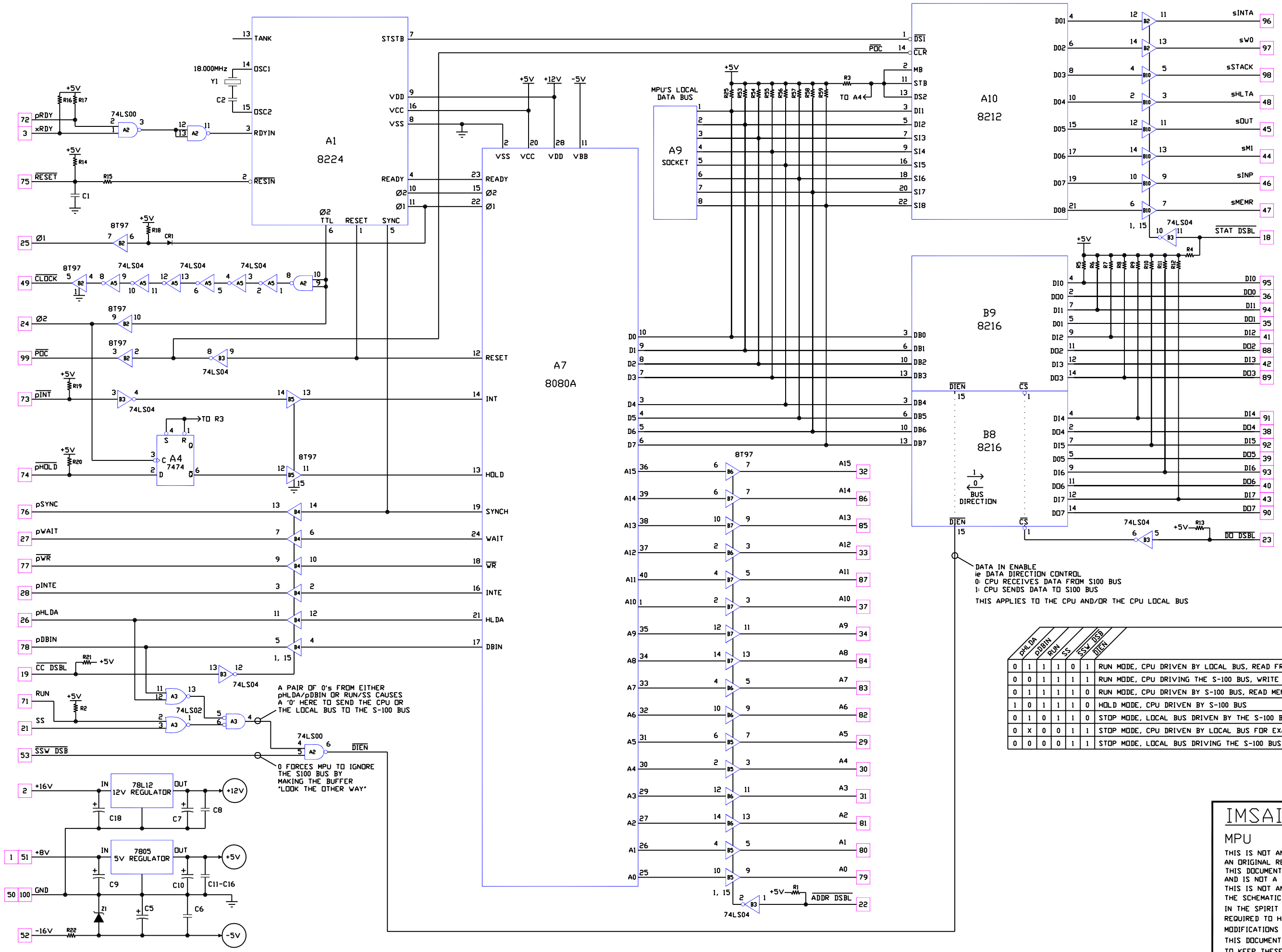

DATA IN ENABLE
ie DATA DIRECTION CONTROL
0: CPU RECEIVES DATA FROM S100 BUS
1: CPU SENDS DATA TO S100 BUS

THIS APPLIES TO THE CPU AND/OR THE CPU LOCAL BUS

pHLDA	pDBIN	RUN	SS	SSW DSB	DIEN	
0	1	1	1	0	1	RUN MODE, CPU DRIVEN BY LOCAL BUS, READ FRONT PANEL SWITCHES
0	0	1	1	1	1	RUN MODE, CPU DRIVING THE S-100 BUS, WRITE MEMORY OR I/O
0	1	1	1	1	0	RUN MODE, CPU DRIVEN BY S-100 BUS, READ MEMORY OR I/O
1	0	1	1	1	0	HOLD MODE, CPU DRIVEN BY S-100 BUS
0	1	0	1	1	0	STOP MODE, LOCAL BUS DRIVEN BY THE S-100 BUS, DISPLAY CURRENT RAM ADDRESSED
0	X	0	0	1	1	STOP MODE, CPU DRIVEN BY LOCAL BUS FOR EXAMINE (JMP) AND NEXT (NOP)
0	0	0	0	1	1	STOP MODE, LOCAL BUS DRIVING THE S-100 BUS FOR RAM DEPOSIT (WRITE)

IMSAI 8080

MPU

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