

加急出货

Repertory pulse dialler with redial

PCD3315/512; PCD3315/513

■ NAPC/PHILIPS SEMICONDUCTOR

63E D

FEATURES

- Redial
- Extended redial
- Number of digits per call is infinite (FIFO register)
- 10 repertory numbers (18 digits)
- Electronic note pad
- 4 x 4 keyboard (function keys: program/autodial, flash, redial and access pause)
- 2 x 5 keyboard extension for repertory dial
- Four diode or strap functions:
 - mark/space ratio
 - flash time
 - access pause time
 - tone burst time
- Special inputs: CE, $\overline{\text{HOLD}}$ and RESET
- Special outputs: $\overline{\text{AP}}$ and M1
- Mark/space ratio 2:1 or 3:2 (only for 10 Hz)
- Pulse dialling for 10, 16 and 20 Hz (PCD3315/512)
- Pulse dialling 10 Hz for Sweden and Norway (PCD3315/513)
- DTMF dial control of PCD3312A
- DTMF tone/pause 70/70 or 100/100 ms (PCD3315/512)
- DTMF tone/pause 70/70 or 170/170 ms (PCD3315/513)
- Flash 95 or 650 ms
- Manual insertion of access pause
- Automatic insertion of access pause
- Access pause time for pulse dialling 3 or 5 s
- Access pause time for DTMF 1.5 or 2.5 s
- On-chip power-on reset
- 2.5 to 6.0 V operating supply voltage
- 3.58 MHz crystal oscillator.

GENERAL DESCRIPTION

The PCD3315/512 and PCD3315/513 are single-chip CMOS dialler ICs for telephone sets. They have two dialling modes; pulse dialling (PD) and dual tone multi-frequency (DTMF) when used in conjunction with tone generator PCD3312A. In addition to manual dialling they also feature several automatic functions e.g. Redial, Extended redial, note pad and repertory dial.

ORDERING INFORMATION

EXTENDED TYPE NUMBER	PACKAGE			
	PINS	PIN POSITION	MATERIAL	CODE
PCD3315P	28	DIL	plastic	SOT117
PCD3315T	28	SO28	plastic	SOT136A

