

TITLE: MPF—I			
SHEET 3 OF 4	DATE	REVISIONS	
DRAWING NO. 810972		A	

P1 PIN FUNCTION			
PIN NO	SIGNAL	PIN NO	SIGNAL
1	A11	21	A10
2	A12	22	A9
3	A13	23	A8
4	A14	24	A7
5	A15	25	A6
6	\overline{A}	26	A5
7	D4	27	A4
8	D3	28	A3
9	D5	29	A2
10	D6	30	A1
11	NC	31	A0
12	D2	32	GND
13	D7	33	\overline{RESET}
14	D0	34	\overline{M}
15	D1	35	\overline{RESET}
16	\overline{INT}	36	\overline{BUSAK}
17	\overline{NMI}	37	\overline{WAIT}
18	HALT	38	\overline{BUSAK}
19	\overline{FREQ}	39	\overline{WR}
20	\overline{TORQ}	40	\overline{RD}

P2 PIN FUNCTION			
PIN NO	SIGNAL	PIN NO	SIGNAL
1	NC	21	PB0
2	NC	22	PB1
3	NC	23	PB2
4	NC	24	PB3
5	NC	25	PB4
6	NC	26	PB5
7	PA7	27	PB6
8	PA6	28	PB7
9	PA5	29	NC
10	PA4	30	GND
11	GND	31	CK/TR0
12	PA3	32	CK/TR1
13	PA2	33	CK/TR2
14	PA1	34	CK/TR3
15	PA0	35	ZC/T06
16	\overline{ASTB}	36	ZC/T01
17	\overline{BSTB}	37	ZC/T02
18	ARDY	38	PIO IEO
19	ARDY	39	CTC DEI
20	NC	40	NC

JP3 JP4 JP5 U6
ABC DEF GHI 2764

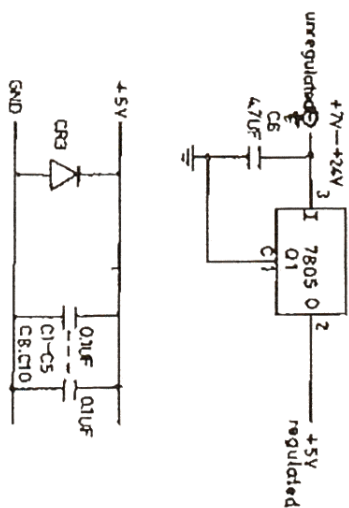
U7
SEE NOTE

0-0-0 0-0-0 0-0-0 4K (0 - 0FEFH)
0-0-0 0-0-0 0-0-0 4K (0 - 0FEFH)
0-0-0 0-0-0 0-0-0 6K (0 - 1FEFH)

4K (2000 - 2FEFH)
8K (2000 - 3FEFH)
8K (2000 - 3FEFH)

NOTE: 1 U7 is optional, it may be 2732, 2732, 2764, 6264

2 If you want to expand the memory size of U6 to 6K, Qa(2N3904), Ra(1K), Rb(1K), Rd(1.7K), Cb(100p), must be added.



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