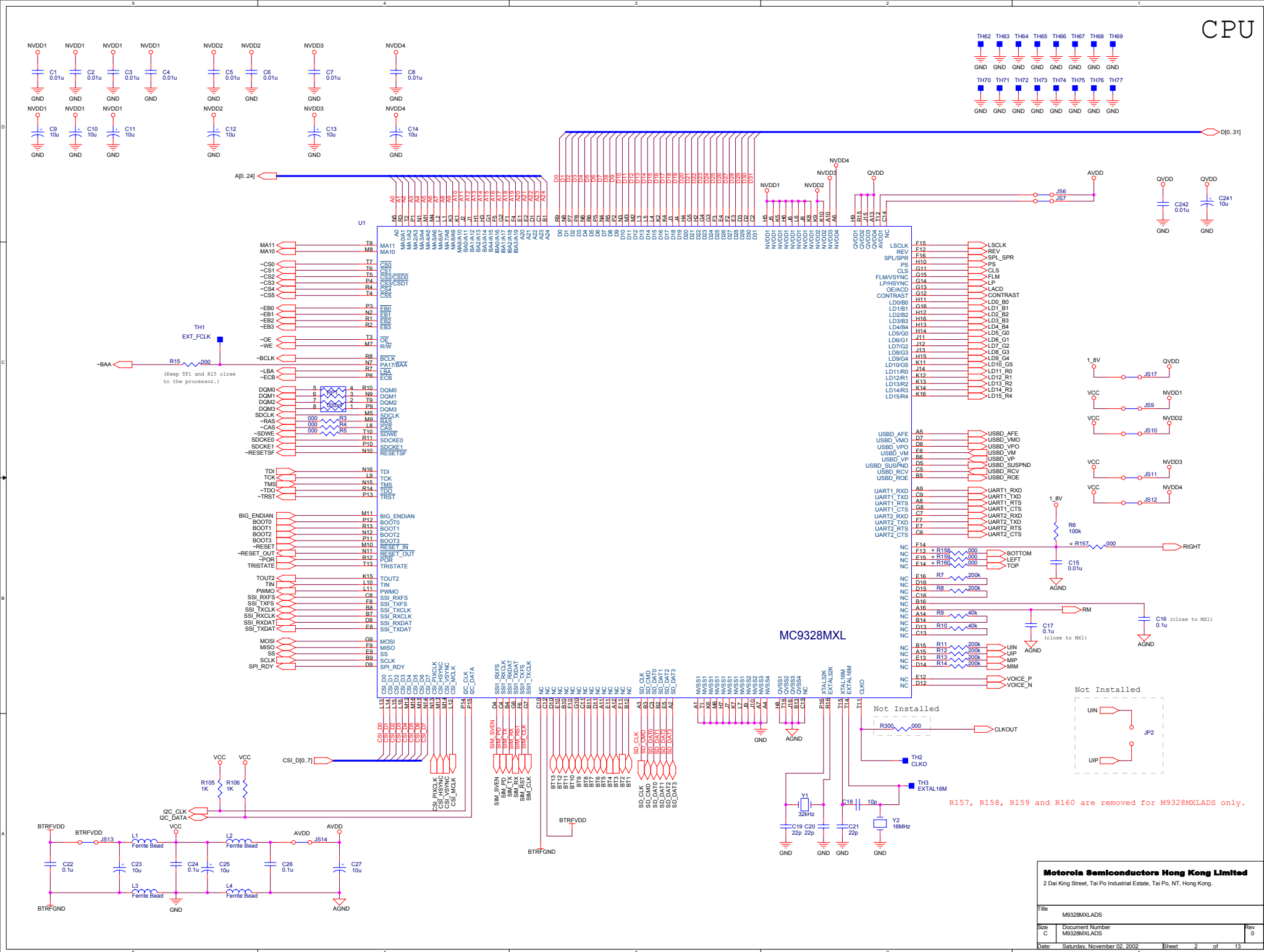


Schematic: M9328MXLADS

Version: 1.1.0

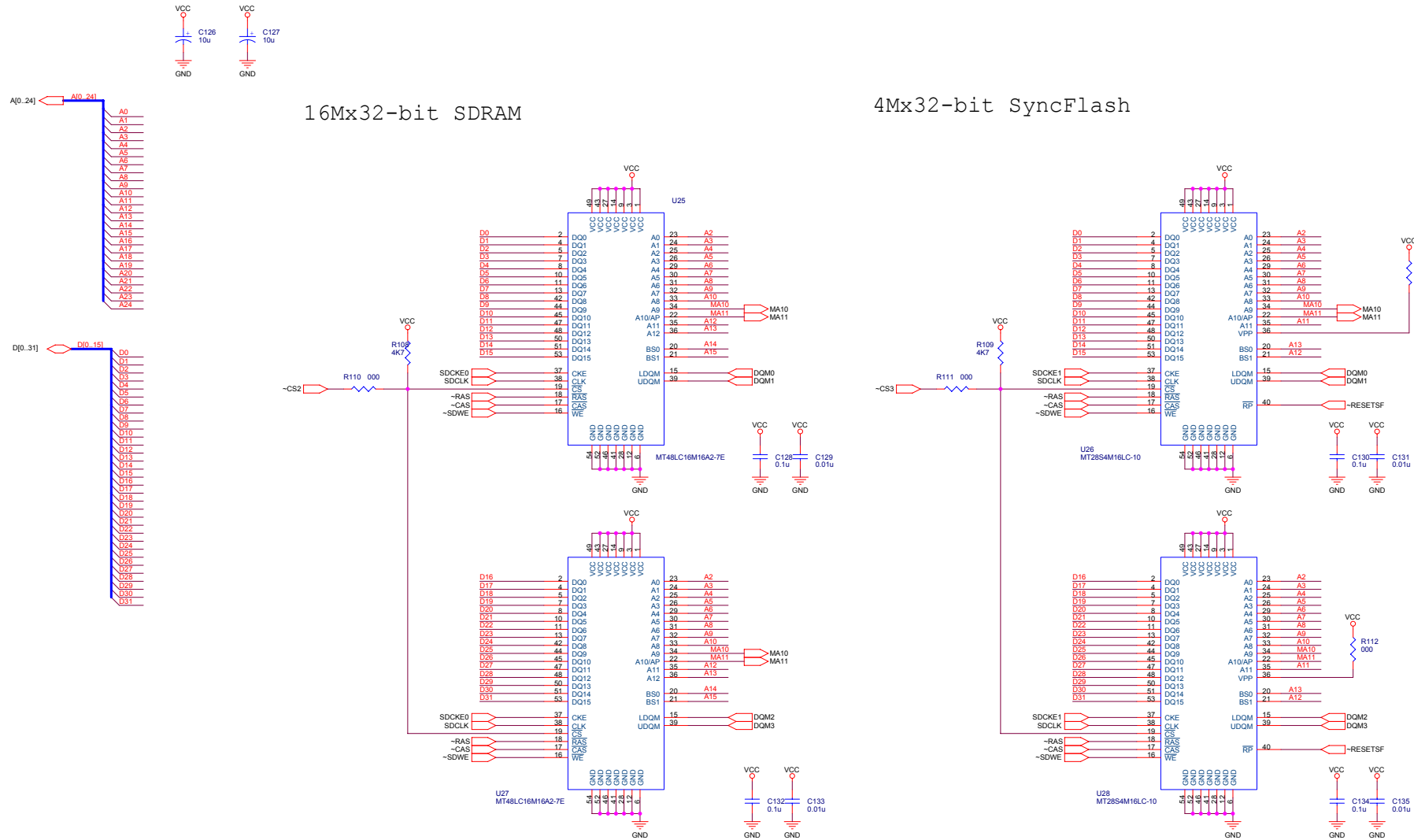
