HM9101 AY/BY

TONE/PULSE SWITCHABLE DIALER WITH REDIAL

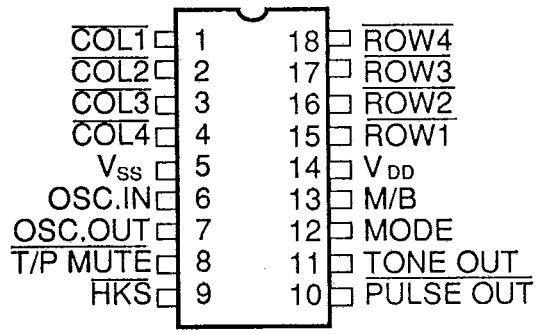
Features

- TONE/PULSE switchable Dialer.
- One 31-digit memory for the last number redial.
- Auto pause access for PBX operation; 3.6 sec per pause. But 2 sec, 3 sec 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.
- 9101AY: T/P MUTE, 9101BY: T MUTE
- M/B PIN SELECT TO 3 TYPES:

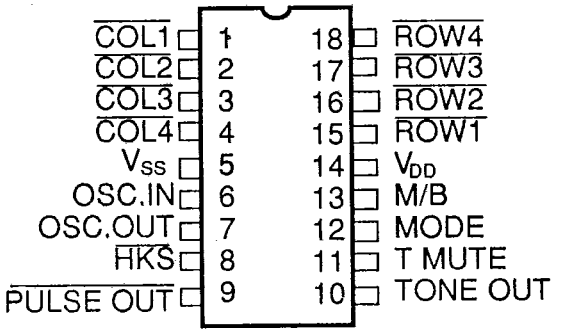
M/B	Pulse rate	Flash time	M/B rate
Open	20PPS	600ms	33:66
V_{DD}	10PPS	600ms	40:60
V_{SS}	10PPS	100ms	33:66

Pin Assignment

HM9101AY



HM9101BY



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)