

# **User Manual**

## **DA16200 Pin Multiplexer**

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DA16200 Pin Multiplexer

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## DA16200 Pin Multiplexer

### Terms and Definitions

GUI	Graphical User Interface
USB	Universal Serial Bus

### References

- [1] UM-B-116, DA16200, Example Application Manual, Dialog Semiconductor

## DA16200 Pin Multiplexer

### 1 Overview

The Pin Mux Helper can generate a DA16200 pin mux configuration code. This tool supports the QFN package and fcCSP package.

GPIO Alt Function is not supported. See DA16200 Example Application Manual [1].

### 2 Function Description

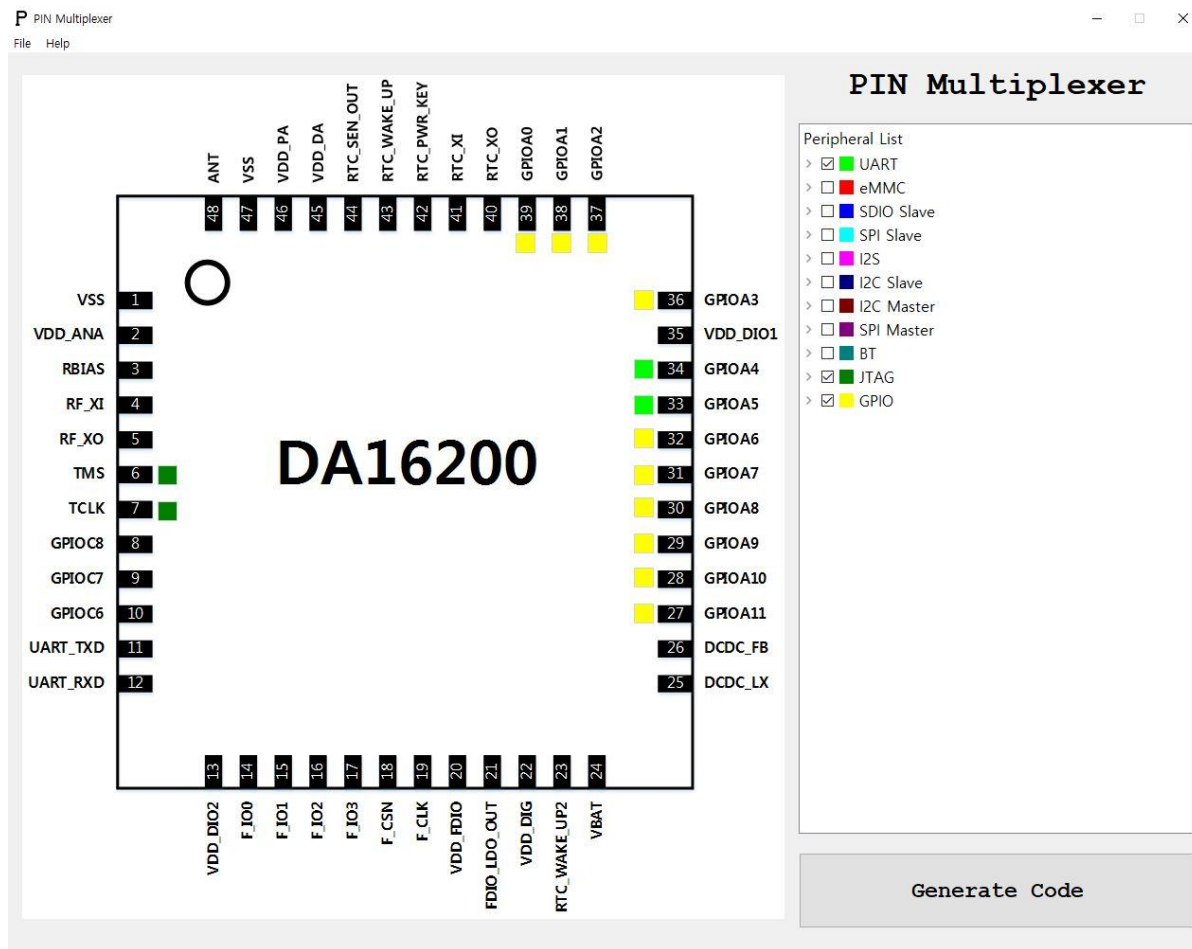


Figure 1 Pin Multiplexer GUI Tool

#### 2.1 File Menu

- **Import:** Import configuration file for the Pin Mux Helper.
- **Export:** Export configuration file for the Pin Mux Helper.
- **Exit:** Close the Pin Mux Helper.

#### 2.2 Help Menu

The Help menu in the software has a description of the Pin Mux Helper.

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## DA16200 Pin Multiplexer

### 2.3 DA16200 Pin Assignment

Displays the selected pin(s).

### 2.4 Peripheral List

You can select the desired function. Pin conflict check supported.

### 2.5 Generate Code Button

If the **Generate Code** button is pressed, then file **pinmux.c** is generated in the top folder and you can find the pinmux config code.

## 3 How to Use

1. Check the functions in **Peripheral List**.
2. Click the **Generate Code** Button. You can find the **pinmux.c** file in the top folder.
3. With the **Export** option in the File menu, the user can export the configuration file for the Pin Mux Helper.

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**DA16200 Pin Multiplexer****Revision History**

Revision	Date	Description
1.2	06-Jan-2020	Release Pin Multiplexer v1.2 Add GPIO Interface at Peripheral List on Figure 1 The DA16200 EVB Pin Configuration is Applied.
1.1	14-Nov-2019	Editorial review Release Pin Multiplexer v1.1 Add JTAG Interface at Peripheral List on Figure 1
1.0	03-Jul-2019	Preliminary DRAFT Release

## DA16200 Pin Multiplexer

### Status Definitions

Status	Definition
DRAFT	The content of this document is under review and subject to formal approval, which may result in modifications or additions.
APPROVED or unmarked	The content of this document has been approved for publication.

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## Contacting Dialog Semiconductor

**United Kingdom (Headquarters)**  
Dialog Semiconductor (UK) LTD  
Phone: +44 1793 757700

**Germany**  
Dialog Semiconductor GmbH  
Phone: +49 7021 805-0

**The Netherlands**  
Dialog Semiconductor B.V.  
Phone: +31 73 640 8822

**Email:**  
[enquiry@diasemi.com](mailto:enquiry@diasemi.com)

**North America**  
Dialog Semiconductor Inc.  
Phone: +1 408 845 8500

**Japan**  
Dialog Semiconductor K. K.  
Phone: +81 3 5769 5100

**Taiwan**  
Dialog Semiconductor Taiwan  
Phone: +886 281 786 222

**Web site:**  
[www.dialog-semiconductor.com](http://www.dialog-semiconductor.com)

**Hong Kong**  
Dialog Semiconductor Hong Kong  
Phone: +852 2607 4271

**Korea**  
Dialog Semiconductor Korea  
Phone: +82 2 3469 8200

**China (Shenzhen)**  
Dialog Semiconductor China  
Phone: +86 755 2981 3669

**China (Shanghai)**  
Dialog Semiconductor China  
Phone: +86 21 5424 9058