

AN1428: SiWx917 Debug Lock

**This version of AN1428 has been deprecated.
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This application note describes the debug lock and unlock feature present on SiWx917 devices. It also provides examples of the procedure to lock debug ports, preventing firmware readout on locked devices.

For more information on provisioning the SiWx917 for debug lock, see the following: [UG574: SiWx917 SoC Manufacturing Utility User Guide](#). For more information on enabling secure boot on SiWx917, see [AN1442: SiWx917 SoC Secure Boot with Anti-Roll-back Protection](#).

KEY POINTS

- Debug lock and unlock process for SiWx917
- Debug challenge overview and debug token format
- Prerequisites for debug lock
- Examples for debug lock and unlock using a debug token or private key



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