

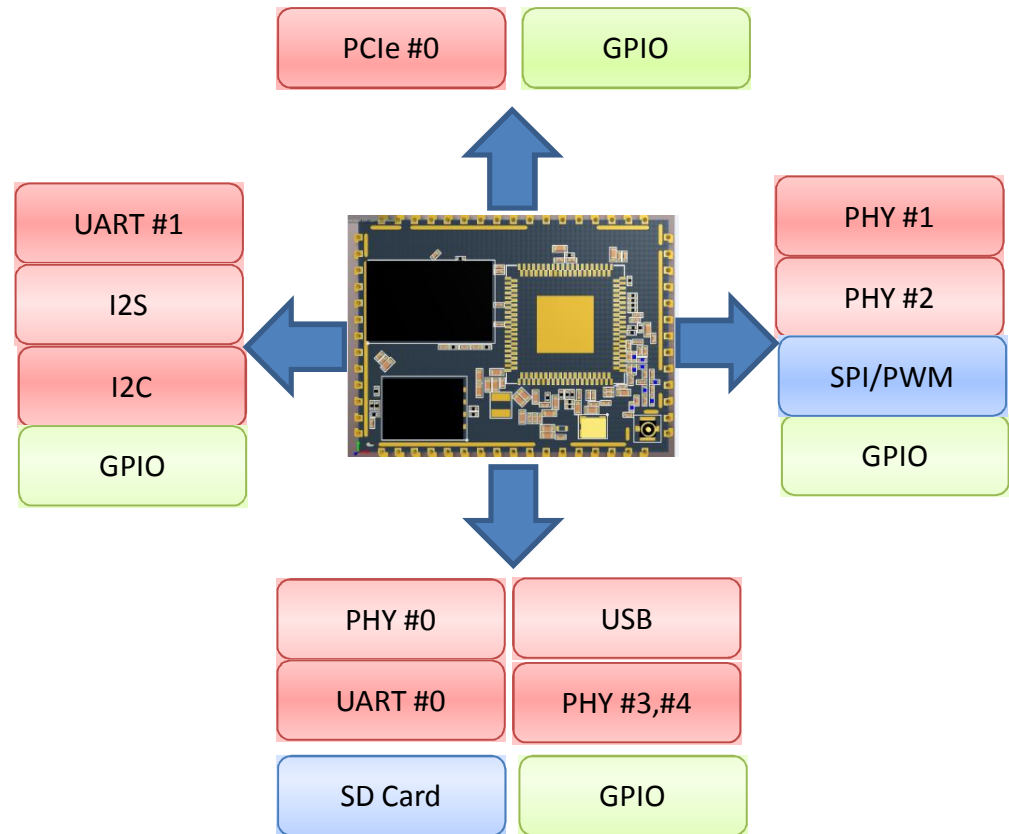
AcSiP IoT Product- AI7688H



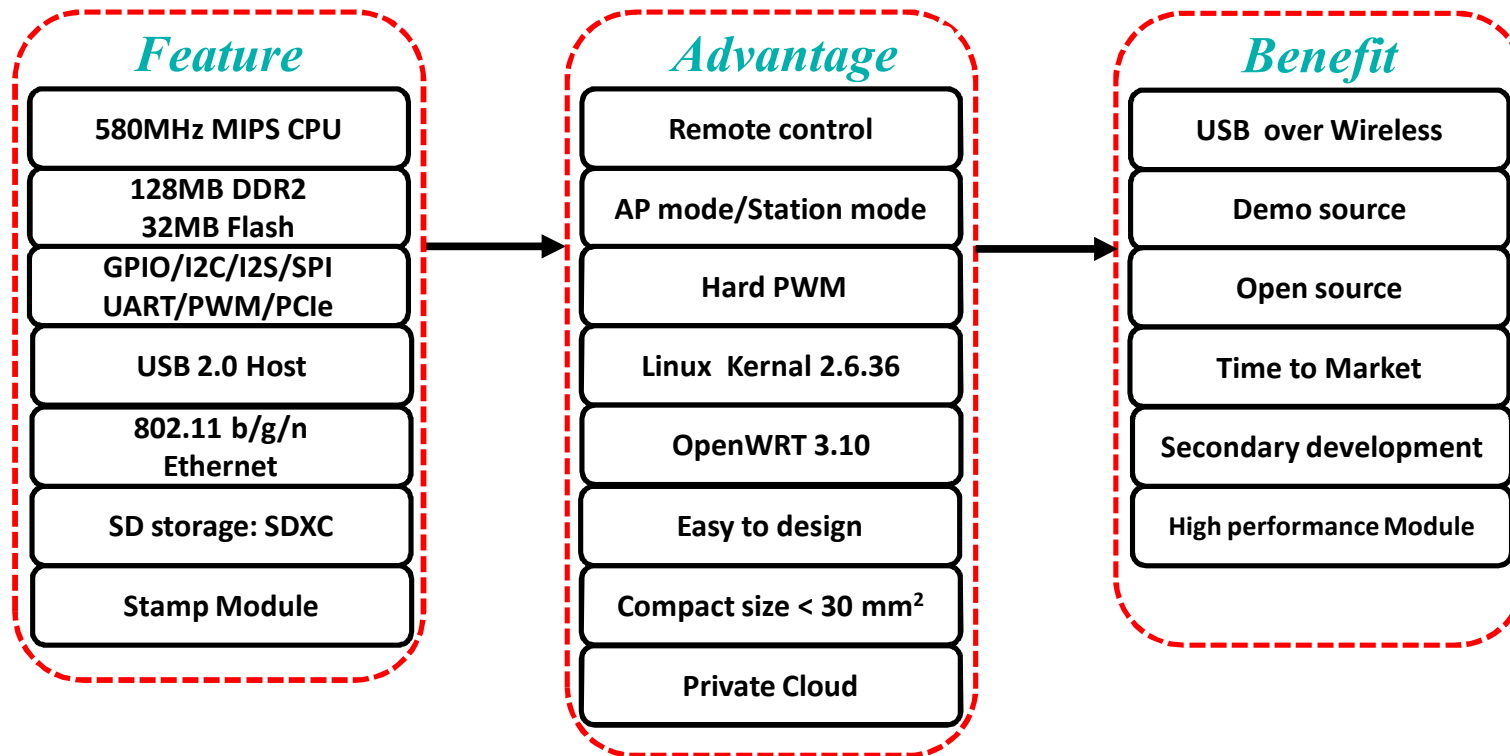
An IoT solution Company

AI7688H's Key features

Category	AI7688H Spec.
MPU	580MHz MIPSCPU
RAM	128MB DDR2
