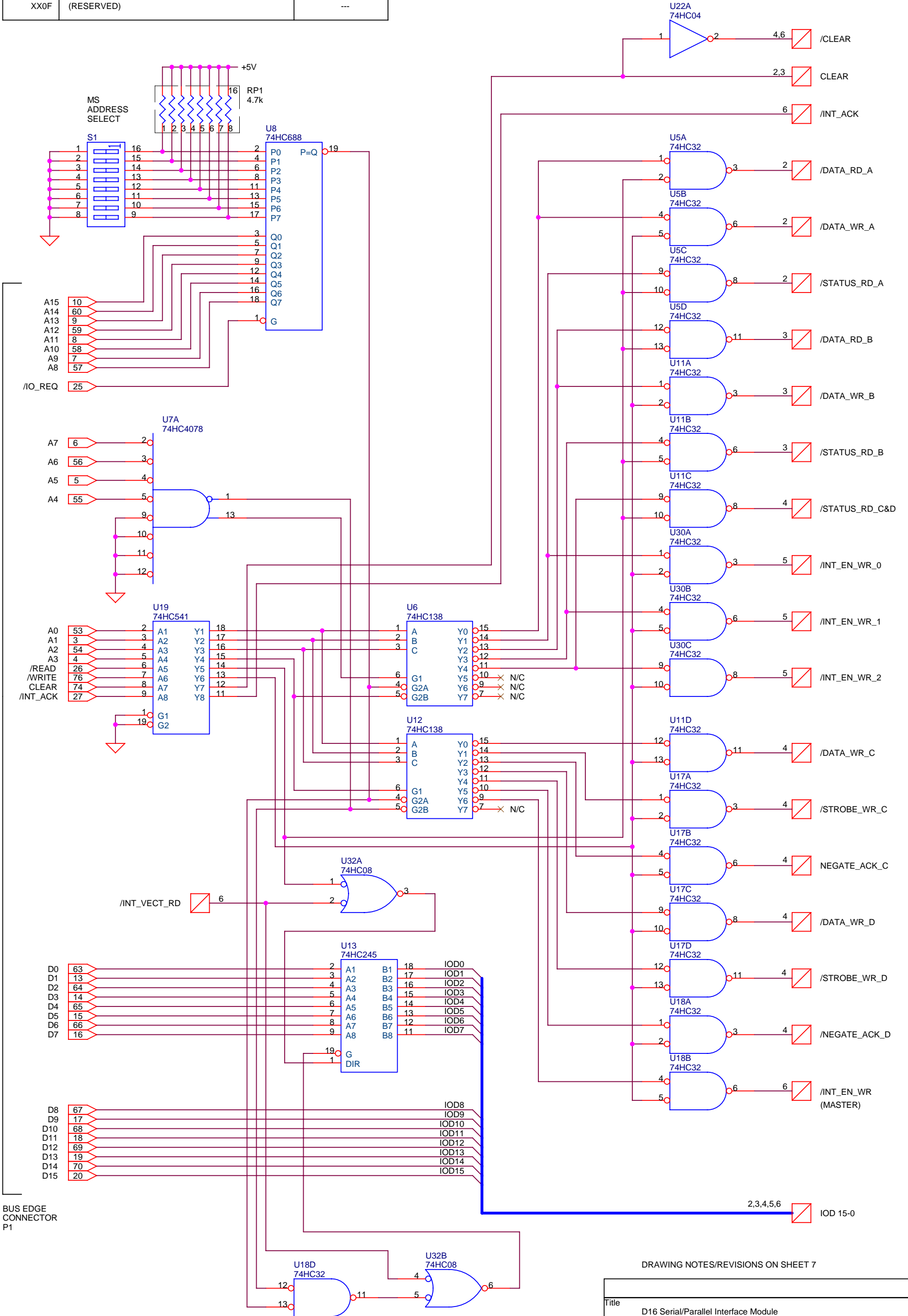
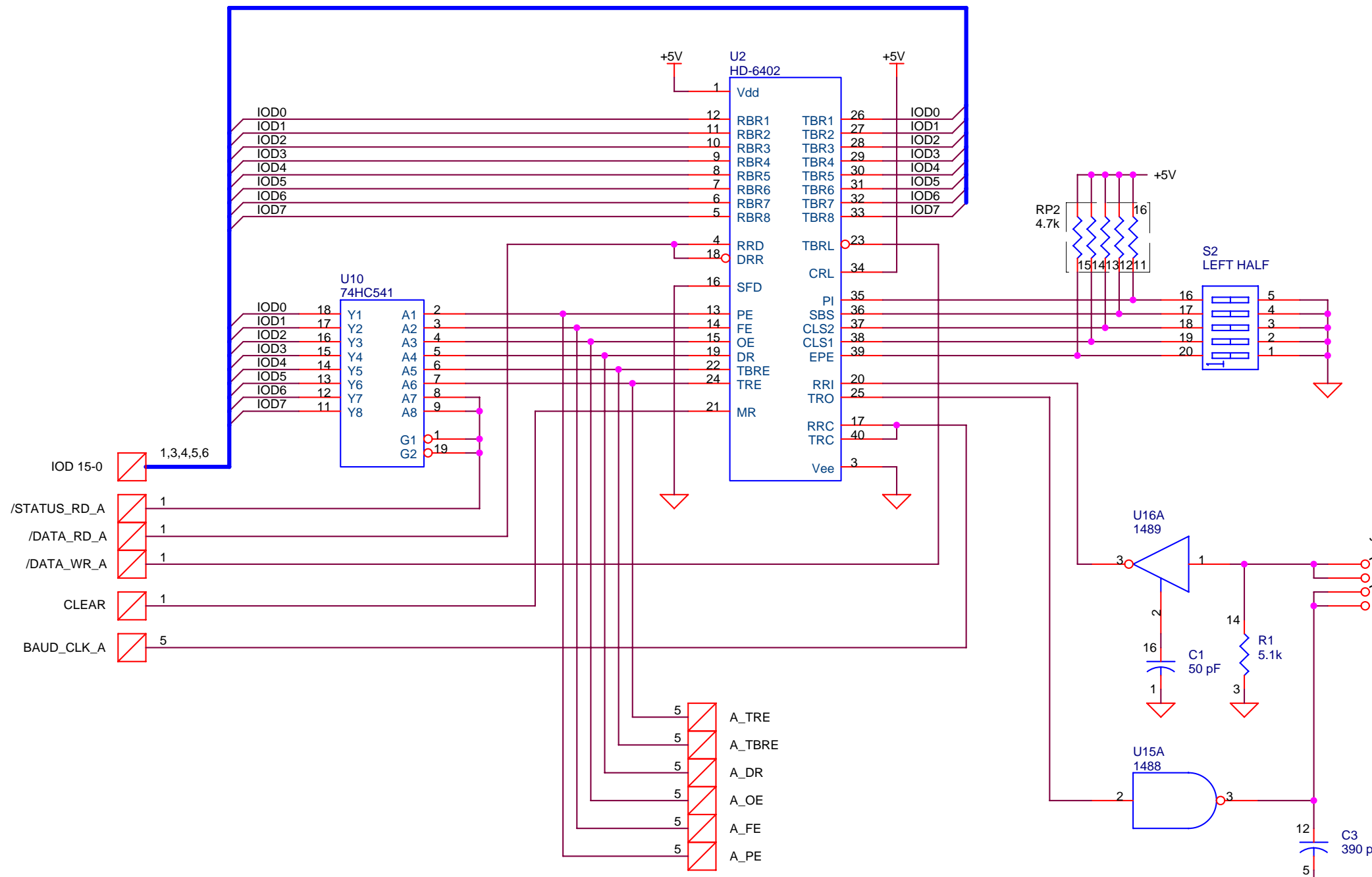


