



MOTOROLA

MC145310

Product Preview

Tone/Pulse dialler with flash

The MC145310 is a member of the Motorola HCMOS dialer family. This option meets French PTT requirements. Three dialing modes are pin selectable: Pulse; DTMF; and Mixed. Mixed mode allows changing from Pulse to DTMF by key entry. Last Number Recall (LNR) is 23-digit. LNR uses digit-by-digit comparison method, for use in residential and PBX connections. The Flash or Timed Break Recall time is 100 ms nominal, but is extendable with an external RC. A power-on reset feature avoids problems due to corrupted memory if the power supply fails.

FEATURES

- Stand-alone DTMF dialler
- Stand-alone pulse dialler
- Mixed dialling
- Dial mode pin selectable and switchable Pulse to Tone from keyboard
- Pulse rate 10 PPS and make/break ratio 33/67
- 3 x 5 keypad
- Mute during signalling
- Low voltage power-on reset of LNR
- Flash with extendable duration
- 23 digit-by-digit LNR comparison
- Low DTMF output distortion
- 3.579545 MHz CTV crystal reference
- HCMOS, 1.7–6 V for pulse and 2.5–6 V for tone operating voltage.

