

UM91214/15 Series Tone/Pulse Dialer

Features

- One touch redial operation
- Tone/Pulse switchable
- 32-digit capacity for redialing
- Automatic mixed redialing (last number redial) of pulse to DTMF with multiple automatic access pauses,
- PABX auto-pause is 2.2 seconds
- DTMF Timing:
Manual dialing: minimum duration for bursts and pauses
Redialing: calibrated timing
- Hands-free control function
- Wide operating voltage range: 2V to 5.5V
- Key-in beep tone output
- Digits dialed manually after redialing are cascable and stored as additional digits for the next redialing
- Uses inexpensive ceramic resonator (3.58 MHz)
- Two versions for different telephone systems
- Built-in power up reset circuit
- Four extra function keys: flash, pause, redial and DP or DTMF mixed dialing
- Four-by-four (or 2 of 8) keyboard can be used
- Low standby current

Keyboard Assignments

1	2	3	F1	RT
4	5	6	F2	R2
7	8	9	P	R3
*/T	0	#	RD	R4
C1	C2	C3	GND	

1. */T -- At Pulse mode this key works as Pulse → DTMF key (T key), at DTMF mode the key works as *key. */T key will occupy one memory digit in either use.
2. F1 -- Flash key. The break time is 297 ms or 96 ms (UM91214/15 respectively)
3. F2 -- Flash key for break time 640 ms
4. P -- Pause key (2.2 seconds)
5. RD -- One key redial key
6. # -- At pulse mode this key input is neglected, at DTMF mode this key works as # key.

Ordering Information

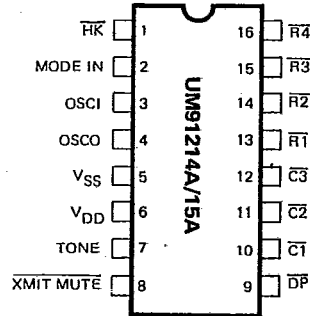
Part No.	Package	Key Tone	Hands Free Control	Dial Rate	M/B ratio	Flash	
						F1	F2
UM91214A	16-pin DIP	N. A.	N. A.	10/20 pps	1/2	297 ms	640 ms
UM91214B	18-pin DIP	A	N. A.				
UM91214C	18-pin DIP	N. A.	A				
UM91214D	20-pin DIP	A	A	10 pps	1/2, 2/3 Selectable	96 ms	640 ms
UM91215A	16-pin DIP	N. A.	N. A.				
UM91215B	18-pin DIP	A	N. A.				
UM91215C	18-pin DIP	N. A.	A				
UM91215D	20-pin DIP	A	A				

N.A.: Not Available

A: Available

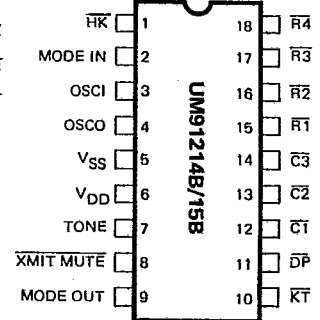
Pin Configurations

a. 16 Pin Package

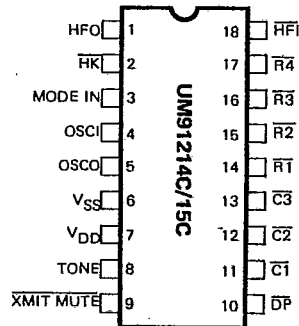


b. 18 Pin Packages

(i) Key Tone Output



(ii) Hands Free Control



c. 20 Pin Package

