

# Dallas/Maxim T1/E1/T3/E3 Framer Drivers

by NComm, Inc. 

Dallas/Maxim delivers source code drivers that exceed those usually provided with framer ICs. Dallas drivers are developed by NComm, Inc. NComm is well known in the Telecom development community for products and services in support of Wide Area Network equipment design. The drivers offered with Dallas/Maxim framers are designed to work as part of your system.

## Features

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- Pre-coded register maps
- A well defined, fully documented API
- Easy to customize to your hardware platform
- Support for device interrupts
- Pre-Tested on real hardware
- Memory mapped device description
- Support for multiple device modes (e.g. T1 and E1)
- Development platforms available
- Three simple API functions
- Operating System independent
- Un-solicited messages informing higher level applications of important events
- Simple access to framer control and information required to engineer standard compliant interfaces

## Driver API Communicates to:

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- Existing WAN alarm, performance monitoring, loop-back and Robbed-Bit Signaling code
- Newly developed WAN overhead management code
- NComm's Trunk Management Software (TMS)

## Additional Applications

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- Provides initialization examples to bring up hardware
  - Provides easy interface for board specific customizations
  - Easy to bring up in a stand-alone mode
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## About NComm

**100% Complete Source Code for producing standard compliant WAN interfaces**

**Just Add Hardware and Operating System**

NComm's mission is to reduce user time-to-market through turnkey T1/E1/T3/E3/SONET/SDH telecommunications source code

### Contact NComm

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