User Manual

DA16200 Pin Multiplexer

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Terms and Definitions

GUI	Graphical User Interface
USB	Universal Serial Bus

References

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

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

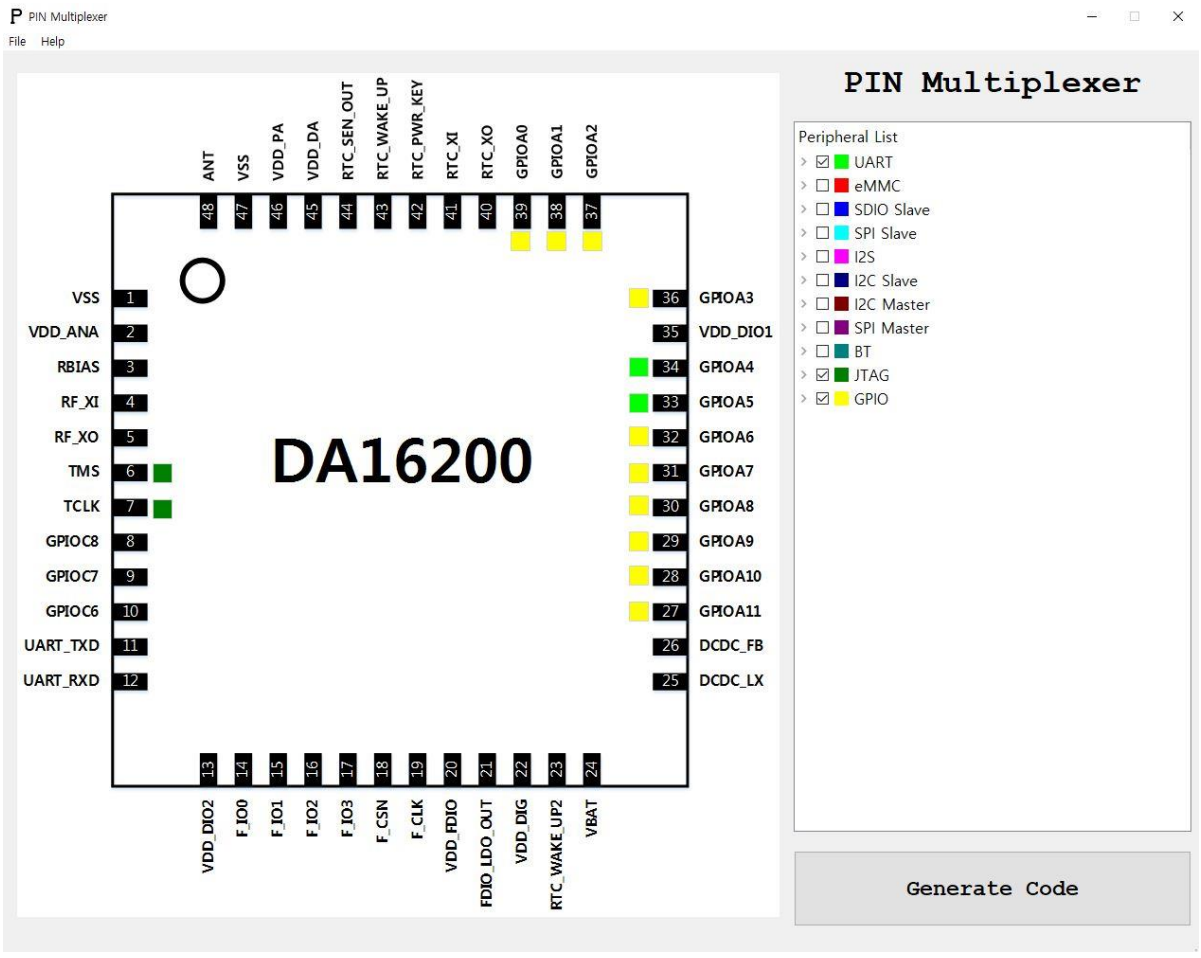

Figure 1 Pin Multiplexer GUI Tool

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.

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.

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

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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