

AcSiP IoT-WiFi series

AcSiP

An IoT Solution Company

Product Sales Kit



Transform connectivity, Transcend Smart IoT

www.acsip.com.tw

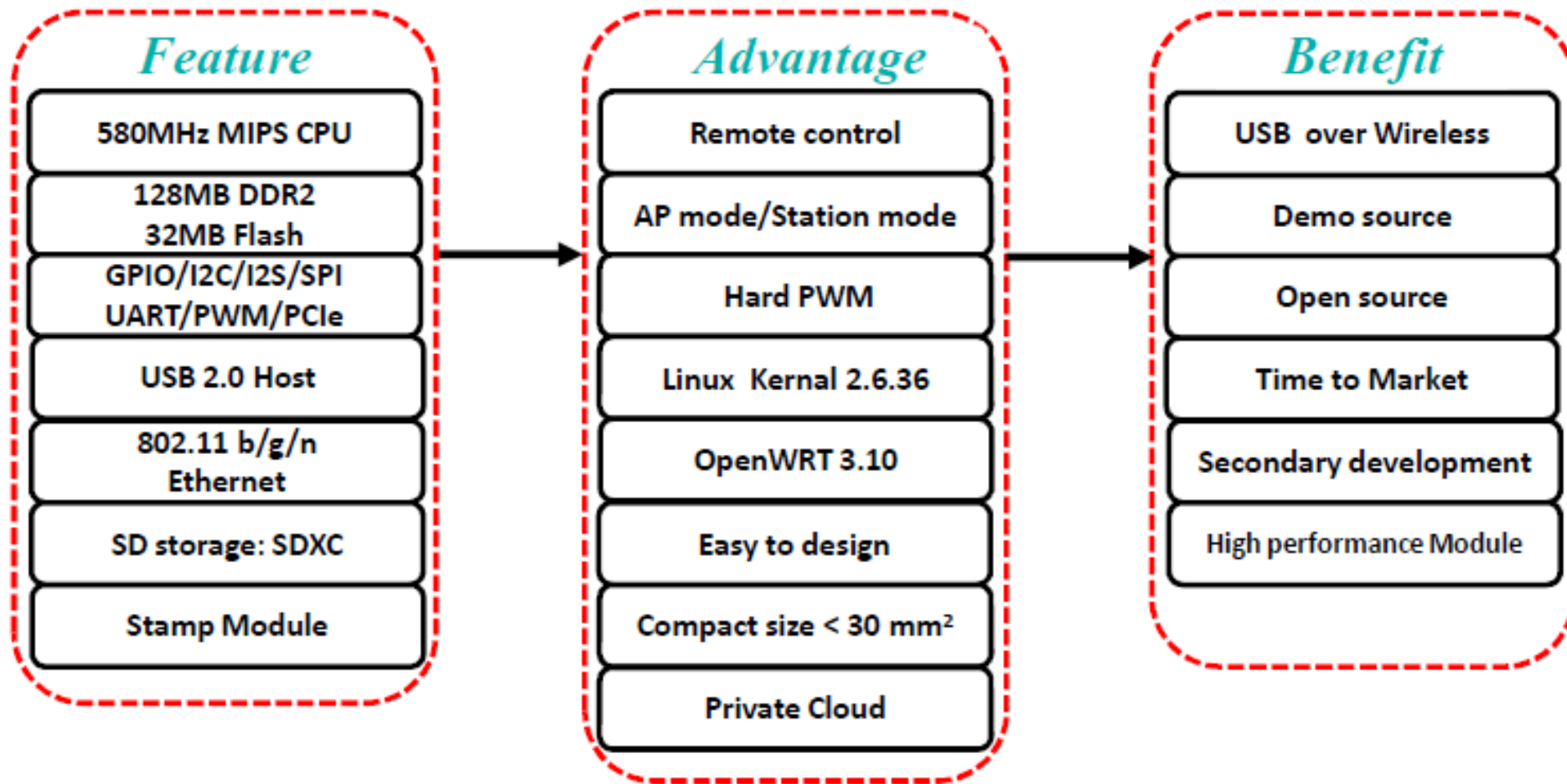
IoT-WiFi products comparison matrix / Key features