ADDRESS	FUNCTION	TYPE
XX00	SERIAL PORT A DATA	READ/WRITE
XX01	SERIAL PORT A STATUS/INTERRUPT ENABLE	READ/WRITE
XX02	SERIAL PORT B DATA	READ/WRITE
XX03	SERIAL PORT B STATUS/INTERRUPT ENABLE	READ/WRITE
XX04	PARALLEL PORTS C&D STATUS/INTERRUPT ENABLE	READ/WRITE
XX05	(RESERVED)	---
XX06	(RESERVED)	---
XX07	(RESERVED)	---
XX08	PARALLEL PORT C DATA	WRITE
XX09	PARALLEL PORT C STROBE	WRITE
XX0A	PARALLEL PORT C NEGATE ACK	WRITE
XX0B	PARALLEL PORT D DATA	WRITE
XX0C	PARALLEL PORT D STROBE	WRITE
XX0D	PARALLEL PORT D NEGATE ACK	WRITE
XX0E	MASTER INTERRUPT ENABLE	WRITE
XX0F	(RESERVED)	---



DRAWING NOTES/REVISIONS ON SHEET 7

Title D16 Serial/Parallel Interface Module		
Size	Document Number DE000004	Rev 1.1
Date:	Tuesday, April 26, 2005	Sheet 1 of 7