Contents

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16Mx32-bit SDRAM

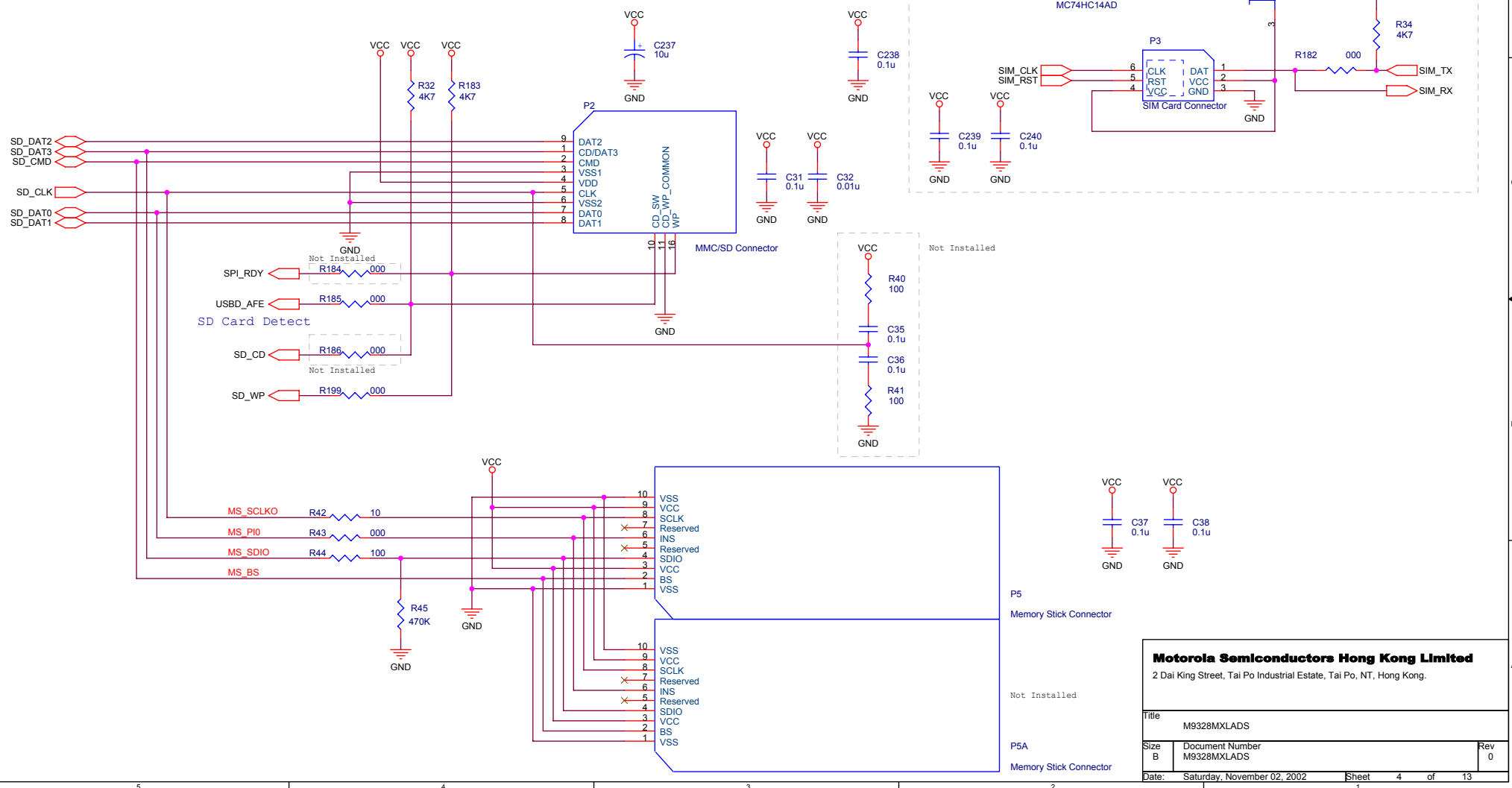
