

## Key Features

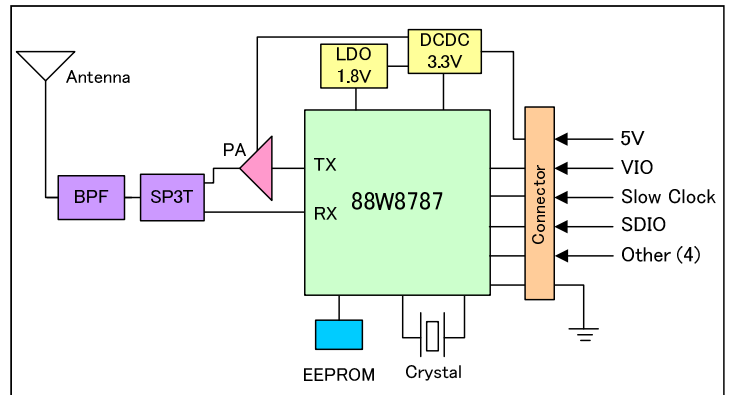
### 802.11b/g/n with Antenna

- ◆ IEEE802.11b/g/n standard conformity
- ◆ Low standby current (with advanced power save and sleep mode)
- ◆ Transmit speed : 11/5.5/2/1 Mbps(11b), 54/48/36/24/18/12/9/6 Mbps(11g), 150~6.5 Mbps (11n)
- ◆ Channel Number : 1 to 13ch (11bg)
- ◆ Interface : SDIO
- ◆ Built-in Antenna, EEPROM, X'tal, 2G-PA, BPF
- ◆ Security : WEP (64/128), TKIP, AES, WPA/WPA2, WAPI
- ◆ Small Outline : 35.0 x 15.0 x 2.9 (Max) mm, Metal case package
- ◆ FCC, CE Type Approvals
- ◆ Utilizes 88W8787 IC
- ◆ RoHS Conformity

## Application

- ◆ Handy Terminal, Audio-visual equipment, PC peripheral, Digital home electrical appliance, Portable multimedia device, Embedded application

## Block Diagram

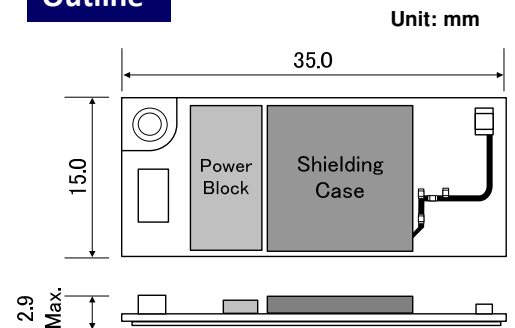


## General Electrical Specification

Parameter	Description	Min.	Typ.	Max.	Units
Operation Voltage	VBAT	3.4	5.0	5.5	V
	VIO	1.62/ 2.97	1.8/ 3.3	1.98/ 3.63	V
TX Output Power (11b/ g/ n)	11b/ 11g/ 11n-HT20	13/ 10/ 9	15/ 12/ 11	17/ 14/ 13	dBm
RX Sensitivity (11b/ g/ n)	11b/ 11g/ 11n-HT20		-86/-72/-69	-76/-65/-64	dBm
TX Power Consumption	Burst TX (150Mbps)		439		mW
RX Power Consumption	Continuous RX (150Mbps)		552		mW
Power Consumption	Sleep Mode		3		mW
General Operation Temperature Range (Shielding case surface temperature)		-20	25	80	deg-C

Note: The above PRELIMINARY data are not guaranteed, and are subject to change without notice.

## Outline



**To Evaluate WLAN Module WYSAAVDX7,  
You Will Need WBSAAVDX7**

**WBSAAVDX7** is the evaluation kit for WLAN Module **WYSAAVDX7**. This kit has everything you need to evaluate the performance of this module.

**WBSAAVDX7 Kit includes:**

No.	Item	Description	Qty
1	WBSAAVDX7	Evaluation Board for WLAN module WYSAAVDX7 with SDIO interface	1
2	Standoff	Standoff	4
3	Nut	Nut	4
4	Red & Blue Cable	Power Supply Cable	1
5	CD	Evaluation Software	1