	AI7688H	AI7687H	AI7697H	AI7697HD
MPU	580MHz MIPSCPU	ARM Cortex-M4F/192M	ARM Cortex-M4F/192M	ARM Cortex-M4F/192M
RAM	128MB DDR2	352KB	352KB	352KB
Flash	32 MB	2MB	4MB	4MB
Interface	GPIO / USB / I2C / I2S / SPI / UART / PWM / PCIe	IrDA / UART / I2C / I2S / SPI / ADC / GPIO	IrDA / UART / I2C / I2S / SPI / ADC / GPIO	IrDA / UART / I2C / I2S / SPI / ADC / GPIO
USB	Host 1	-	-	-
Communication (Wireless)	1X1, 2.4G 802.11 b/g/n	1X1, 2.4G 802.11 b/g/n	1X1, 2.4G 802.11 b/g/n BLE	1X1, 2.4G / 5G 802.11 a/b/g/n BLE
Communication (External interface)	1 port 10/100 FE PHY	-	-	-
User Storage	Micro SD SDXC (Class 10)	-	-	-

Technical Specifications

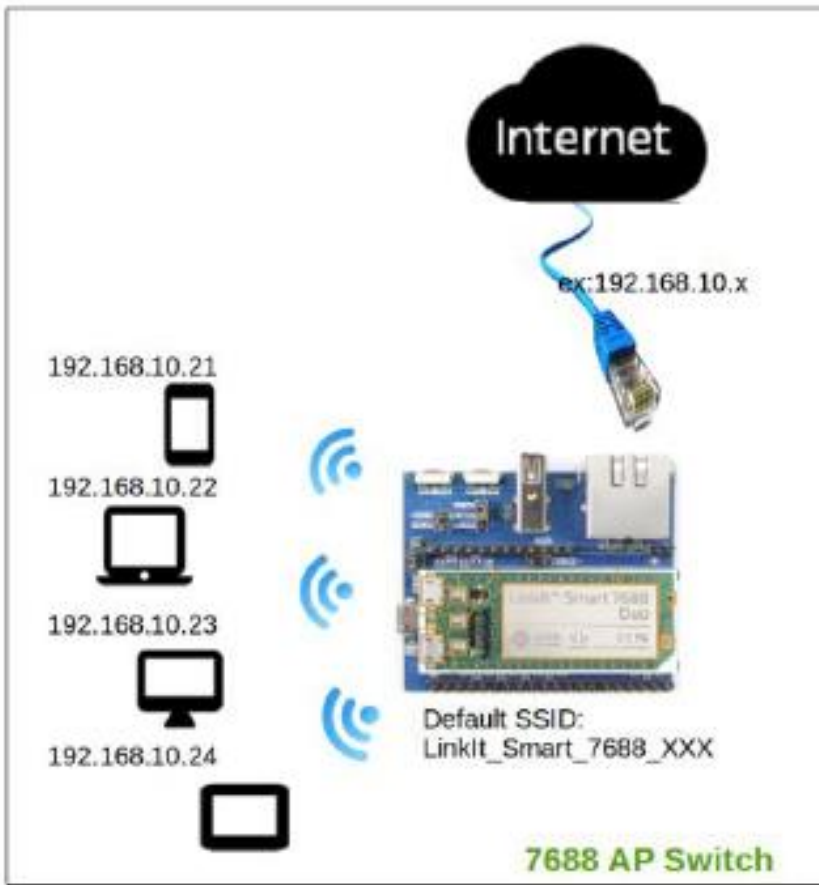
Model name	AI7688H	AI7687H	AI7697H	AI7697HD
	2.4GHz. Wi-Fi b/g/n + 580 MHz MIPS CPU module USB Host	2.4GHz. Wi-Fi 802.11 b/g/n, AES and 3DES/SHA2 security engines, UART/GPIO Host	2.4GHz. Wi-Fi 802.11 b/g/n, IoT SiP module	2.4GHz. / 5G Wi-Fi 802.11 a/b/g/n, IoT SiP module
MCU Type	MIPS32® 24KEc™ (575/580 MHz.)	ARM Cortex®-M4F (32 bit RISC)	ARM Cortex®-M4F (32 bit RISC)	ARM Cortex®-M4F (32 bit RISC)
Chipset	MT7688AN (580MHz)	MT7687	MT7697N	MT7697DN
Inbuilt Memory / Storage	128MB DDR2 32MB Flash	Embedded 352KB SRAM; 64KB boot ROM; 2MB Flash	Embedded 352KB SRAM; 64KB boot ROM; 4MB Flash	Embedded 352KB SRAM; 64KB boot ROM; 4MB Flash
Interfaces available	I2C, GPIO (22), UART (3), USB (Host), PWM (4), I2S, SPI, JTAG, ADC	I2C (2), GPIO (28), UART (2), PWM (28), I2S, SPI, ADC (4-ch, 12-bit)	I2C (2), GPIO (28), UART (2), PWM (28), I2S, SPI, ADC (4-ch, 12-bit), IrDA, BLE	I2C (2), GPIO (28), UART (2), PWM (28), I2S, SPI, ADC (4-ch, 12-bit), IrDA, BLE
Dimensions (L x W x H)	24 x 32 x 2.5mm	18 x 18 x 1.7mm	18 x 18 x 1.6mm	18 x 18 x 1.6mm

