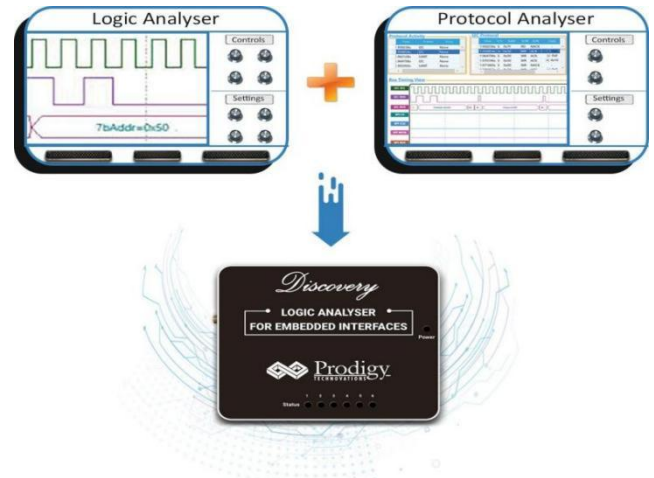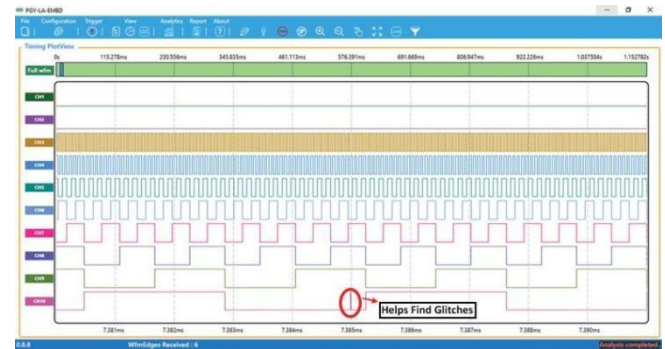# Introducing the DISCOVERY Series Logic Analyser for Embedded Interfaces Analysis

- 1GS/s Timing, 100MHz State, 16 Channel Logic Analyser.
- Simultaneous Multi-Protocol Analysis supports: I2C, SPI, UART and I3C-SPMI-RFFE.
- Advanced trigger capabilities including Protocol aware Triggers.
- Easy to use software.
- Smart continuous streaming of data between Logic Analyser and host computer via USB 3.0 interface.
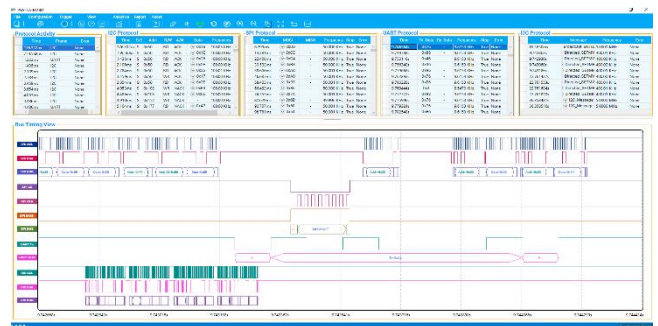- Effectively solves embedded hardware and Software integration challenges.



## Solving Embedded Hardware Issues

- 16 Channels Logic Analyser with timing and state analysis capability.
  - 100MHz Synchronous state analysis helps identify embedded design signal behavior.
  - Asynchronous timing analysis helps identify glitches.
- Debugging timing issues in hardware with 1GS/s per channel timing acquisition.
- Delay and Pulse width trigger feature to capture elusive hardware design issues.



## Solving Embedded Software Issues

- Simultaneous Multi-Protocol support: I2C, SPI, UART and I3C-SPMI-RFFE.
- System level insights to protocol messages.
- Multiple markers to resolve protocol message timing issues.





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