

# Quick Start Guide

RL78/G23-128p  
Fast Prototyping Board



## (1) Downloading the user's manual

Download the user's manual from the Web site below and check the full specifications before using the board.  
URL: [https://www.renesas.com/rl78g23-128p\\_fpb](https://www.renesas.com/rl78g23-128p_fpb)

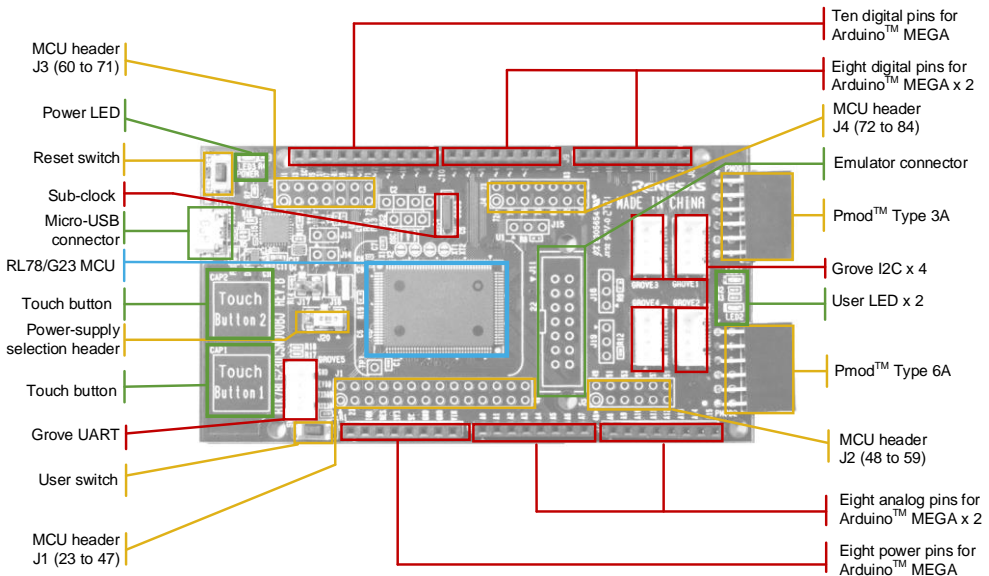
## (2) Package components

RL78/G23-128p Fast Prototyping Board (RTK7RLG230CSN000BJ) and Quick Start Guide (this document)

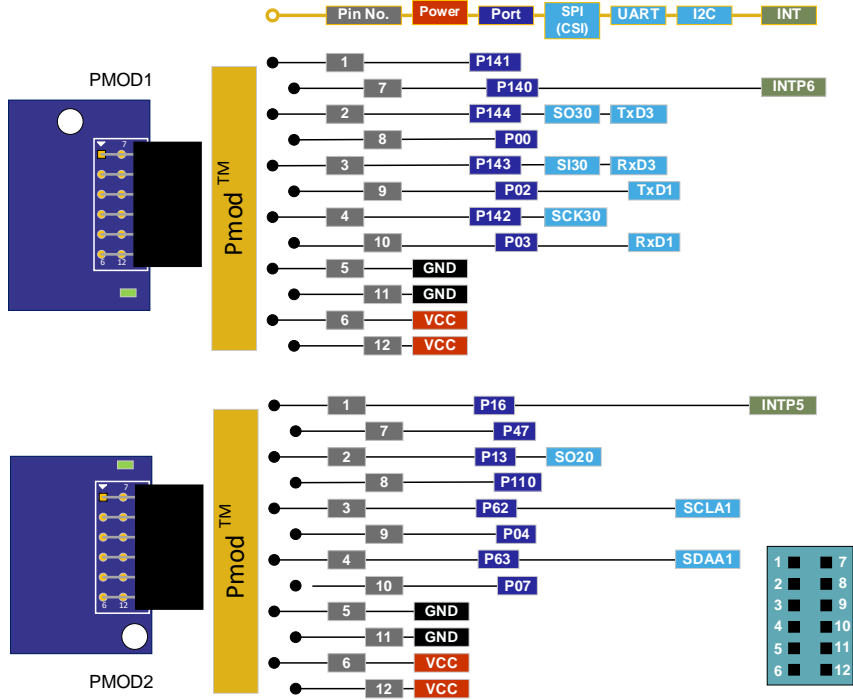
## (3) Table of board specifications

Item	Specification
Evaluation MCU RL78/G23 with 128 pins	Part No.: R7F100GSN2DFB; package: 128-pin LQFP On-chip memory: 768-KB ROM, 48-KB RAM, 8-KB data flash memory
Push switches	Reset switch x 1, user switch x 1
LEDs	Power indicator: green x 1, user: green x 2
Capacitive touch buttons	2
Pmod™ connectors	Connectors: Angle type, 12 pins x 2
Arduino™ connectors	Connectors: 8 pins x 5, 10 pins x 1 The interfaces are partially compatible with Arduino™ Mega; digital pins D22 to D53 on Arduino™ Mega are not supported.
Grove connectors	Interface for Grove modules I2C: x 4; UART: x 1

## (4) Parts layout



## (5) Pmod™ interface



## (6) Arduino™ interface