Flash	32 MB
Interface	GPIO/I2C/I2S/SPI/UART/PWM/PCIe
USB Host	1
Communication	802.11b/g/n(2.4G)
	1 port 10/100 FE PHY
User Storage	Micro SD SDXC(Class 10)

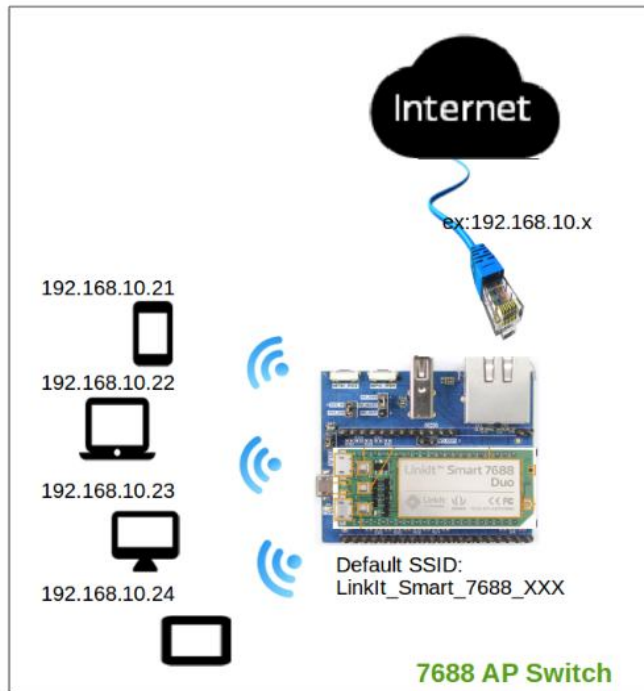


What is FAB of AI7688H?



