

## **DLC interface and ST interface**



### **Overview**

ST-LINK/V1 and ST-LINK/V2 embed a unique interface (ST debug) with the USB. When powered up, the boards are in firmware-upgrade mode (also called DFU for "Device Firmware Upgrade"), allowing firmware to be updated through the USB. In this document, ST-LINK is a generic name that refers to the different implementations of a debugger/programmer probe interface for STMicroelectronics microcontrollers. This chapter discusses the following topics: Generic Data Link Control Environment Overview Generic data. Generic data link control (GDLC) is a generic interface definition that allows application and kernel users a common set of commands to control data link control (DLC) device managers within the operating system. For problem determination, see GDLC Problem Determination in Communications. High-Level Data Link Control (HDLC) is a communication protocol used for transmitting data between devices in telecommunication and networking. This cookie is set by GDPR Cookie Consent plugin.

## DLC interface and ST interface



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Generic data link control (GDLC) defines a generic interface with a common set of commands that allows application and kernel users to control DLC device managers within the operating system.



Information about an installed DLC can be displayed through the System Management Interface Tool (SMIT), or the command line. On heavily used systems or communications ports, it might be ...



The STM32 ST-LINK utility software facilitates fast in-system programming of the STM32 microcontrollers during development via the ST-LINK, ST-LINK/V2 and ST-LINK-V3 tools.



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The ST-LINK/V2 is an in-circuit debugger/programmer for the STM8 and STM32 microcontrollers. The single wire interface module (SWIM) and the JTAG/serial wire debugging (SWD) interfaces facilitate ...



A DLC must be installed and added before you can list, show, change, or remove its attributes (see GDLC data link controls). An attribute change is only successful if there are no active opens against ...

## Contact Us

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