

# Bluetooth® Module WML-C40 Class 1

Telecommunication component

## OUTLINE

This is a wireless communications module that conforms to Bluetooth® Ver.2.0+EDR.

Applications include laptops, PC peripheral devices, PDA, access points, etc.

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## FEATURES

1. Reducing the size and thickness greatly due to the high-density surface mounting technology.
2. Long-distance communication due to its high sensitivity.
3. UART, PCM and USB interfaces allow realization of a wide variety of applications.
4. 8Mbits of Flash-ROM allow realization of a wide variety of applications.
5. Conforms to FCC, CE and the EMI standard of each country.
6. Conforming to Bluetooth® Class1.
7. Operating temperature range : - 40~+70°C.

## SPECIFICATIONS

Item	Specifications
Frequency	2402 ~ 2480MHz
Modulation	FHSS/GFSK, $\pi/4$ DPSK, 8 DPSK
Channel intervals	1MHz
Number of channels	79CH
Power supply voltage	3.3V (3.2V~3.4V)
Current consumption	90mA typ.
Transmission rate	2178kbps max.
Receive sensitivity	-82dBm typ.
Output level(Class1)	20dBm max.
Dimensions	13.2(W)×18.8(L)×2.05(H)mm