What does AI7688H do?

Convert wired signal to wireless signal

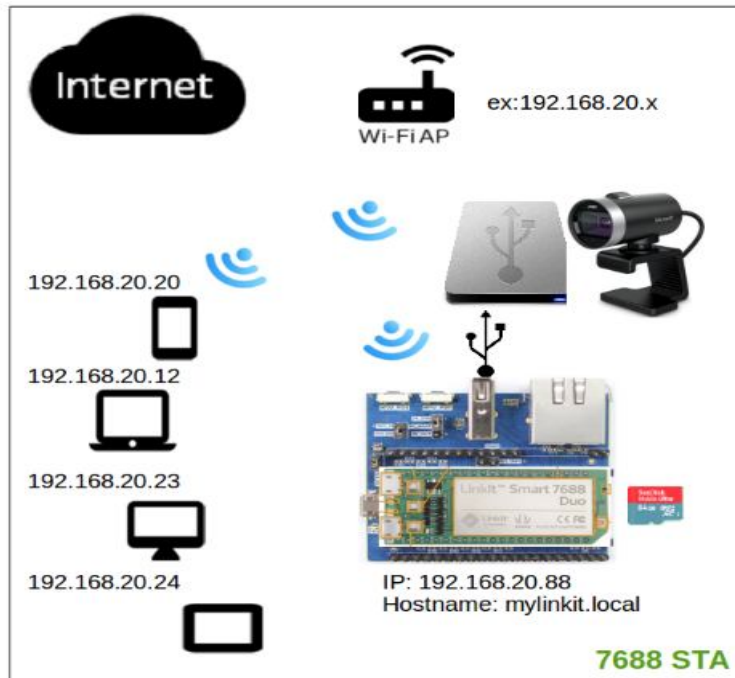


Web cam

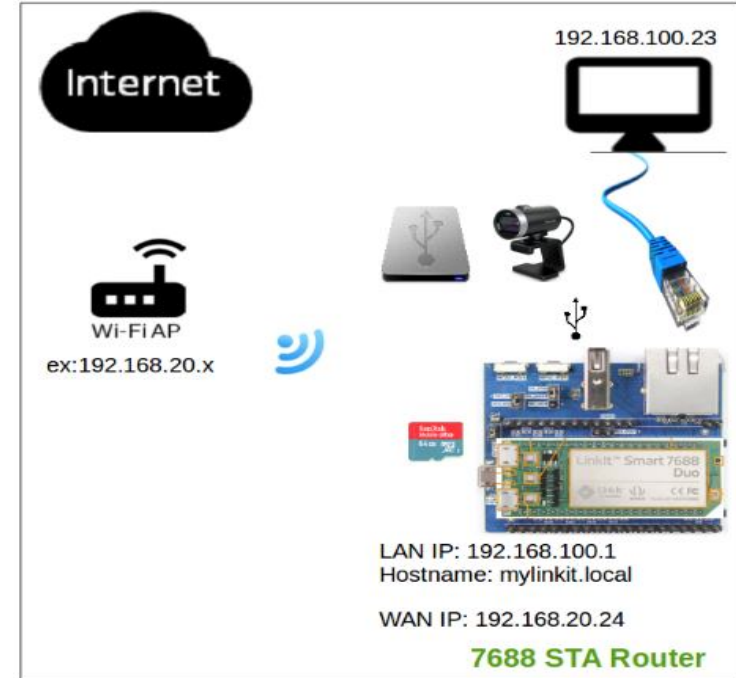


What does AI7688H do?

