

## RZ Ecosystem Partner Solution

# NovTech RZSBC G2L



### Solution Summary

The RZSBC G2L is an ideal platform for software development and evaluation of the [RZ/G2L](#) multicore processor family. The compact form factor with a 40-pin Raspberry Pi compatible header allows the use of hardware components like displays, cameras, and shield boards.

### Features/Benefits

- Dual Gigabit Ethernet, Wi-Fi/BT
- Raspberry Pi 40-pin Header, SD Card
- 4Gbit DDR4 Memory
- Four USB hosts
- USB Type-C for Power supply and USB 2.0 connectivity
- HDMI & MIPI DSI Interface for Display
- MIPI CSI Camera Interface
- Audio codec with 3.5mm Audio jack
- PMOD 6A interface
- Eight channels ADC inputs
- Compact form factor

### Diagrams/Graphics



### Target Markets and Applications

- Embedded System
- HMI



NovTech, Inc. was founded in 1998 by a group of engineers with a wide assortment of skills. From day one, their goal was to provide rapid system solutions to OEMs. NovTech has designed and produced over 300 turn-key solutions for the automotive, consumer industrial, and home automation industries.

The areas of expertise include everything from 8-bit microcontrollers to 32-bit ARM and x86 processors, analog circuits, ASIC design, SoC's, and FPGA development. NovTech is experienced in all aspects of high-speed, real-time hardware, firmware, and software design. NovTech owns a manufacturing line and is a one-stop shop for your electronics system requirements. With the capability of rapid prototyping, and they can deliver systems at any stage of the product development cycle: from concept to production grade prototypes.

NovTech offerings include:

- **Design services** for rapid prototyping, including PCB layout, prototyping, embedded programming, logic core design, boot-loaders and OS porting.
- **Trainings**, including ARM architectures, security, high-speed DDR3/DDR4 implementation, PCB layout, power management in SoCs and FPGA designs.

For more Information or order Information visit:

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