4Mx32-bit SyncFlash



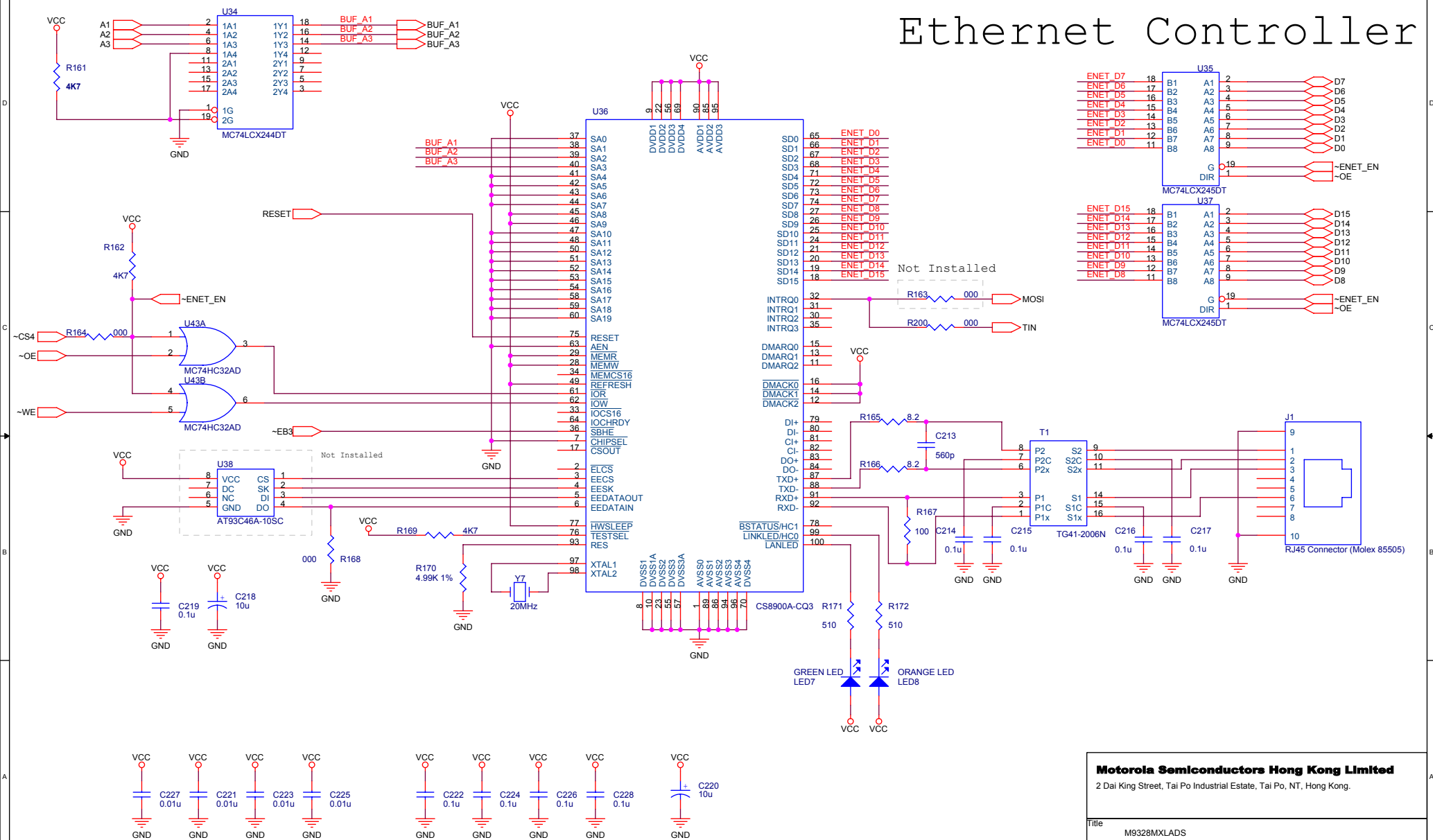
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Memory Card