Hard AP Router



Private Cloud



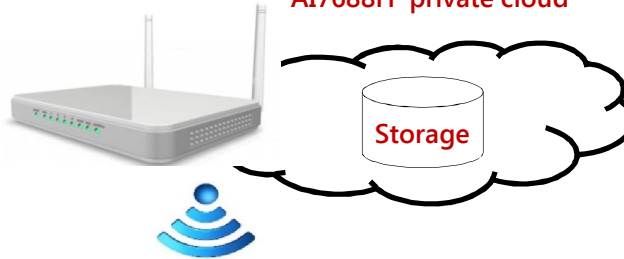
智慧家電應用想定

Remote Control



AI7688H

AI7688H private cloud



USB 3G/4G



Cloud



Sensor

						
						
燈座控制器	安全監控器	門窗監控器	溫溼度感測器	煙霧偵測器	瓦斯偵測器	物品監控器

AI7688H 's Specification

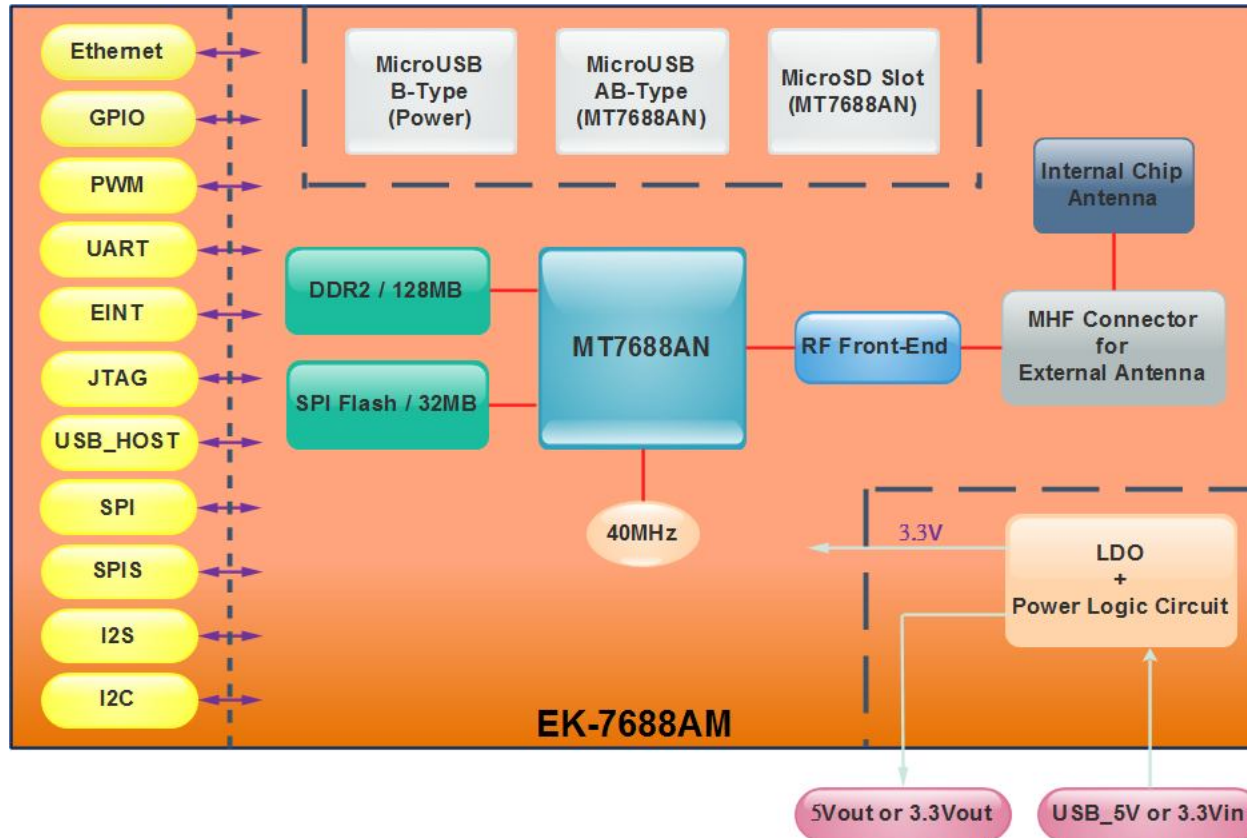
Category	Feature	AI7688H Spec.
MPU	Chipset	MT7688AN
	Core	MIPS24KEc
	Clock speed	580MHz
	Working voltage	3.3V
PCB Size	Dimensions	30X30 mm
Memory	RAM/Flash	128 MB DDR2/32 MB
USB Host	Pin count	1
Interface		GPIO/PWM/SPI/I2S/I2C/UART
Communication	Wi-Fi	802.11b/g/n(2.4G)
	Ethernet	10/100 FE PHY
User Storage	SD Card	Micro SD SDXC

