

# HM9102/A/C

## TONE/PULSE SWITCHABLE DIALER WITH REDIAL

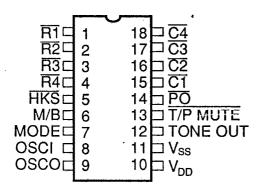
#### **Features**

- 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  $(P \rightarrow T)$  for toll service operation, automatically insert a pause time per  $P \rightarrow T$ .
- 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 V <sub>SS</sub> V <sub>DD</sub>	20PPS 10PPS 10PPS	600ms 600ms 100ms	33:66 40:60 33:66
HM9102C	M/B	Pulse rate	Flash time	M/B rate
	OPEN V <sub>SS</sub> V <sub>DD</sub>	20PPS 10PPS 10PPS	600ms 100ms 600ms	33:66 40:60 33:66

### Pin Assignment

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## **Keyboard Scheme**

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

P→T: Pulse to Tone Key

F: Flash

P: Pause R: Redial

<sup>\*:</sup> Pause (in pulse mode) #: Redial (in pulse mode)