

GIGASET MD40

Best Performance - Small Size DECT Module for Radio Data Transmission



The Gigaset MD40 provides best performance on a small module for full duplex radio data transmission via DECT standard.

The MD40 enables secure data transmission in the own DECT frequency range with proven coexistence mechanism. The MD40 is designed for easy integration and worldwide use (ref. World map at www.dect.org). The MD40 is the successor of the MD32/MD34 module.

AT A GLANCE

- Full duplex radio data transmission via DECT standard up to 115 kbps
- Radio Coverage indoor up to 50m, outdoor up to 300m
- Configuration as fixed part (FP) or portable part (PP)
- Fast Antenna Diversity on built-in wired antennas or external antennas (MMCX)
- Standard firmware: up to 16 PPs at 1 FP with up to 4 simultaneous connections
- APP can be subscribed to up to 6 FPs for network roaming capability
- RS232 (3V-TTL) serial interface, GPIOs, ADCs
- Single wide range power supply (3-5V)
- Programmable flash memory for application specific firmware adaption
- Module is approved and R&TTE and FCC certified
- Optional firmware with connectionless data transmission features available
- Software interface compatible to MD32 firmware, Hardware-Adaptor available

TECHNICAL SPECS

DIMENSIONS

- 47 mm x 30 mm x 5.5 mm

OPERATING TEMPERATURE

- full RF performance -20°C - +60°C
- 0.5 dB less perform. -25°C - +70°C

IDLE CURRENT (AVERAGE)

- Portable Part: typ. 4mA
- Fixed Part: typ. 35mA

INPUT VOLTAGE RANGE

- 3.0 V – 5.5 V

DECT FREQUENCY RANGE (MHz)

- Standard: 1880-1900
- USA & CAN: 1920-1930
- Shifted, South America: 1910-1930
- South East Asia: 1880-1896

UART

- 8N1
- kbps: 9.6/19.2/38.4/57.6/115.2/230.4