Ethernet Controller



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M9328MXLADS

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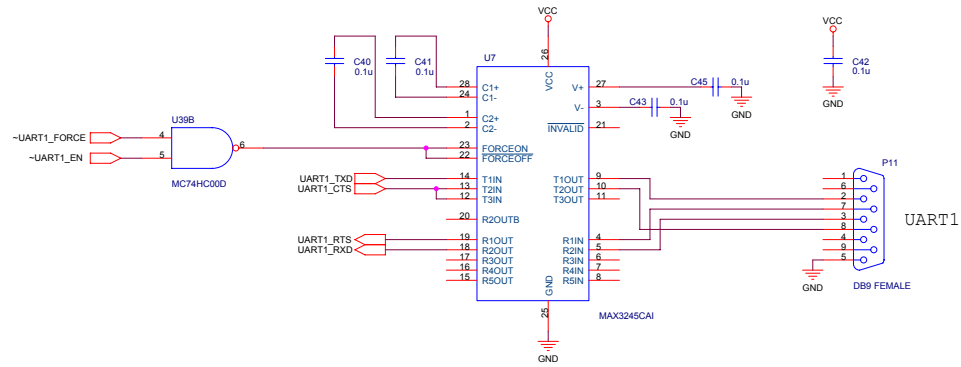
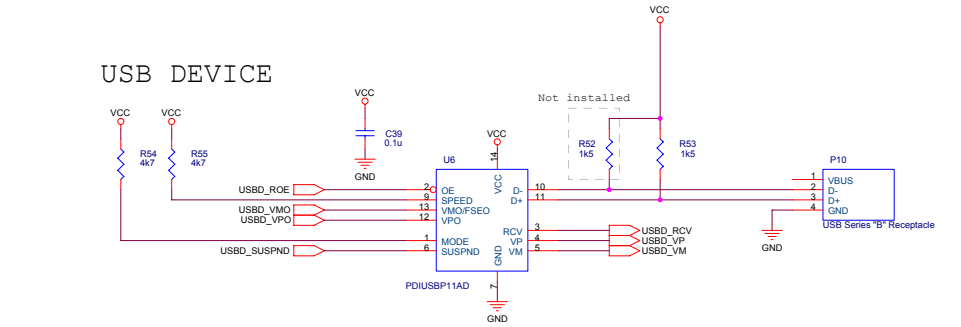
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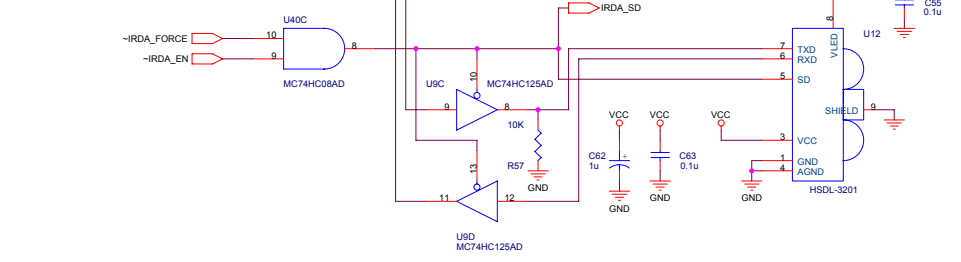
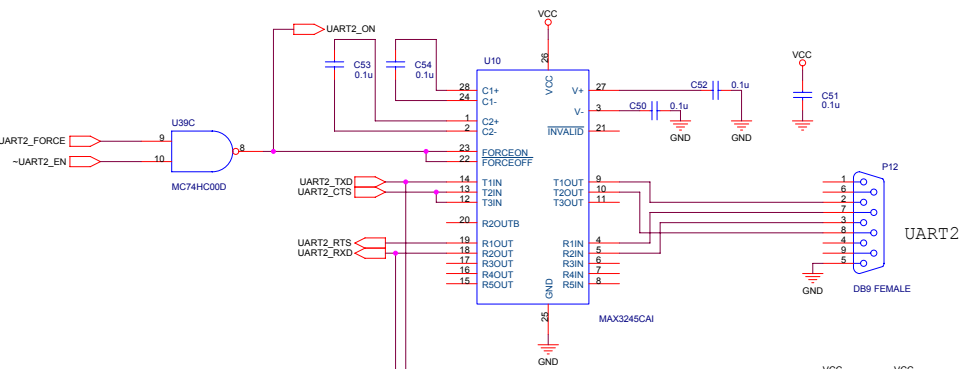
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UART, IrDA and BlueTooth

