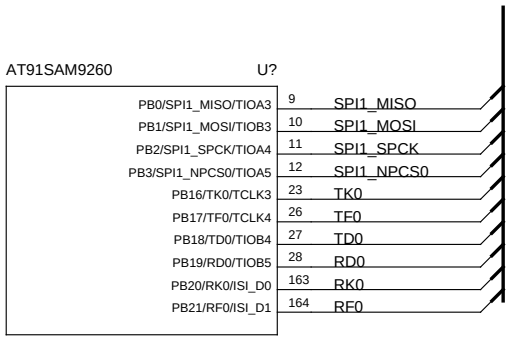

FXS (Si321x) interface GPLv3 TITLE	
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