Value proposition (Features, Advantages, Benefits), e.g., AI7688H



Applications spotlight (e.g., AI7688H)

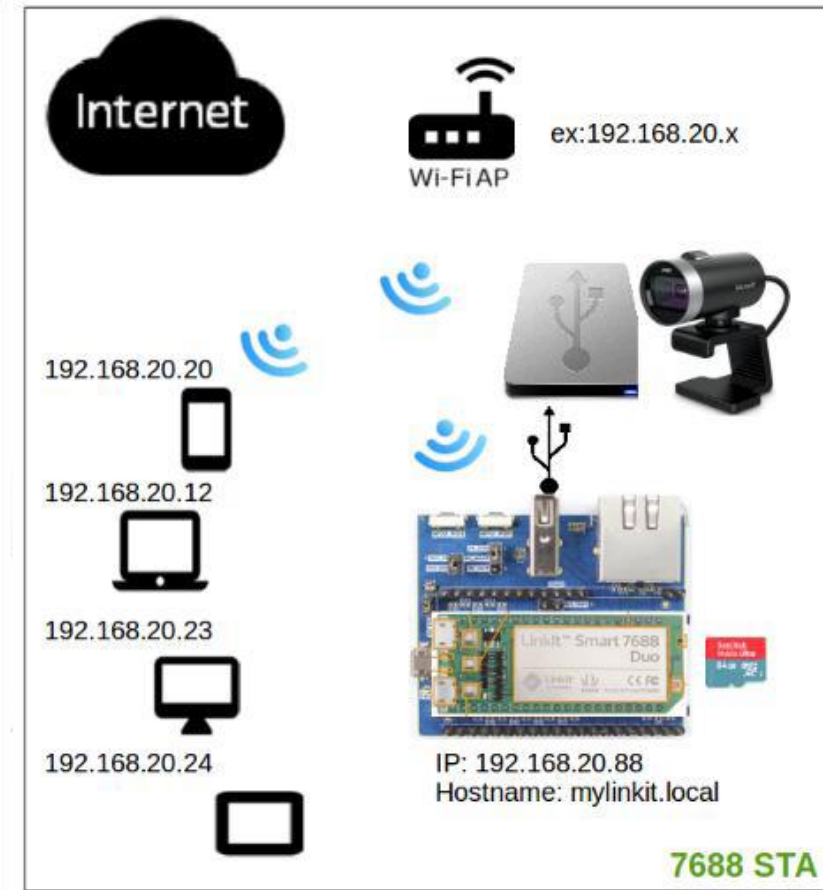
Convert wired to wireless signal



Web Cam



Hard AP Router

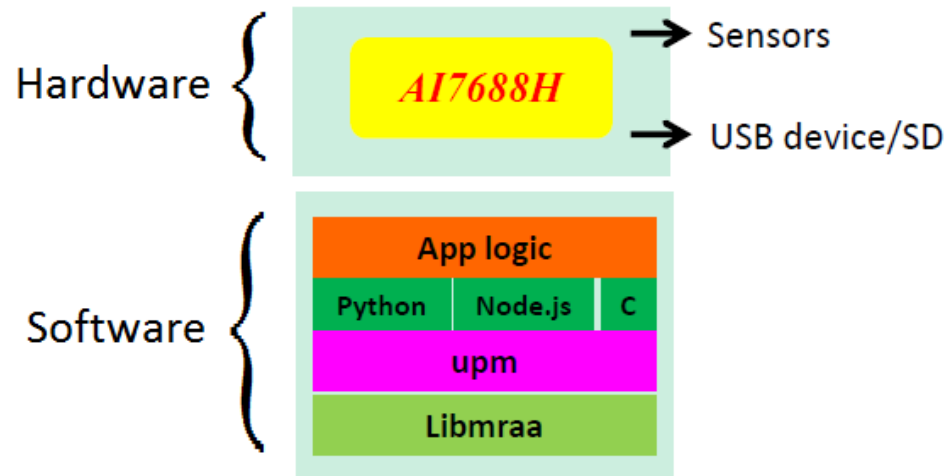


Applications spotlight

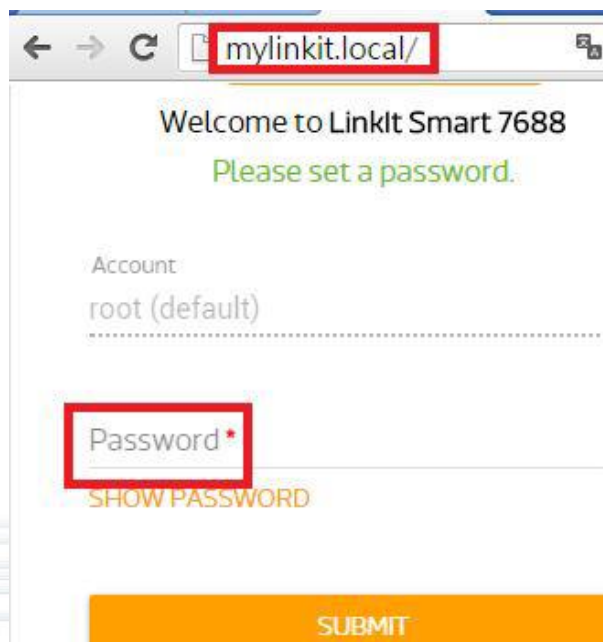


Programming tools/techniques for Application development

Software stacks for accessing sensors



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



System information

Platform information

Device name
mylinkit

Current IP address
192.168.100.1

Account information

Account
root(default)

Web UI

Wi-Fi connection



Customer support

AcSiP computerized platform for issues / Bug Tracking & resolution - BUGZILLA

This bug tracking system can help us to monitor and control issues. AcSiP and Partner can provide solutions and services for our customers in this system and share each other information rapidly.