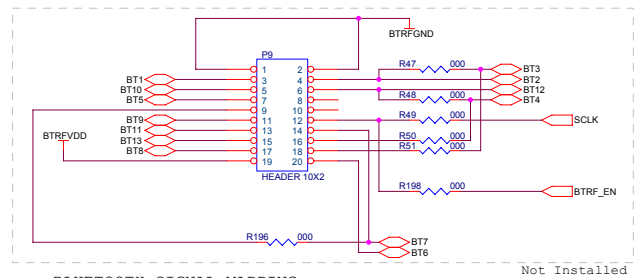
USB DEVICE



PIN#	SIGNAL
3	TXD
2	RXD
7	RTS
8	CTS
5	GND



BLUETOOTH CONNECTOR



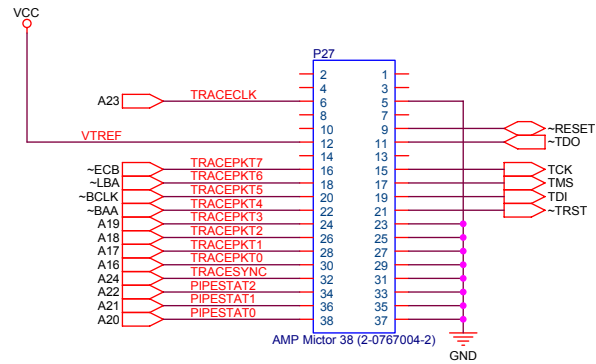
BLUETOOTH SIGNAL MAPPING

GILLIUM APPLICATION BOARD		MX1
PIN 3	DATACLKo	BT1
PIN 4	PKTDATA	BT2 BT3
PIN 7	FS _o	BT5
PIN 11	RXTXENi	BT9
PIN 9	RSTbi	BT7
PIN 6	SPIDATA	BT4 BT12
PIN 15	SPICLK _i	BT13
PIN 13	CENBi	BT11
PIN 12	GPO _o	PC14
NO USE		BT6, 7, 8, 10

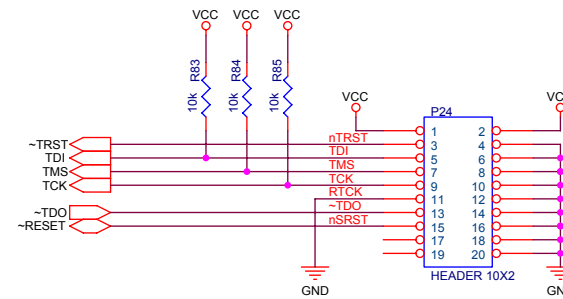
DB9 PIN	DBMX1 DCE	DIR	COMPUTER DTE	DIR
1	DCD	O	DCD	I
2	TXD	O	RXD	I
3	RXD	I	TXD	O
4	DTR	I	DTR	O
5	GND		GND	
6	DSR	O	DSR	I
7	CTS	I	RTS	O
8	RTS	O	CTS	I
9	RI	O	RI	I