EK-7688AM's Key features

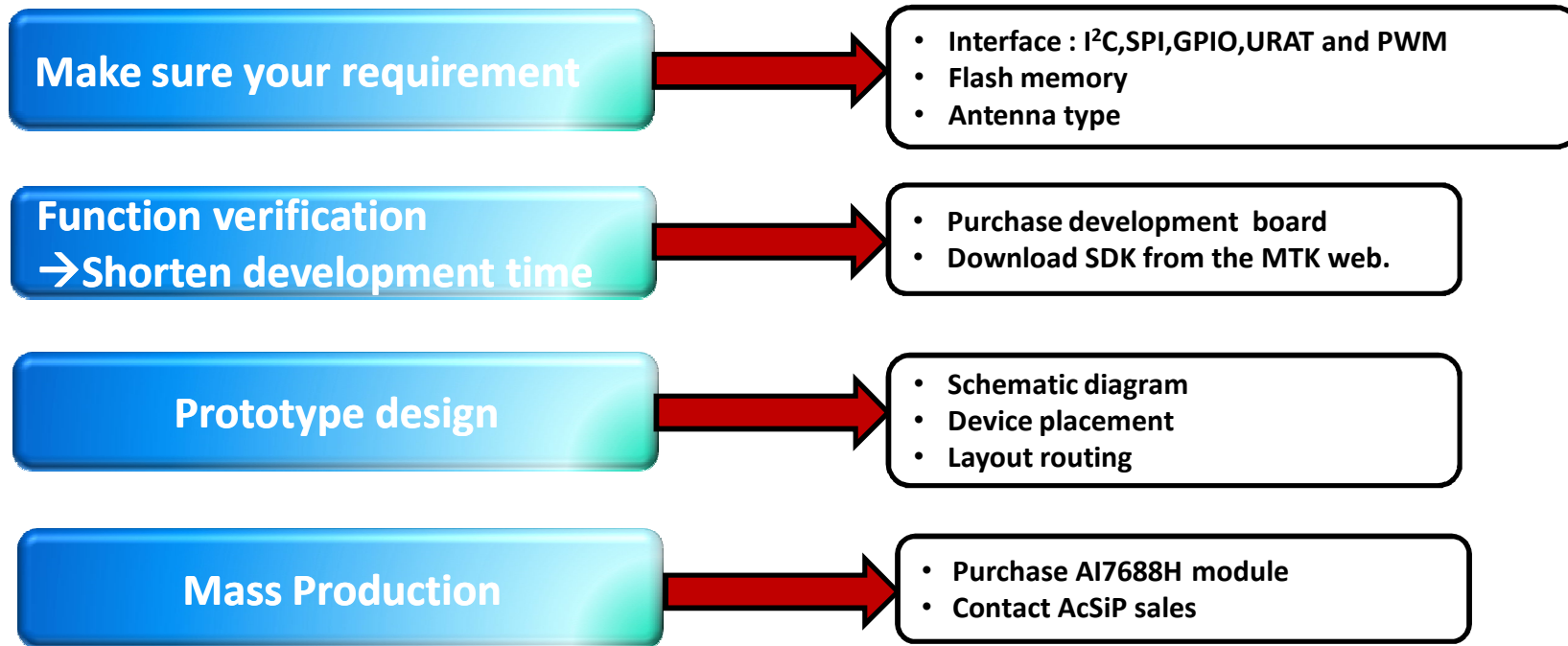
Category	EK-7688AM Spec.
MPU	580MHz MIPSCPU
RAM	128MB DDR2
Flash	32 MB
Interface	GPIO/I2C/I2S/SPI/UART/PWM
USB Host	1
Communication	802.11b/g/n(2.4G)
	1-port 10/100 FE PHY
User Storage	Micro SD SDXC



