

RA, RX, RL78 Ecosystem Partner Solution

GaleComm Flash MCU Programmer

RENESAS

PARTNER
NETWORK

READY

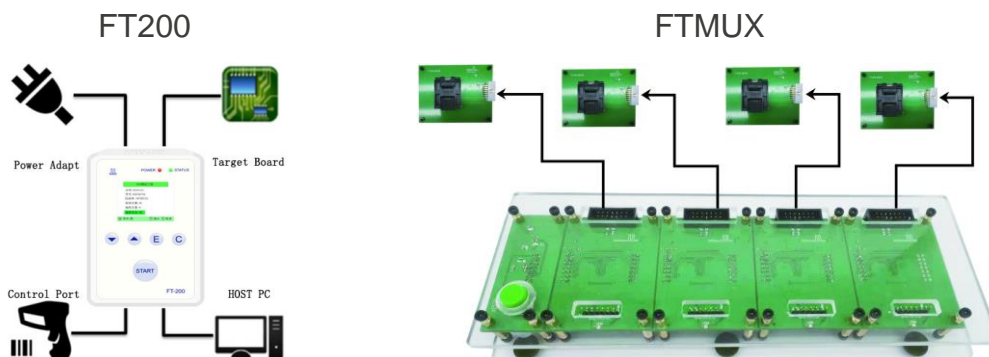
Solution Summary

FT200 series programmer is a single-channel programmer, with good compatibility, powerful features. It can support Renesas [RA/RX/RL78](#) MCUs, including Device-Lifecycle-management (DLM) key function support on latest RA Cortex-M33 core MCUs. The FTMUX series programmer is a multi-channel output programmer with multiple master units to program multiple chips at the same time. This equipment is suitable for mass production in the factory.

Features/Benefits

- The output interface is a 14-pin (2.54mm) standard interface and compatible with E1, E2, E2 Lite, PG-FP6, and supports online/offline modes
- Supports automatic programming, robot or other control machine communicating and controlling programming, remote control of the remote PC for programming or caching to the server, support limit programming times, multiple projects (bin/hex/mot/s19 formats) storage and other functions
- Supports most active Renesas MCUs
 - RA : SWD/UART interface, IDCODE/DLM protection
 - RX : FINE/UART interface, IDCODE protection
 - RL78 : Single-Wire interface, Debug-ID protection
 - Support custom serial numbers
 - Additional functional requirements at customer request

Diagrams/Graphics



Target Markets and Applications

- Mass production programming in factory
- Product upgrade and maintenance
- After-sales maintenance and upgrade
- Automatic programming machine or robot

FTMUX Multi-Channel and FT200 Single-Channel programmer

| | FTMUX4-RN | FT200 | PG-FP6 | E2-Lite | JLINK |
|-----------------------------------|-----------|-------|--------|---------|-------|
| RA | ✓ | ✓ | ✓ | ✓ | ✓ |
| RX | ✓ | ✓ | ✓ | ✓ | ✓ |
| RL78 | ✓ | ✓ | ✓ | ✓ | ✗ |
| Offline Programming | ✓ | ✓ | ✓ | ✗ | ✗ |
| Single Wire Programming | ✓ | ✓ | ✓ | ✓ | ✓ |
| Serial Port In-System Programming | ✓ | ✓ | ✓ | ✓ | ✗ |
| Extend to Multiple Channels | ✓ | ✗ | ✗ | ✗ | ✗ |

- Supported MCUs: RL78 、 RA 、 RX 、 78K 、 Synergy 、 M16C 、 R8C 、 M32C 、 R32C 、 M32R 、 RH850 、 RH850-U2A 、 V850 、 USB Device 、 Bat Manager Device 、 EEPROM

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