Debug Ports

Multi-Trace Interface Connector



Multi-ICE Interface Connector

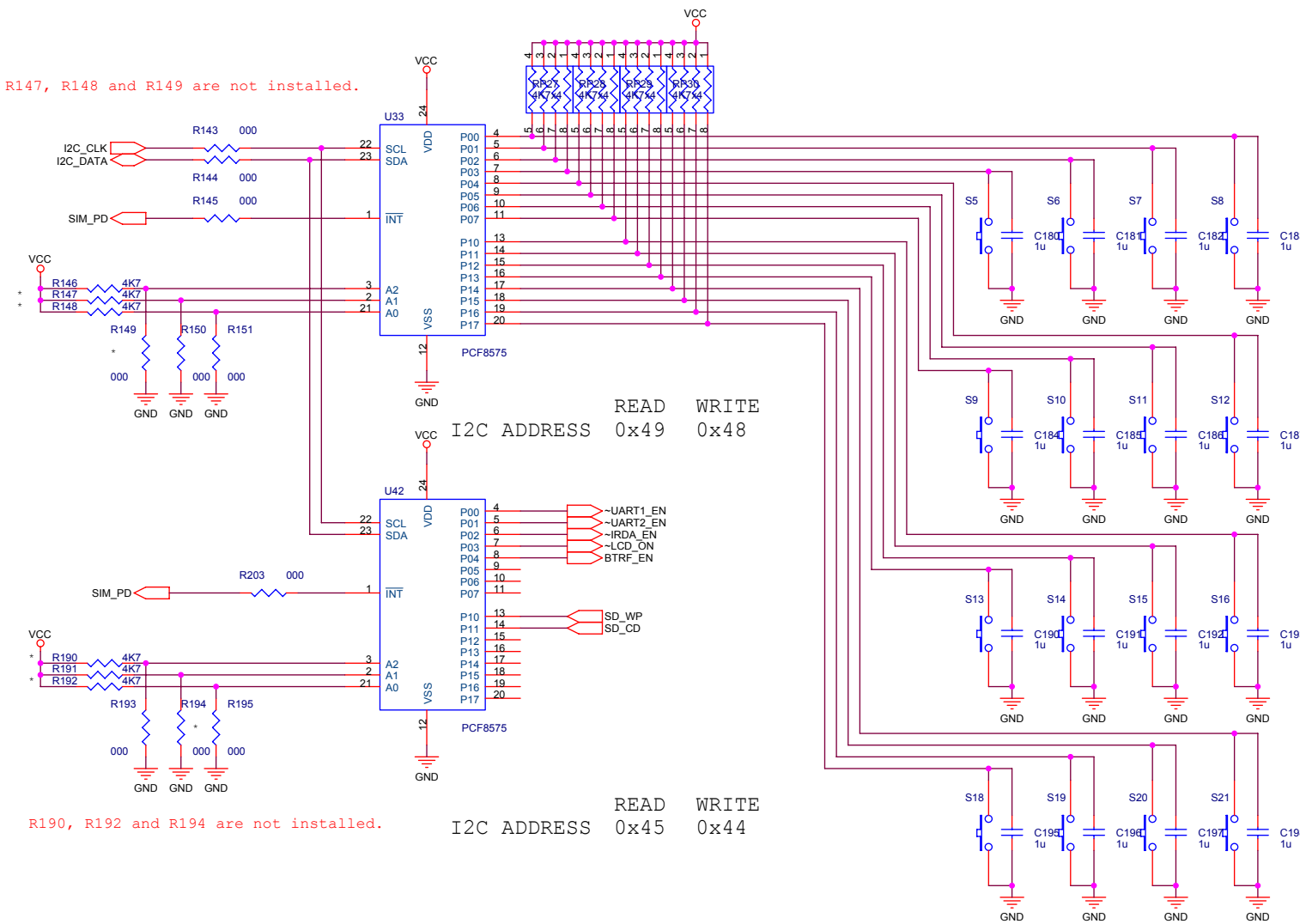


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Title		
M9328MXLADS		
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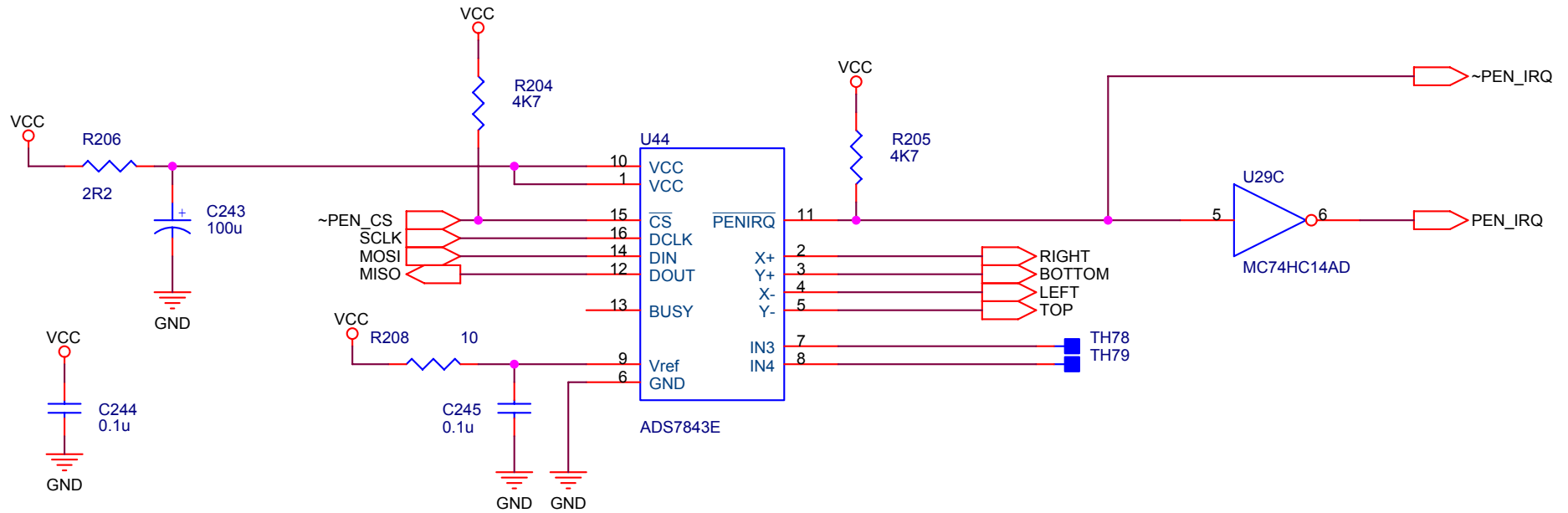
IO Expanders

R147, R148 and R149 are not installed.



