



# HM9102/A/C

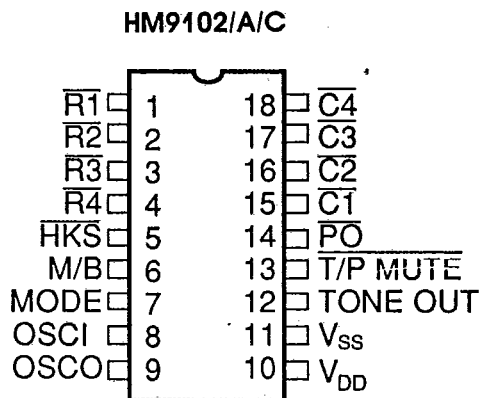
## TONE/PULSE SWITCHABLE DIALER WITH REDIAL

### Features

- Tone/Pulse switchable Dialer.
- One 32-digit memory for the last number redial. (HM9102 only; others: 31-digit)
- Auto pause access for PBX operation; 3.6 sec per pause. (2sec., 3.2sec. pause time can be obtained by metal option.)
- Pulse to tone key (P→T) for toll service operation, automatically insert a pause time per P→T.
- Use 3.579545MHz crystal.
- Flash Key is available in PBX; Flash time is 600ms & 100ms by M/B controller.
- In pulse mode \*, # can be used as pause & redial function.
- Minimum tone duration=100ms and minimum intertone pause=106ms for rapid key-in.
- M/B PIN SELECT TO 3 TYPES:

HM9102/A	M/B	Pulse rate	Flash time	M/B rate
	OPEN	20PPS	600ms	33:66
V <sub>SS</sub>	10PPS	600ms	40:60	
V <sub>DD</sub>	10PPS	100ms	33:66	
HM9102C	M/B	Pulse rate	Flash time	M/B rate
	OPEN	20PPS	600ms	33:66
V <sub>SS</sub>	10PPS	100ms	40:60	
V <sub>DD</sub>	10PPS	600ms	33:66	

### Pin Assignment



### Keyboard Scheme

COL1	COL2	COL3	COL4	
1	2	3	P→T	ROW1
4	5	6	F	ROW2
7	8	9	P	ROW3
*	0	#	R	ROW4

P→T: Pulse to Tone Key    F: Flash  
 P: Pause    R: Redial  
 \*: Pause (In pulse mode)    #: Redial (In pulse mode)