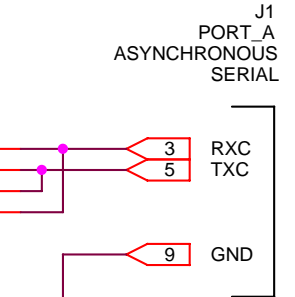


PI	FUNCTION
OPEN	PARITY INHIBIT
CLOSED	PARITY ENABLE

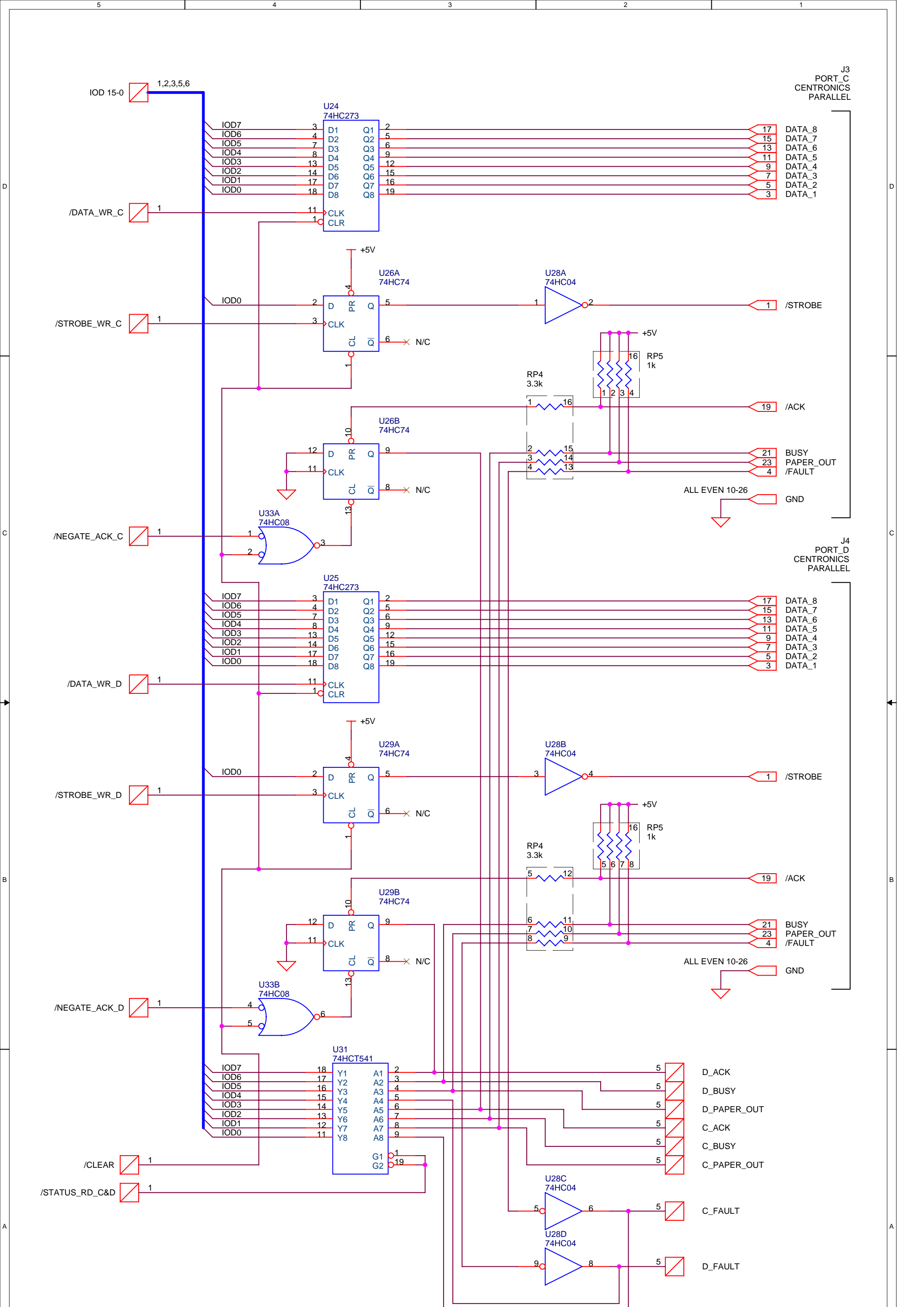
SBS	FUNCTION
OPEN	2 STOP BITS
CLOSED	1 STOP BIT