R190, R192 and R194 are not installed.

Touch Panel Controller



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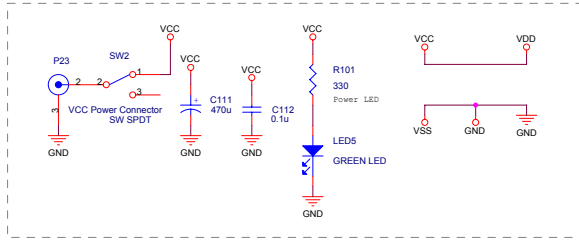
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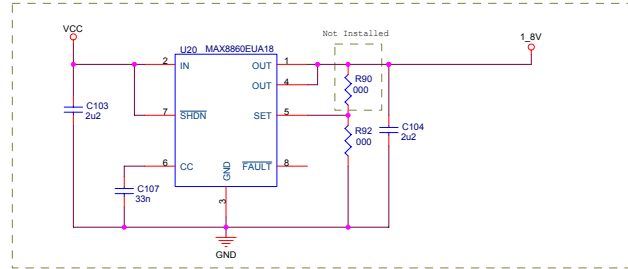
Date: Saturday, November 02, 2002

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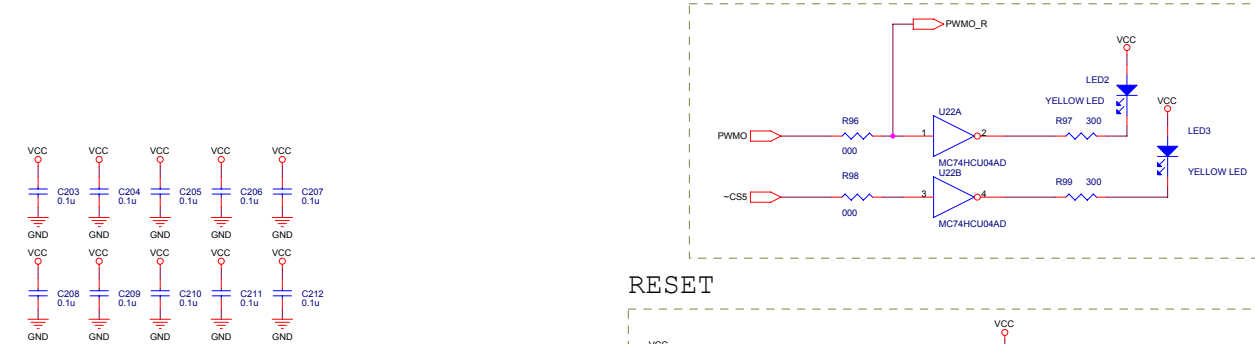
Power Connector



