



HM82C11 PRINTER ADAPTER INTERFACE

HM8348 MOUSE CONTROLLER

Features

- * High driving capabilities.
- * Internal diagnostic capabilities.
- * Easily interfaces with most popular microprocessor.
- * Communications with other parallel device.
- * User-controlled interrupt request.
- * Single 5V power supply.
- * Completely TTL-interface.

Pin Assignment

X1	1	40	V _{DD}
X2	2	39	A1
CLK	3	38	A0
DCLK	4	37	P0
RST	5	36	P1
IOW	6	35	P2
IOR	7	34	P3
DIR	8	33	P4
D0	9	32	P5
D1	10	31	P6
D2	11	30	P7
D3	12	29	ERROR
D4	13	28	SLCT
D5	14	27	PE
D6	15	26	ACK
D7	16	25	BUSY
IRQ	17	24	STROB
CS1	18	23	AUTOFD
CS2	19	22	INIT
V _{SS}	20	21	SLCT IN

HM 82C11

Features

- * Auto speed with dynamic resolutions.
- * Low power dissipation.
- * Use 32.768 KHz crystal.
- * CMOS DIP 18 pins package.
- * Oscillator circuits on-chip.
- * Serial output in 1,200 baud rate or 9,600 baud rate available.
- * Can be power directly from RS-232C.
- * Three key-switches and four photo-couples input.
- * Both key-in and key-release debounce interval 52 ms.
- * Through three key-switches input, HM 8348 can exert seven different output.
- * The motion detector of the HM8348 could sense 4m/sec maximum. Photo-couple motion detector with noise immunity.
- * The HM8348 exists in two versions 1200/9600 baud rate or tristate mode selector available.

Pin Assignment

HM 8348

RTS	1	18	V _{DD}
L	2	17	Y2
M	3	16	Y1
R	4	15	V _{REF}
HB/LB	5	14	X2
OSC.IN	6	13	X1
OSC.OUT	7	12	AUT
OSC.DR	8	11	RXD
V _{SS}	9	10	RXD