

# Wireless Module Technology

**TAIYO YUDEN**



Module Part Number	EYSFDCAVX	EYSFDCAXX-XT	EYSMACAXX
Bluetooth Version	Bluetooth 2.1+EDR		
RF Tx Power Level	Class 2 (Operates to ~10m)		
Software Stack	HCI	Serial Port Profile (SPP)	HCI
Interface	UART, PCM		
Module Dimensions	31 x 15 x 3 mm		9.2 x 8.1 x 1.6 mm
Physical Interface	20 Pin Connector		SMD Type
Baud Rate★	115.2Kbps		
Includes Crystal	Yes		
Onboard Antenna	Yes		No
Module Type Approvals (FCC, IC, CE, TELEC)	Yes		No
RoHS	Yes		
Eval Board Part Number	EBSFDCAVX	EBSFDCAXX-XT	EBSMACAXX
Other Features	On board antenna with type approvals		Low cost EEPROM

★ Other baud rates available. Please inquire with Taiyo Yuden salesperson.



Module Part Number	WYSBMVGX8	WYSBCVGXA	WYSBMVGX4	WYSBMVGXB
WiFi: Marvell 88W8787	802.11b/g/n		802.11a/b/g/n	
Interface	SDIO, UART, PCIM, I2S	SDIO, UART, PCIM	SDIO	SDIO, UART, PCIM
Bluetooth	Yes		No	Yes
FM Radio	Yes	No		
Crystal	No	Yes	No	
RF Eval Daughter Board	WBSBMVGX8	WBSBCVGXA	WBSBMVGX4	WBSBMVGXB
Dimensions	8.5 x 8.0 x 1.3 mm	9.0 x 8.8 x 1.35 mm	13.1 x 6.1 x 1.35 mm	
Wireless Interface Board	WKSXXVXXX-1 (required to run RF daughter board)			

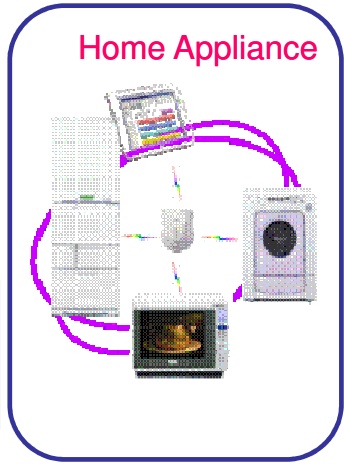
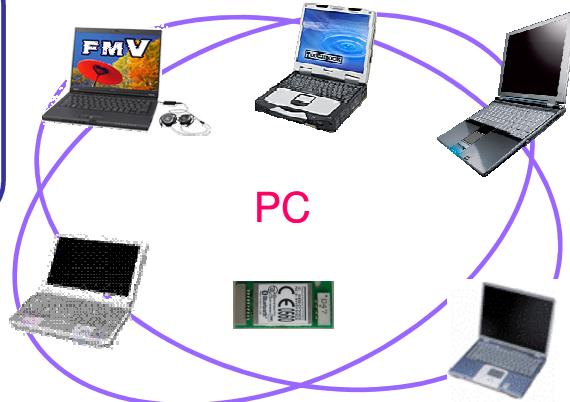


Module Part Number	Dimensions	On Board Components	Antenna	Features
GYSFFMAXX (Eval Board GKSFFMAXX)	10.8x10.0x2.0 mm	TCXO, RTC, SAW filter	External	L1 Band (1574.25MHz), NMEA data output, High sensitivity, Low power, A-GPS, UART/USB interface

# Product Application



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