



# HM9113A/C

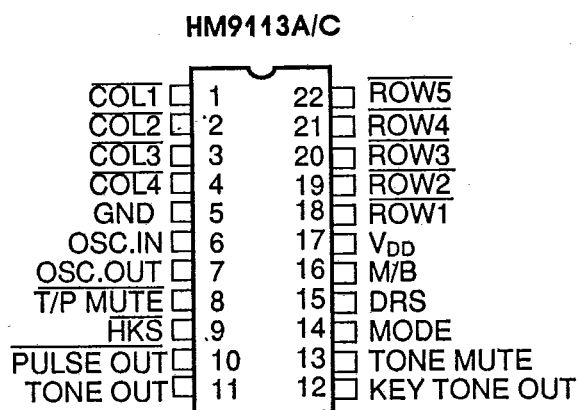
## TONE/PULSE SWITCHABLE & 14 MEMORY DIALER

### Features

- Tone/Pulse Switchable Dialer.
- Stores Ten 16-Digit Numbers for Repertory Dialing.
- Three 16-Digit Number for Emergency Calling Memory.
- Auto Pause Access; 3.6 sec. per pause (2 sec, 3.2 sec pause time can be obtained by metal option.)
- Key-Tone Output for valid keypad Entry recognition for both pulse mode and tone mode.
- Minimum tone duration=100ms and minimum intertone pause=106ms for rapid key-in.
- Use 3.579545MHz crystal.
- Pin selectable for M/B rate, flash time and pulse rate.
- Keyboard switching from pulse to tone mode.
- The M/B & DRS pin used to decode four selectable status as following

	M/B	DRS	M/B rate	Flash time	Pulse rate
HM9113A	1	1	40:60	600ms	10PPS
	0	1	33:66	100ms	10PPS
	0	0	33:66	600ms	20PPS
	1	0	test		
HM9113C	M/B	DRS	M/B rate	Flash time	Pulse rate
	1	1	40:60	100ms	10PPS
	0	1	33:66	600ms	10PPS
	0	0	33:66	600ms	20PPS
	1	0	test		

### Pin Assignment



### Keyboard Scheme

COL1	COL2	COL3	COL4	
1	2	3	EM1	ROW1
4	5	6	EM2	ROW2
7	8	9	EM3	ROW3
*	0	#	P→T	ROW4
R/P	S	A	F	ROW5

S: Store      A: Auto Dialing  
 EM1-EM3: Emergency 1-3    F: Flash  
 P→T: Pulse to tone switching.  
 R/P: First touch after off-hook is redial function.  
 Others execute pause function.