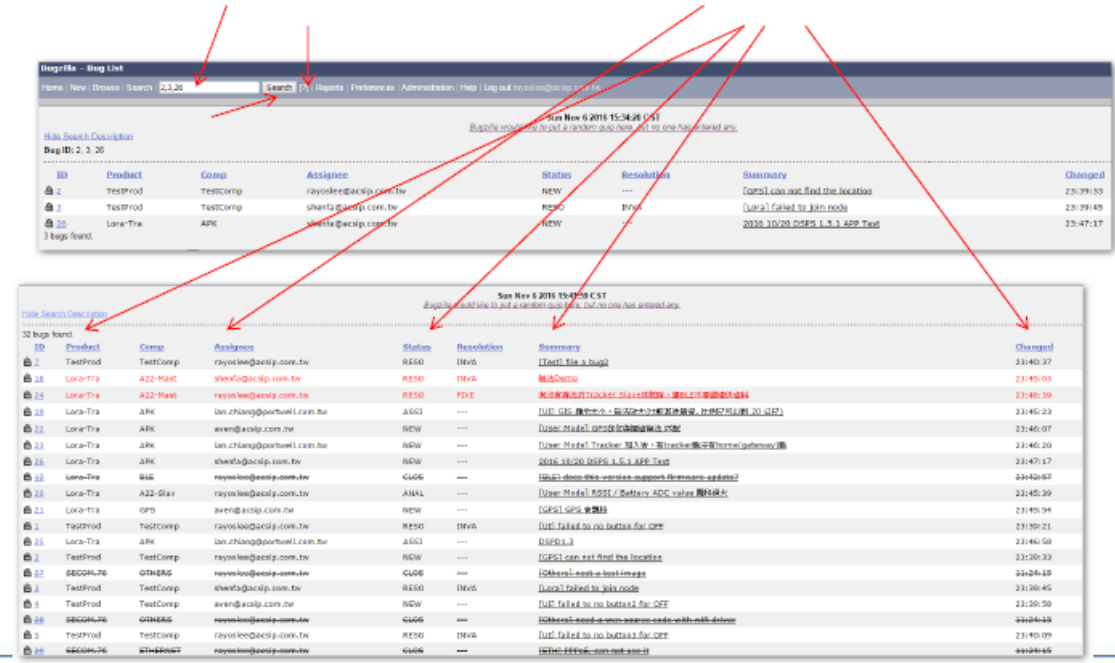
Simple to use and maintain (all real-time)

Log-in → Submit a Bug → Choose the product → Component & SW version → Cc recipients → Issue brief summary → Bug ID generated → Continuous Tracking → Action items with target dates to resolution



Quick search

Search all (default columns)