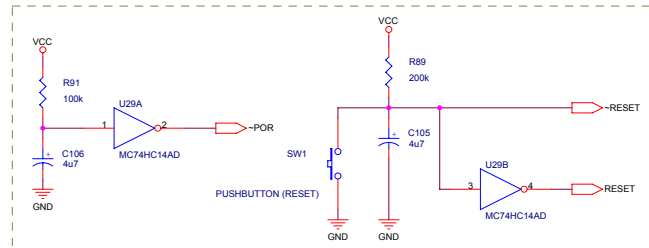
External Voltage Regulator



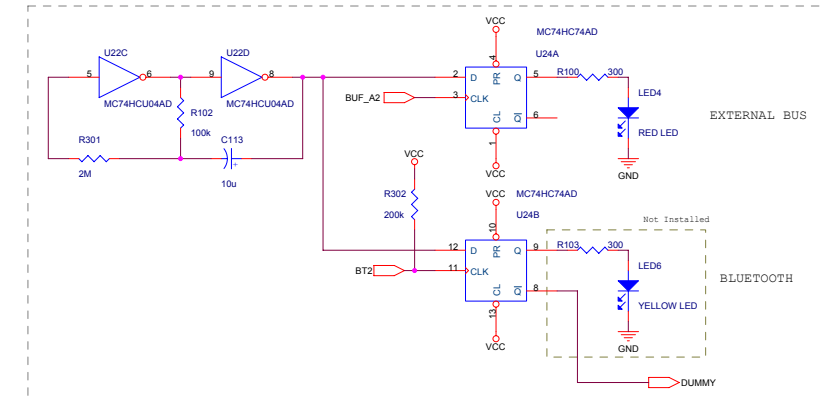
General Purpose LEDs



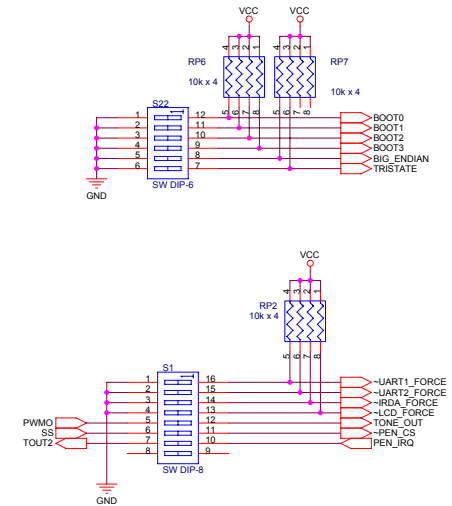
RESET



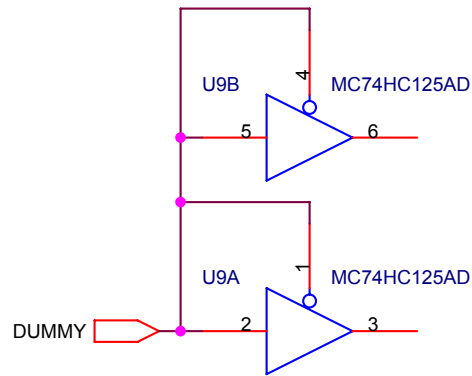
Heart Beat Circuit



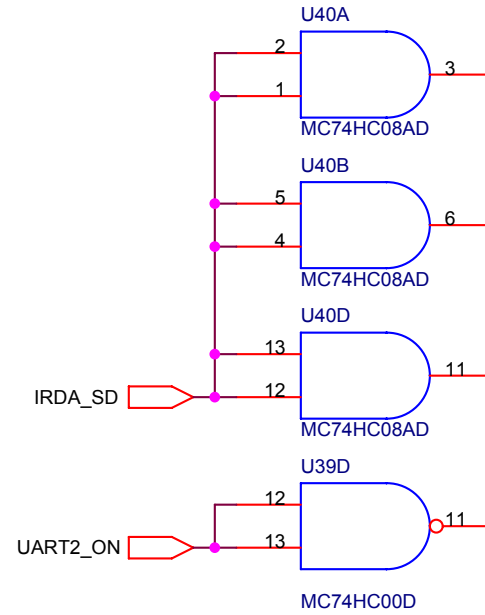
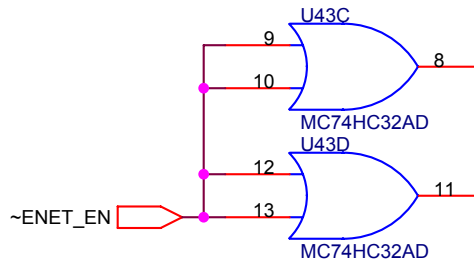
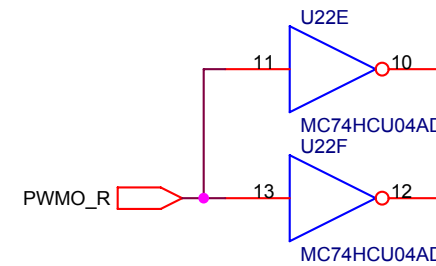
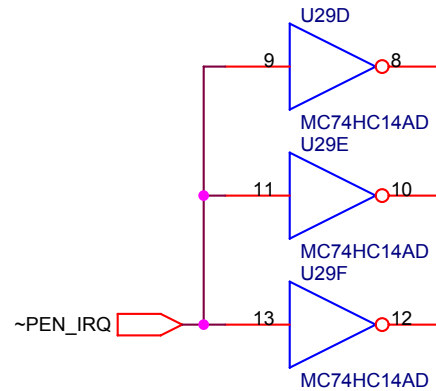
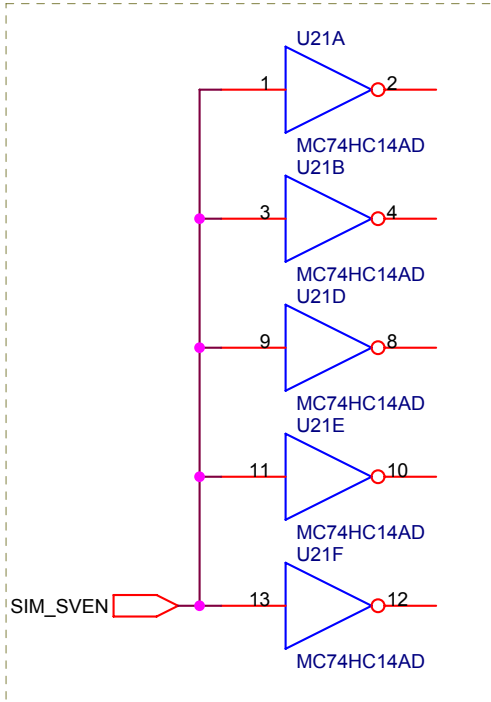
Boot Mode Selection



Unused Gates



Not Installed



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