CLS2	CLS1	BITS/CHAR
OPEN	OPEN	8 BITS
OPEN	CLOSED	7 BITS
CLOSED	OPEN	6 BITS
CLOSED	CLOSED	5 BITS

EPE	FUNCTION
OPEN	EVEN PARITY
CLOSED	ODD PARITY

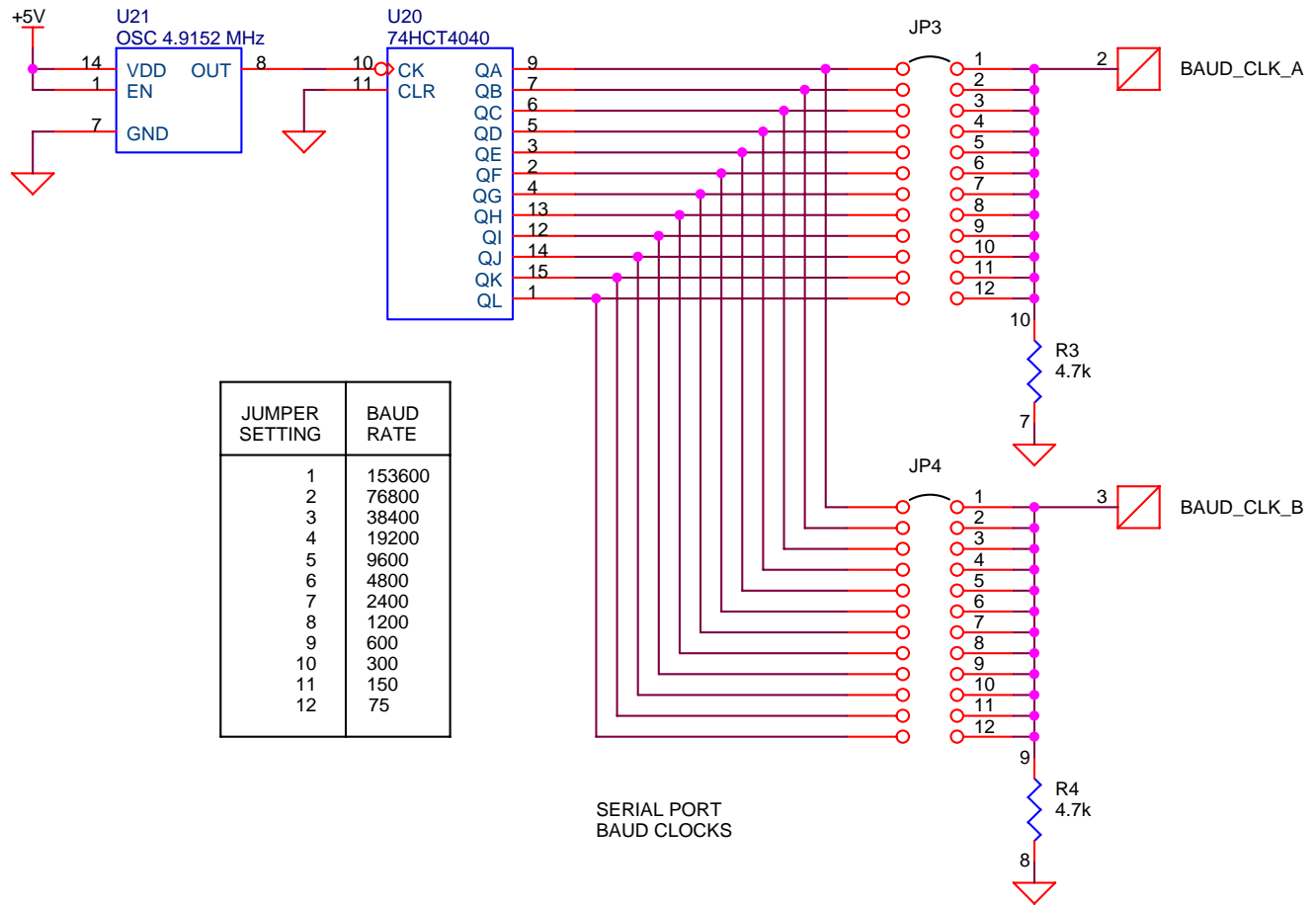
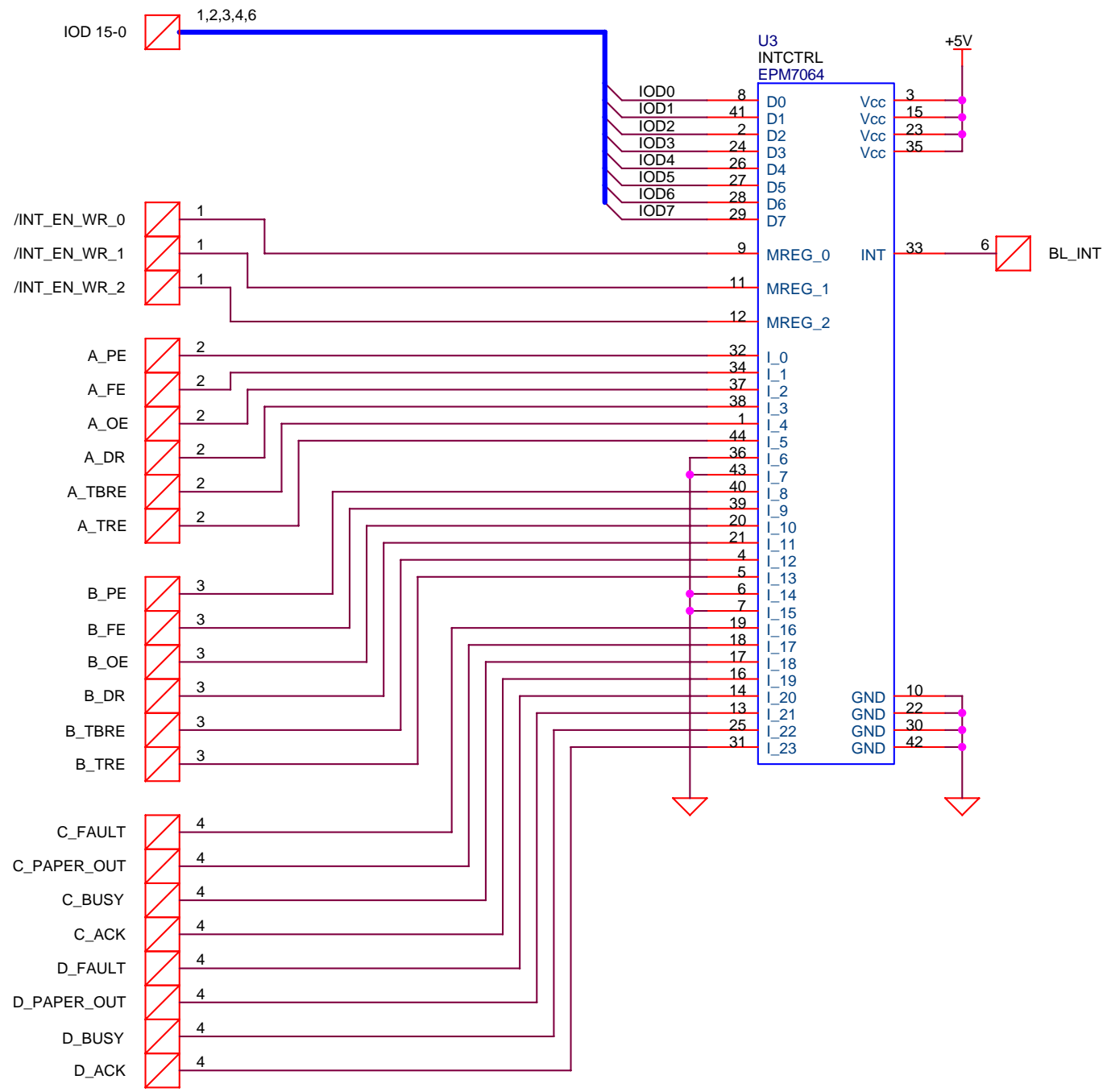