Technical docs. repository

<ftp://customer@ftp.acsip.com.tw:2121>

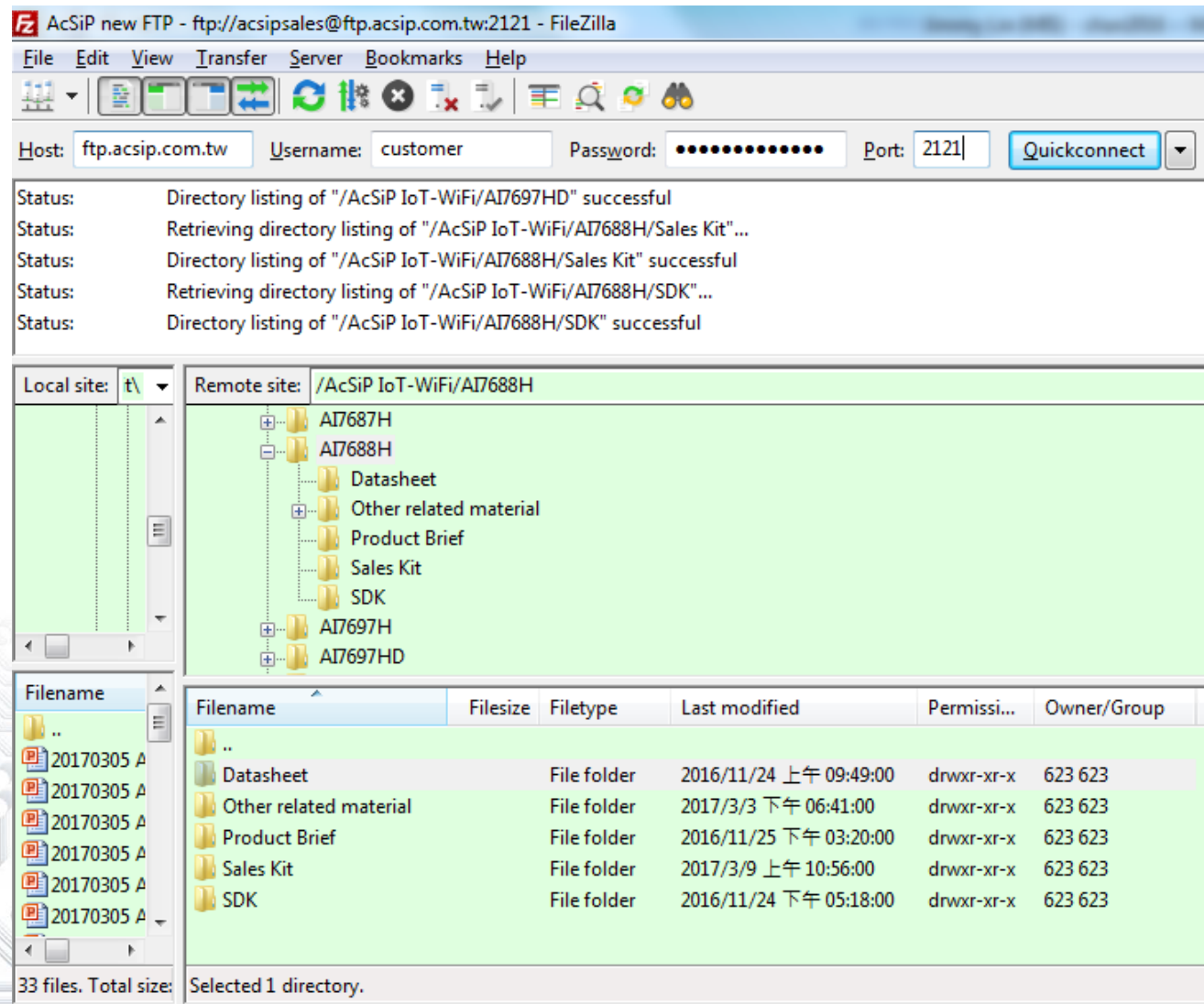
FTP host = <ftp.acsip.com.tw>

Port = 2121

Account = customer

Password = acsipcustomer

Note: Please use FTP client tool to access it
(ex: FileZilla, CuteFTP, ...)



AcSiP new FTP - ftp://acsipsales@ftp.acsip.com.tw:2121 - FileZilla

Host: ftp.acsip.com.tw Username: customer Password: Port: 2121 Quickconnect

Status: Directory listing of "/AcSiP IoT-WiFi/AI7697HD" successful
 Status: Retrieving directory listing of "/AcSiP IoT-WiFi/AI7688H/Sales Kit" ...
 Status: Directory listing of "/AcSiP IoT-WiFi/AI7688H/Sales Kit" successful
 Status: Retrieving directory listing of "/AcSiP IoT-WiFi/AI7688H/SDK" ...
 Status: Directory listing of "/AcSiP IoT-WiFi/AI7688H/SDK" successful

Local site: t:\ Remote site: /AcSiP IoT-WiFi/AI7688H

Filename	Filesize	Filetype	Last modified	Permissi...	Owner/Group
..					
Datasheet		File folder	2016/11/24 上午 09:49:00	drwxr-xr-x	623 623
Other related material		File folder	2017/3/3 下午 06:41:00	drwxr-xr-x	623 623
Product Brief		File folder	2016/11/25 下午 03:20:00	drwxr-xr-x	623 623
Sales Kit		File folder	2017/3/9 上午 10:56:00	drwxr-xr-x	623 623
SDK		File folder	2016/11/24 下午 05:18:00	drwxr-xr-x	623 623

33 files. Total size: Selected 1 directory.



For more information on IoT applications,
please do get in touch with us

CONTACT DETAILS

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