

Quick Start Guide

RL78/G24
Fast Prototyping Board

(1) Checking out the video guide

A video is available to help you get started with Fast Prototyping Board for RL78 Family.
The QR code for the video is at right. ➡
You can also check the board's full specifications on the Renesas Web site.
URL: https://www.renesas.com/rl78g24_fpb



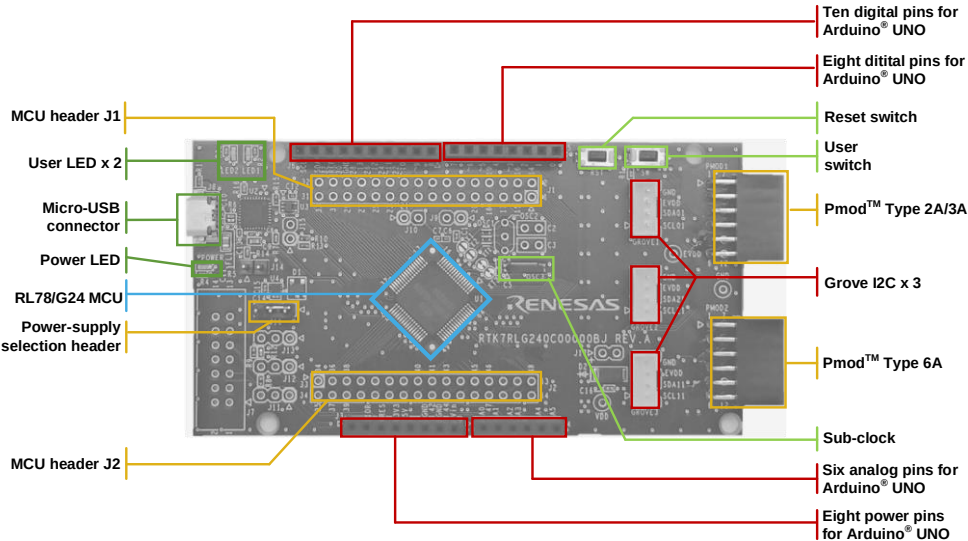
(2) Package components

RL78/G24 Fast Prototyping Board (RTK7RLG240C00000BJ) and Quick Start Guide (this document)

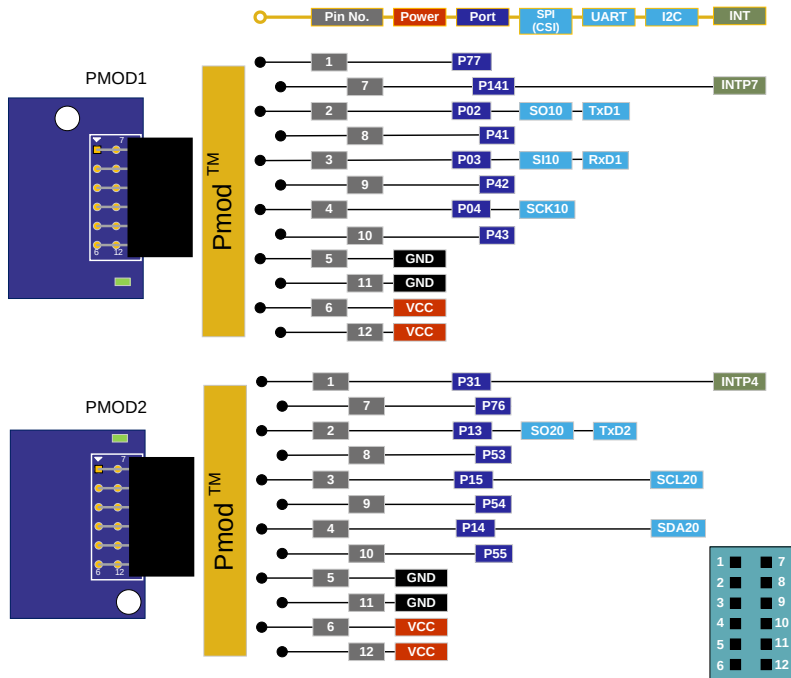
(3) Table of board specifications

Item	Specification
Evaluation MCU RL78/G24	Part No.: R7F101GLG2DFB; package: 64-pin LFQFP On-chip memory: 128-KB ROM, 12-KB RAM, 4-KB data flash memory
Push switches	Reset switch x 1, user switch x 1
LEDs	Power indicator: green x 1, user: green x 2
Pmod™ connectors	Connectors: Angle type, 12 pins x 2
Arduino® connectors	Connectors: 6 pins x 1, 8 pins x 2, 10 pins x 1 The interfaces are compatible with Arduino® UNO R3.
Grove connectors	Interface for Grove modules I2C: x 3

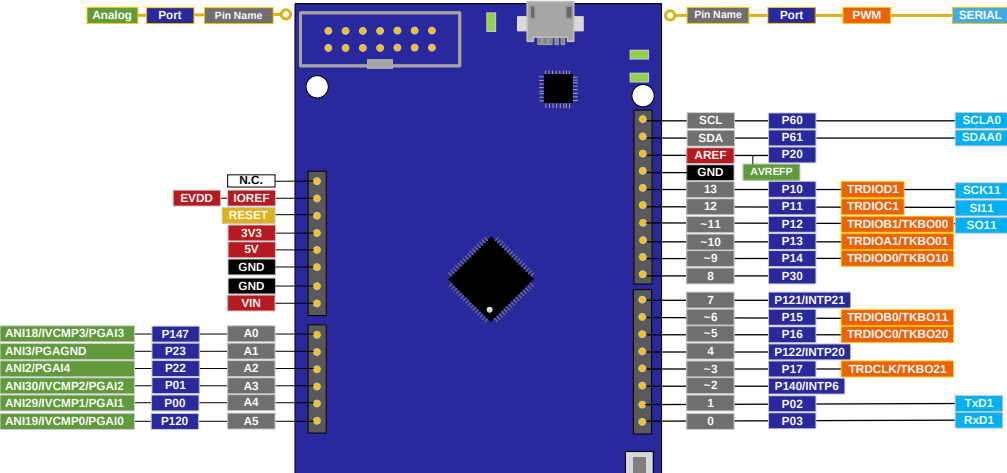
(4) Parts layout



(5) Pmod™ interface



(6) Arduino® interface



(7) Grove interface

GROVE1			GROVE2			GROVE3		
RL78/G24			RL78/G24			RL78/G24		
Pin 1	Pin 24	P75/SCL01	Pin 1	Pin 29	P70/SCL21	Pin 1	Pin 46	P10/SCL11
Pin 2	Pin 25	P74/SDA01	Pin 2	Pin 28	P71/SDA21	Pin 2	Pin 45	P11/SDA11
Pin 3	-	EVDD	Pin 3	-	EVDD	Pin 3	-	EVDD
Pin 4	-	EVSS	Pin 4	-	EVSS	Pin 4	-	EVSS