JP1 JUMPERS	MODE
1,3	DCE
2,4	DTE
1,2 or 3,4	LOOPBACK



Title		
D16 Serial/Parallel Interface Module		
Size	Document Number	Rev
	DE000004	1.1
Date:	Friday, March 18, 2005	Sheet 4 of 7

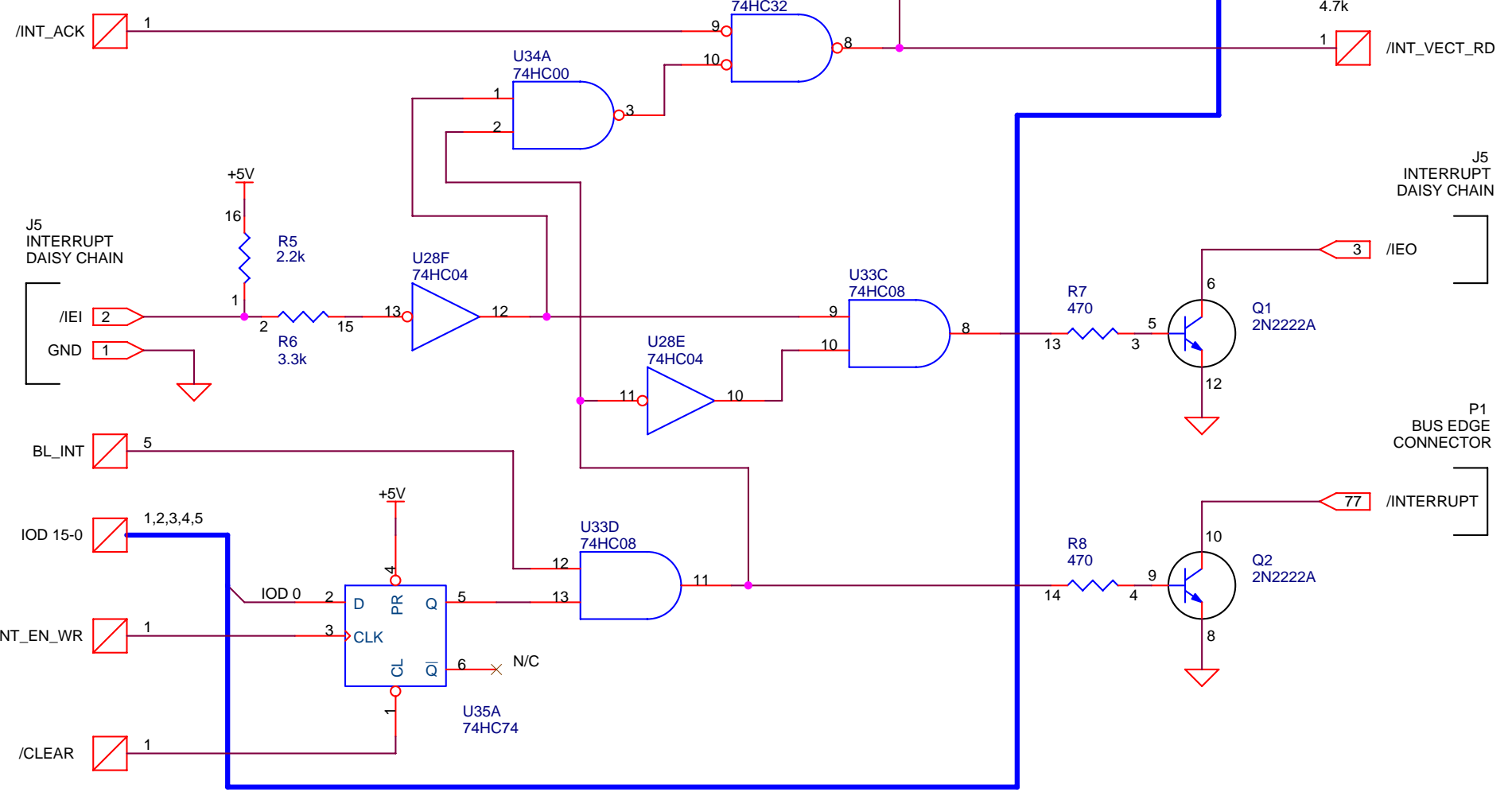
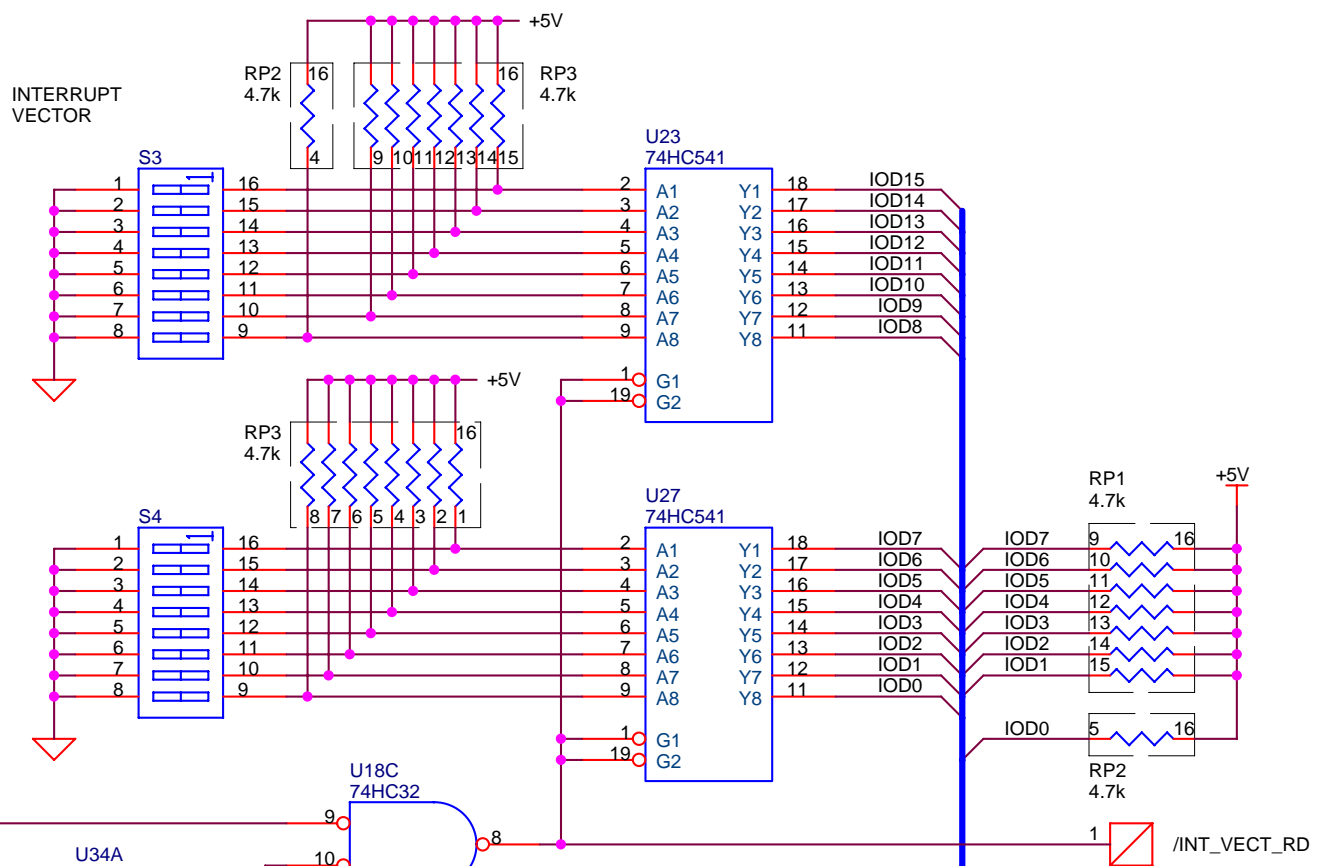
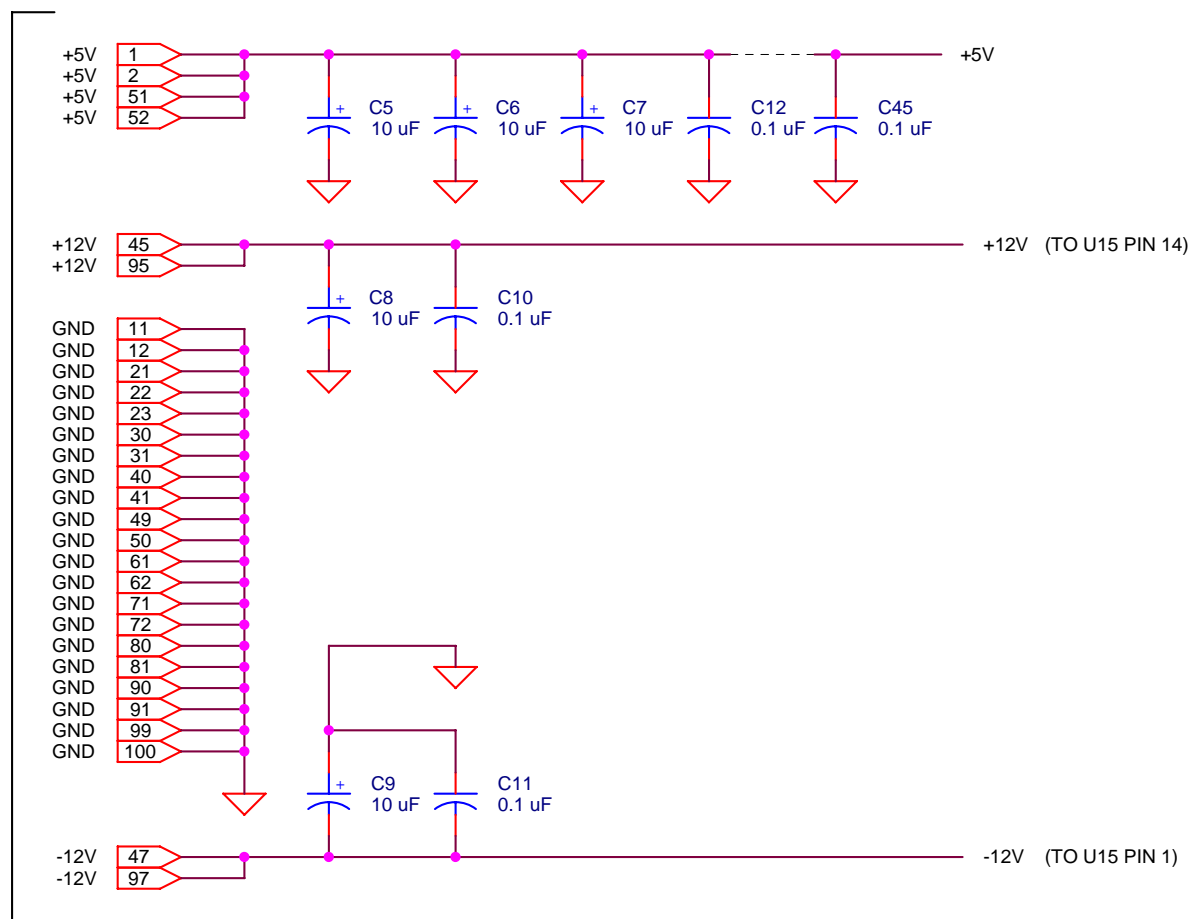
INTERRUPT CONTROL



