



## Stellaris® Family Daughterboard

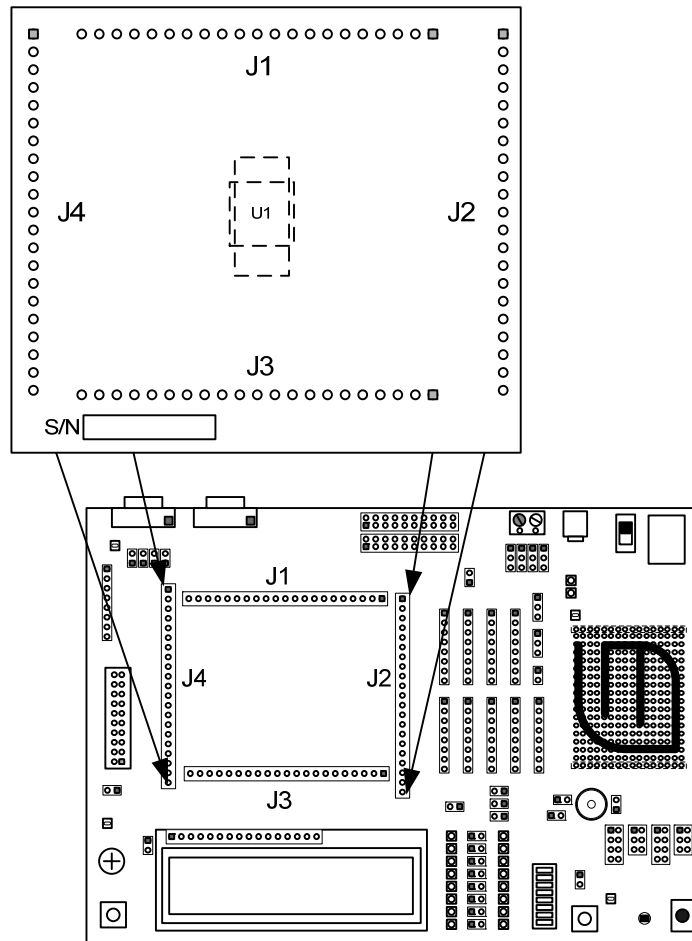
The Luminary Micro Stellaris® Family DB28 and DB48 daughterboards provide engineers with the flexibility to evaluate various Stellaris microcontrollers on their Stellaris Family Development Board.

### Installing the Daughterboards

The Stellaris Family DB28 and DB48 daughterboards need to be installed on a Stellaris Family Development Kit's motherboard for proper operation. The DB28 daughterboard was designed for a 28-pin SOIC Stellaris microcontroller; the DB48 daughterboard for a 48-pin LQFP Stellaris microcontroller.

To install, follow these steps:

1. Turn off the power to the motherboard.
2. Remove the old daughterboard by slowly pulling up on each of the four edges. Be careful not to bend the headers (J1-J4) on the motherboard.
3. Install the new daughterboard by aligning each of the headers and pressing the daughterboard down until it is firmly seated. J1, J2, J3 and J4 of the daughterboard connect to J1, J2, J3, and J4 of the motherboard, respectively (see Figure 1 on page 2).
4. Visually inspect all four connectors to ensure proper connection.
5. Apply power to the board.



**Figure 1. Daughterboard Installation**

## Quickstart Application

The daughterboard comes preprogrammed with a quickstart application. Once you have powered the development board, this application runs automatically. The Luminary Micro name and logo appear on the LCD for a few seconds and then the quickstart application begins to run. If it does not, ensure the daughterboard is firmly seated on the motherboard. See the *Stellaris® Family Development Board User's Manual* and the *Readme First* documents for more information on the board and the quickstart application.

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