The embedded module TQMaRZG2x is based on the RZ/G2 processor, an ARM® Cortex®-A53/A57 processor from Renesas. The integrated high-performance graphics controller supports applications with high display requirements. Full access to all signal pins guarantees flexible applications and cost-effective project development.

**Solution Summary**

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**Features/Benefits**

- Graphic with 4K Support/Quad Core
- LPDDR4 with ECC Support
- Highspeed communication via 1x Gbit Ethernet, 2x PCIe and 1x USB 3.0 interface
- 2x CAN-FD
- Integrated security functions
- Low power consumption (typ. 6 W)

**Target Markets and Applications**

- Medical
  - HMI for Diagnostic Device
- Transportation
  - Access Control Systems
- Robotics
  - Camera System Control
- POI/POS
  - Cash Register Systems

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Board View of SOM Board TQMaRZG2x

TQMaRZG2N/M

Learn more:

Board View of Evaluation Kit MBaRZG2x

Learn more:

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