Title D16 Serial/Parallel Interface Module		
Size	Document Number DE000004	Rev 1.1
Date:	Tuesday, April 26, 2005	Sheet 5 of 7

P1
BUS EDGE
CONNECTOR

POWER DISTRIBUTION



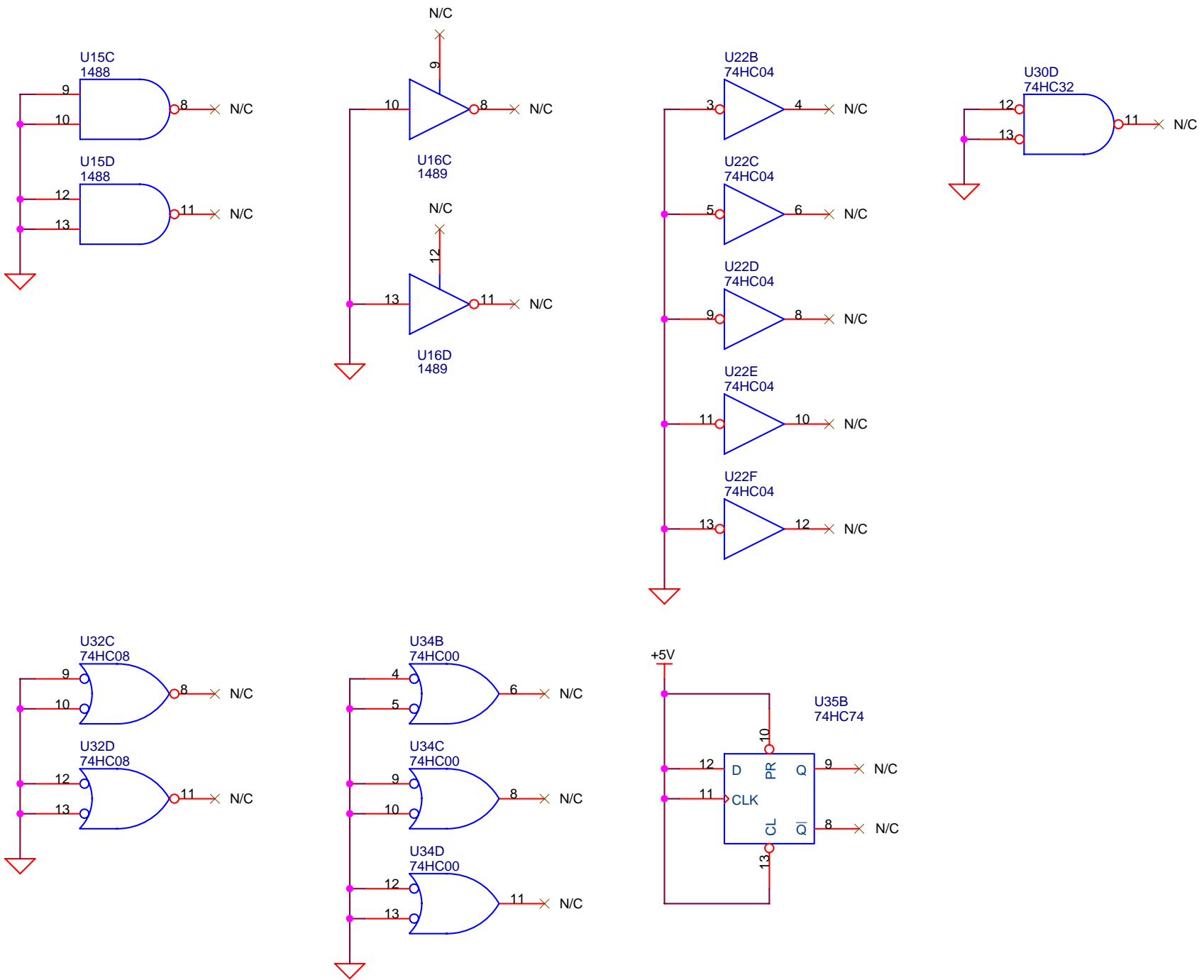
INTERRUPT PRIORITY
AND VECTOR LOGIC

Title		
D16 Serial/Parallel Interface Module		
Size	Document Number	Rev
	DE000004	1.1
Date:	Friday, March 18, 2005	Sheet 6 of 7