Block Diagram of EK-7688AM

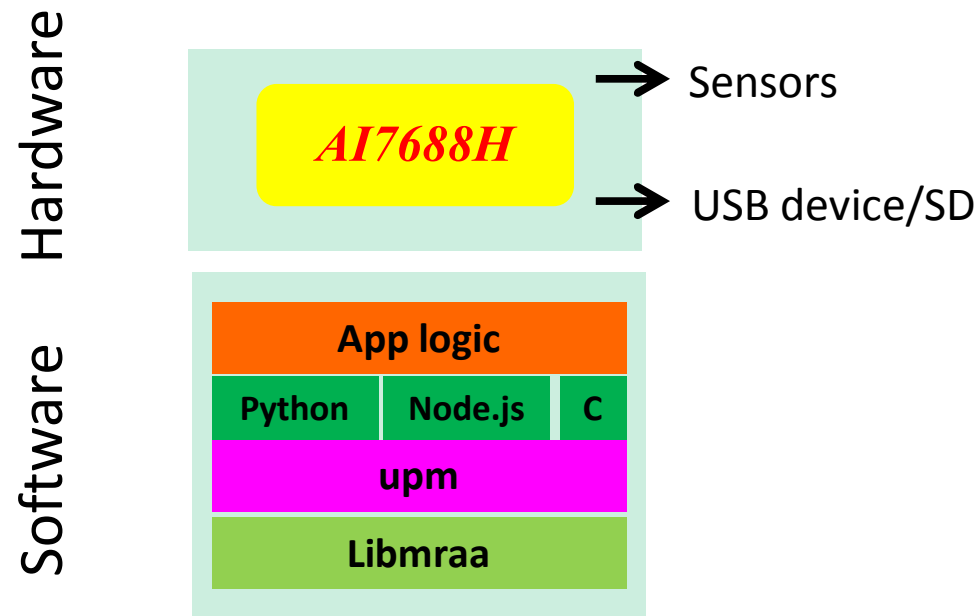


How to develop with EK-7688AM?





Software Stacks for accessing sensors



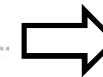
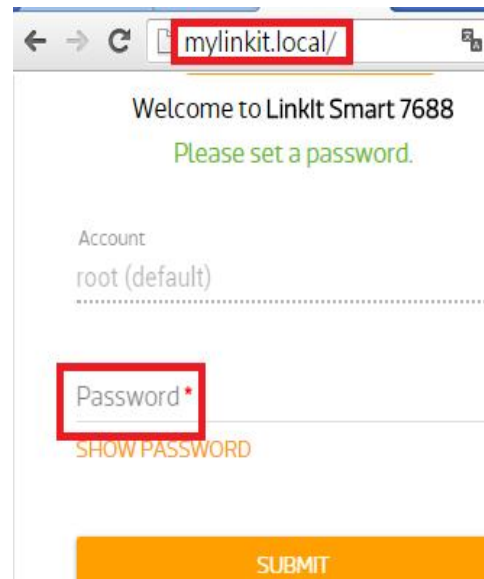
Programming languages for Development

C/C++ , Python, Node.js Support

Wi-Fi connection



/ Web UI



System information

Platform information

Device name
mylinkit

Current IP address
192.168.100.1

Account information

Account
root(default)

Contact us

Get the module from AcSiP

<http://www.acsip.com.tw/>

Get the development Board from AcSiP

Contact window : sales@acsip.com.tw



Get SDK/HDK from AcSiP FTP

<ftp://7688@ftp.acsip.com.tw:2121>
Password: 87Nu5FnQ



AI7688H Datasheet.pdf



AI7688H StartProgram.pdf



AI7688H Pinout.pdf



AI7688H Startup.pdf