









High-Flying Embedded Wi-Fi Module Product Y2014

	High Performance Series		Low Power Series				Tiny Series		Combo Series
	HF-A11	HF-A11-SMT	HF-LPA200	HF-LPB100	HF-LPB100U	HF-LPB200	HF-LPT100	HF-LPT200	HF-LPC100
Product Picture									
Production	2011/Q3	2011/Q3	2014/Q1	2013/Q1	2014/Q1 (New)	2013/Q2	2013/Q3	2013/Q4	2014/Q2 (New)
Wi-Fi Standard	802.11bgn	802.11bgn	802.11bgn	802.11bgn	802.11bgn	802.11bgn	802.11bgn	802.11bgn	802.11bg
BT Standard									BT 2.1
Certification	CE/FCC/Telec	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC	CE/FCC/Telec	CE/FCC
Temp. Range	-40~+85	-40~+85	-40~+85	-40~+85	-40~+85	-20~+70	-40~+85	-40~+85	-40~+85
Internal Antenna	√	√	√	√	√	√		√	√
I-PEX Connector	√	√	√	√	√	√	√	RF Pad	√
Size (mm)	25x40	25x40	20x25	23x36.8x2.7	23x36.8x2.7	23x36.8x2.7	22x13.5x6	22x13.5x2.2	23x36.8x2.7
Package Type	DIP2x7	SMT26	SMT24	SMT48	SMT48	SMT48	DIP10	SMT17	SMT48
Work Voltage	3.3V	3.3V	2.8~3.6V	2.8~3.6V	2.8~3.6V	2.8~3.6V	2.8~3.6V	2.8~3.6V	2.8~3.6V
Current @No data	~180mA	~180mA	~2mA	~12mA	~18mA	~22mA	~12mA	~12mA	~18mA
Current @Tx Peak	~400mA	~400mA	~150mA	~200mA	~200mA	~240mA	~200mA	~200mA	~200mA
Resource-Flash	>1MB	>1MB	2MB	2MB	2MB	2MB	2MB	1MB	2MB
Resource-RAM	>1MB	>1MB	TBD	128KB	128KB	512KB	128KB	128KB	128KB
Interface-UART	√	√	√	√ (2)	√ (2)	√ (2)	√	√	√
Interface-SPI			√	√		√	√	√	
Interface-USB					√ (1.1 OTG)	√ (2.0 OTG)			√ (1.1 OTG)
Interface-Ethernet	√	√							
Interface-GPIO	√	√	√	√	√	√	√	√	√
Interface-A/D				√ (6)		√ (2)		√ (2)	
Voice Mic/Speaker					√				√
AP Mode	√	√	√	√	√	√	√	√	
STA Mode	√	√	√	√	√	√	√	√	√
AP+STA Mode	√	√		√	√	√	√	√	
Wi-Fi Direct						√			
WPS Function			√	√	√	√	√	√	√
Web Server	√	√		√	√	√	√		
OTA Upgrade	√	√	√	√	√	√	√	√	√
Smart Configure				√	√	√	√	√	√
Voice Configure					√				√
SDK Support				√	√	√	√	√	√