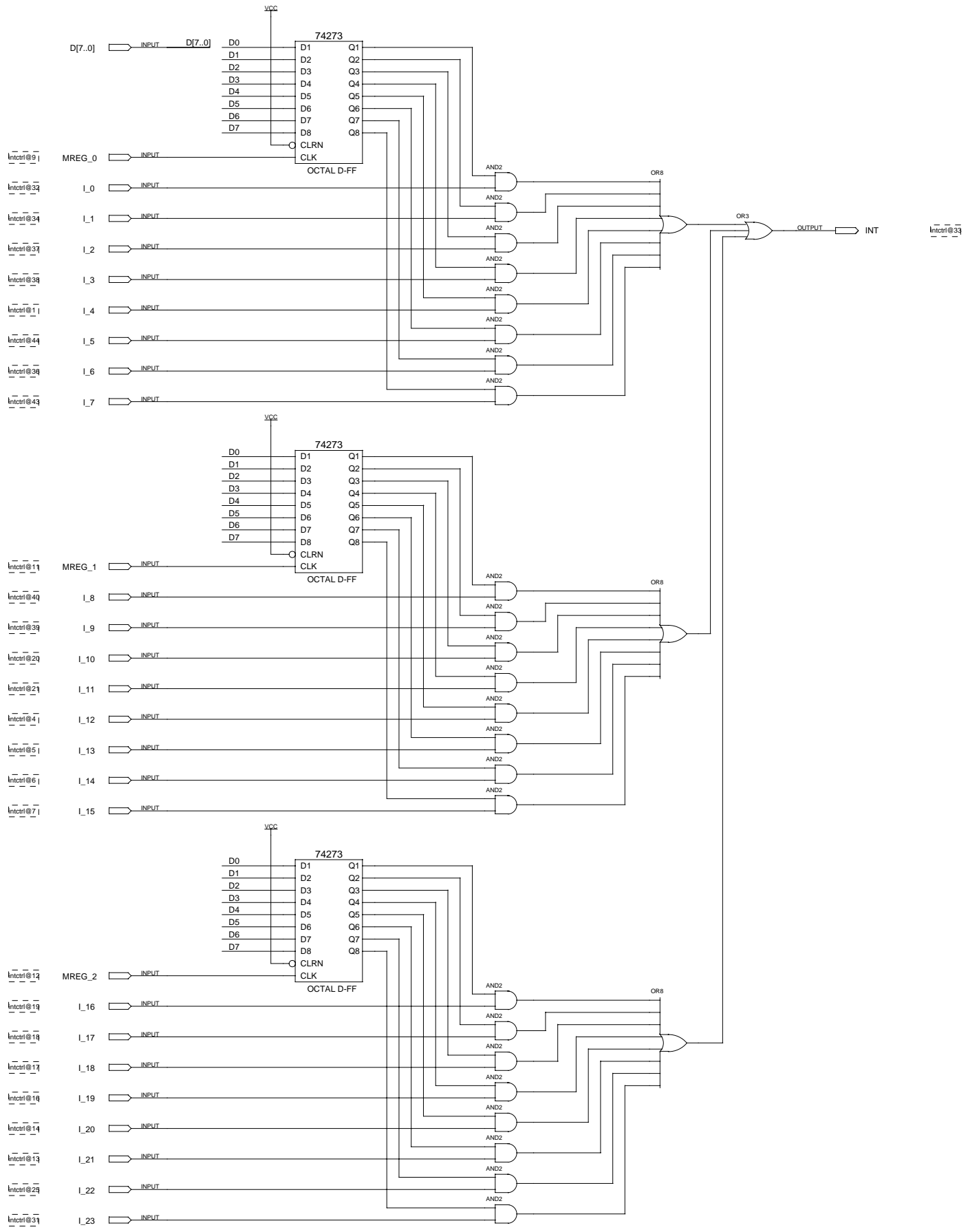
REV	DATE	CHANGES
1.0	05/06/04	BASIC COMPLETED DESIGN
1.1	04/26/05	DRAWING CLEANUP AFTER DEBUG

- NOTES:
- 1: ALL RESISTORS IN OHMS, 1/4W 5%
 - 2: ALL CAPACITORS IN MICROFARADS
ALL POLAR CAPACITORS TANTALUM, 25V 10%
ALL NON-POLAR CAPACITORS CERAMIC, 50V 10%
 - 3: DISCRETE COMPONENTS C1-C4, R1-R4 MOUNTED ON COMPONENT CARRIER CC1
 - 4: DISCRETE COMPONENTS R5-R8, Q1, Q2 MOUNTED ON COMPONENT CARRIER CC2

SPARE GATES



Title		
D16 Serial/Parallel Interface Module		
Size	Document Number	Rev
	DE000004	1.1
Date:	Tuesday, April 26, 2005	Sheet 7 of 7



-DATA PINS-	-POWER PINS-
D0 8	Vcc: 3, 15, 23, 35
D1 41	GND: 10, 22, 30, 42
D2 2	
D3 24	
D4 26	
D5 27	
D6 28	
D7 29	

INTERRUPT CONTROLLER FOR D16 SPI MODULE			
TITLE INTCTRL			
COMPANY Epilog Corp.			
DESIGNER John Doran			
SIZE EV	NUMBER 1.00	REV 1.0	
DATE 9:13a 4-26-2005	SHEET 1	OF 1	