



# HM86302

## SINGLE CHIP MCPA

### Features

- \* MDA, CGA, HGA 100% fully compatible.
- \* Auto-sense 80 or 132 text mode.
- \* Support soft character generator function.
- \* Includes light pen function.
- \* Support direct-drive monitor.
- \* Selectable printer port.
- \* Programmable setup register.
- \* Flick free display.
- \* Low power CMOS process.
- \* 100 pin flat package.

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Pin number/Name							
1	A0	31	D3	51	LPINP/BNAB	81	CA1
2	A1	32	D4	52	VS	82	CA0
3	A2	33	D5	53	HS	83	VCC
4	A3	34	D6	54	V	84	OE
5	A4	35	D7	55	I	85	RW
6	A5	36	VCC	56	B	86	CAS
7	A6	37	RESET	57	G	87	RAS
8	A7	38	DIR	58	R	88	VSS
9	A8	39	PDL	59	VSS	89	DR7
10	A9	40	VSS	60	CG7	90	DR6
11	A10	41	SLCTO	61	CG6	91	DR5
12	A11	42	INIT	62	CG5	92	DR4
13	A12	43	AUTOFD	63	CG4	93	DR3
14	A13	44	STROBE	64	CG3	94	DR2
15	A14	45	ERROR	65	CG2	95	DR1
16	A15	46	SLCT	66	CG1	96	DR0
17	A16	47	PE	67	CG0	97	16MI
18	A17	48	BUSY	68	WE	98	16MO
19	A18	49	ACK	69	CA13	99	14MI
20	A19	50	LPSW/FIRE	70	CA12	100	IRQ
21	VSS			71	CA11		
22	IOR			72	CA10		
23	IOW			73	CA9		
24	MEMR			74	CA8		
25	MEMW			75	CA7		
26	AEN			76	CA6		
27	IORDY			77	CA5		
28	D0			78	CA4		
29	D1			79	CA3		
30	D2			80	CA2		



### Pin Assignment

