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**DA16x00 Group**

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**Introduction**

This document compiles useful information for each stage of device selection, development, and mass production. Use this information, materials, and application notes as a handbook when developing.

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## 1. Device Selection

This chapter summarizes the information that is useful for the preliminary survey phase and for the evaluation phase of device performance and features when selecting the device.

### 1.1 Survey phase

Num	Item	Content	Product	Link
1	Survey Product	Wi-Fi MCUs	DA16200/DA16x00MOD	<a href="#">Website</a>
2		Video and Events	DA16200/DA16x00MOD	<a href="#">Website</a>
3		Applications	DA16200/DA16x00MOD	<a href="#">Website</a>
4		Success Stories	DA16200/DA16x00MOD	<a href="#">Website</a>
5		Product Selector	DA16200/DA16x00MOD	<a href="#">Website</a>
6	Product Information	Overview	DA16200	<a href="#">Website</a>
7			DA16200MOD	<a href="#">Website</a>
8			DA16600MOD	<a href="#">Website</a>
9		Datasheet	DA16200	<a href="#">Doc</a>
10			DA16200MOD	<a href="#">Doc</a>
11			DA16600MOD	<a href="#">Doc</a>

### 1.2 Evaluation phase

Num	Item	Content	Product	Link
1	Evaluation Boards and Kits	Development Kit	DA16200	<a href="#">Website</a>
2			DA16200MOD	<a href="#">Website</a>
3			DA16600MOD	<a href="#">Website</a>
4		Getting Started Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
5	Certificate	Wi-Fi Alliance Certification	DA16200	<a href="#">Doc</a>
6			DA16200MOD	<a href="#">ZIP</a>
7			DA16600MOD	<a href="#">ZIP</a>
8		RoHS Declaration	DA16200/DA16200MOD	<a href="#">Doc</a>
9			DA16600MOD	<a href="#">Doc</a>
10		REACH Declaration	DA16200/DA16200MOD	<a href="#">Doc</a>
11	DA16600MOD		<a href="#">Doc</a>	

## 2. Design and Development

This chapter summarizes useful information for product design and development.

Num	Item	Content	Product	Link
1	Hardware Design	Hardware Design Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
2		Module Reference Design	DA16200 QFN48	<a href="#">ZIP</a>
3			DA16200 FcCSP72	<a href="#">ZIP</a>
4		Wireless Communication Reference	DA16200MOD	<a href="#">Website</a>
5		Smart Water Solution Reference	DA16600MOD	<a href="#">Website</a>

6		RZ/V2L PerCV.AI Reference Design	DA16600MOD	<a href="#">Website</a>
7	<b>Software Design</b>	FreeRTOS SDK	DA16200/DA16x00MOD	<a href="#">ZIP</a>
8		Linux Driver	DA16200/DA16x00MOD	<a href="#">ZIP</a>
9		Matter SDK	DA16600MOD	<a href="#">ZIP</a>
10		AWS IoT Reference	DA16200/DA16x00MOD	<a href="#">Website</a>
11		Azure IoT Reference	DA16200/DA16x00MOD	<a href="#">Website</a>
12		Cloud IoT Solution on RA6M4	DA16200	<a href="#">ZIP</a>
13		MQTT Client Air Quality on RA6M4	DA16200	<a href="#">ZIP</a>
14		HTTP Client on RA6M4	DA16200	<a href="#">ZIP</a>
15		Wi-Fi AT Command Set	DA16200	<a href="#">Website</a>
16		Provisioning App (iOS)	DA16200/DA16x00MOD	<a href="#">Website</a>
17		Provisioning App (Android)	DA16200/DA16x00MOD	<a href="#">Website</a>
18		Simulation Model	DA16200	<a href="#">ZIP</a>
19	<b>Development Environment</b>	e <sup>2</sup> studio (IDE and Coding Tool)	DA16200/DA16x00MOD	<a href="#">Website</a>
20		Sflash Downloader	DA16200	<a href="#">ZIP</a>
21		AT GUI Tool	DA16200/DA16x00MOD	<a href="#">ZIP</a>
22		Wi-Fi IoT Power Profiler	DA16200/DA16x00MOD	<a href="#">Website</a>
23	<b>User Manual</b>	Host Interface and AT Command User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
24		FreeRTOS SDK Programmer Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
25		DPM User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
26		Provisioning Mobile App	DA16200/DA16x00MOD	<a href="#">Doc</a>
27		AT GUI Tool User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
28		Security Tool User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
29		SFlash Downloader User Manual	DA16200	<a href="#">Doc</a>
30		Matter Getting Started Guide	DA16600MOD	<a href="#">Doc</a>
31		AWS IoT Getting Started Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
32		Linux Driver Getting Started Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
33		Azure IoT Getting Started Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
34		Quick-Connect IoT Wi-Fi Enabled Cloud Solution Kit	DA16200/DA16x00MOD	<a href="#">Doc</a>
35		MQTT Client Button Press Quick Start Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
36		MQTT Client Air Quality Quick Start Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>
37		HTTP Client Quick Start Guide	DA16200/DA16x00MOD	<a href="#">Doc</a>

### 3. Mass Production

This chapter summarizes useful information for mass product.

Num	Item	Content	Product	Link
1	<b>Mass Production</b>	Mass Production User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
2	<b>Multi Downloader</b>	Multi Downloader Tool User Manual	DA16200/DA16x00MOD	<a href="#">Doc</a>
3		Multi Downloader Tool	DA16200/DA16x00MOD	<a href="#">ZIP</a>

### 4. Support Site Information

Get help from our technical staff and community.

Num	Item	Content	Product	Link
1	<b>Support Site</b>	FAQ	DA16200/DA16x00MOD	<a href="#">Website</a>
2		Forums	DA16200/DA16x00MOD	<a href="#">Website</a>
3		Technical Support Site	DA16200/DA16x00MOD	<a href="#">Website</a>

## 5. Revision History

Revision	Date	Description
1.00	Mar 6, 2026	Initial release.

For the most up-to-date information, also refer to the product pages on our website (<https://www.renesas.com/en>).