

BUSMASTER – CAN FD Add-On

## BUSMASTER © - CAN FD Overview

### ❖ Introduction

BUSMASTER CAN FD Add-On supports measurement and simulation of CAN FD frames and signals.

### ❖ Features Supported

- Database support
- Hardware support
  - ETAS BOA v2.12 (ES582.1, ES523)
  - Channel configuration with CANFD parameters
    - ISO and Non-ISO mode support
- Transmit Window
  - Support up to 64 bytes
- Message Window
- Node Simulation
- Logging
- Filters
- Replay
- Network Statistics
- Signal Watch
- Signal Graph

### ❖ Installation

CAN FD support in BUSMASTER is available as a commercial Add-On

CAN FD v1.0.0 Add-On works on top of open source v3.2.1

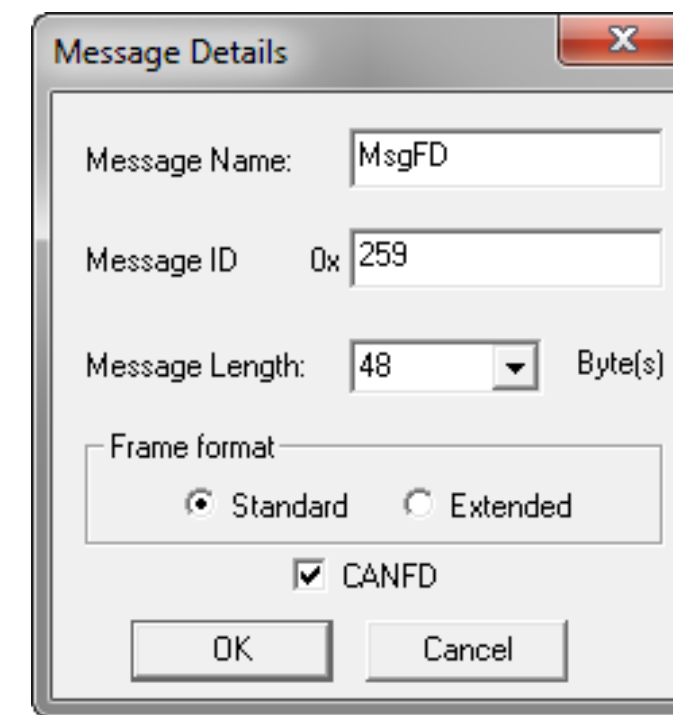
For further details, please contact E-mail: [BUSMASTER@in.bosch.com](mailto:BUSMASTER@in.bosch.com)

## BUSMASTER © - CAN FD Features

### ❖ Database

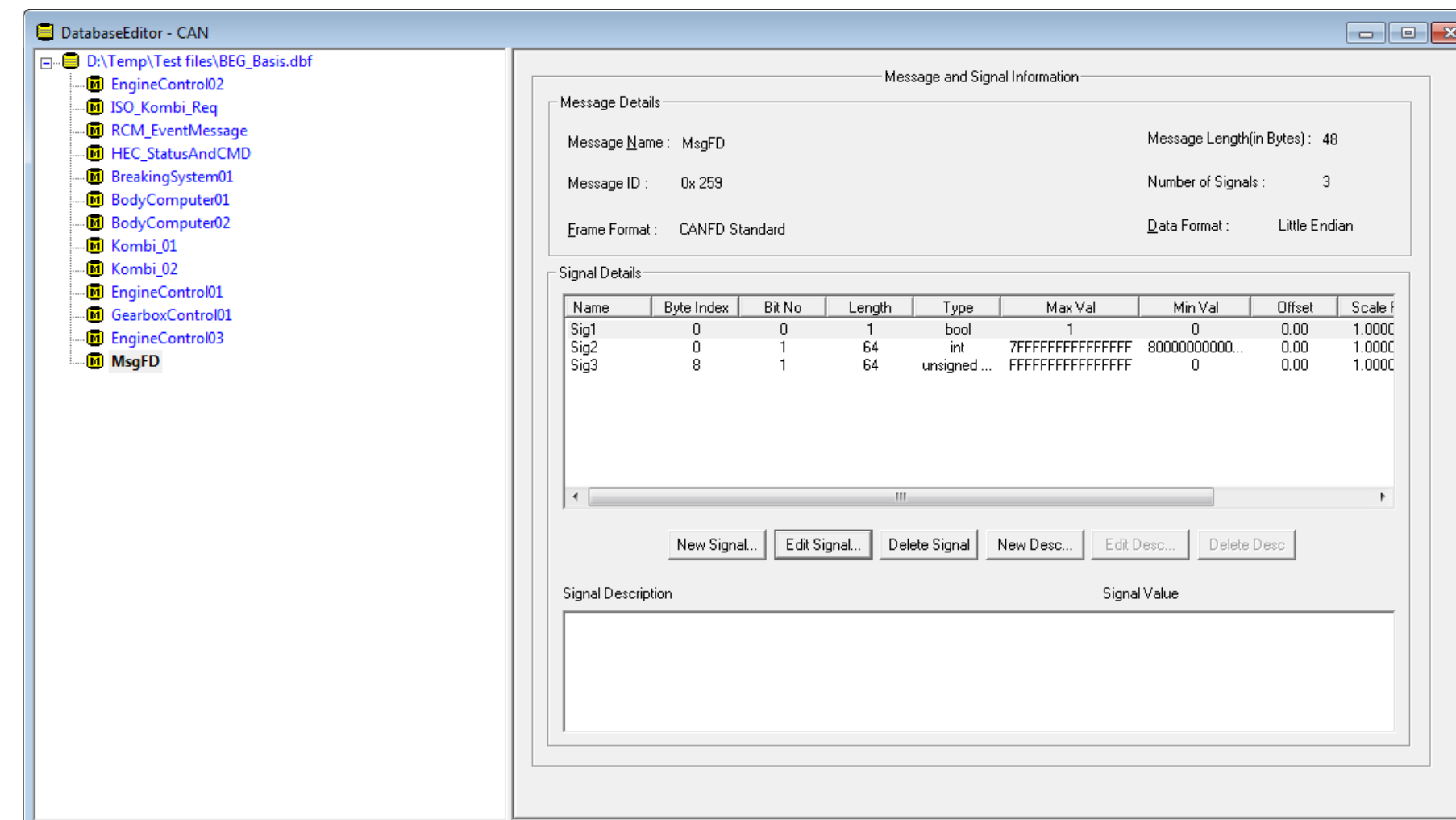
BusMaster Database supports CAN FD frames

- CAN FD option
- Length up to 64 bytes



### ❖ Signal creation

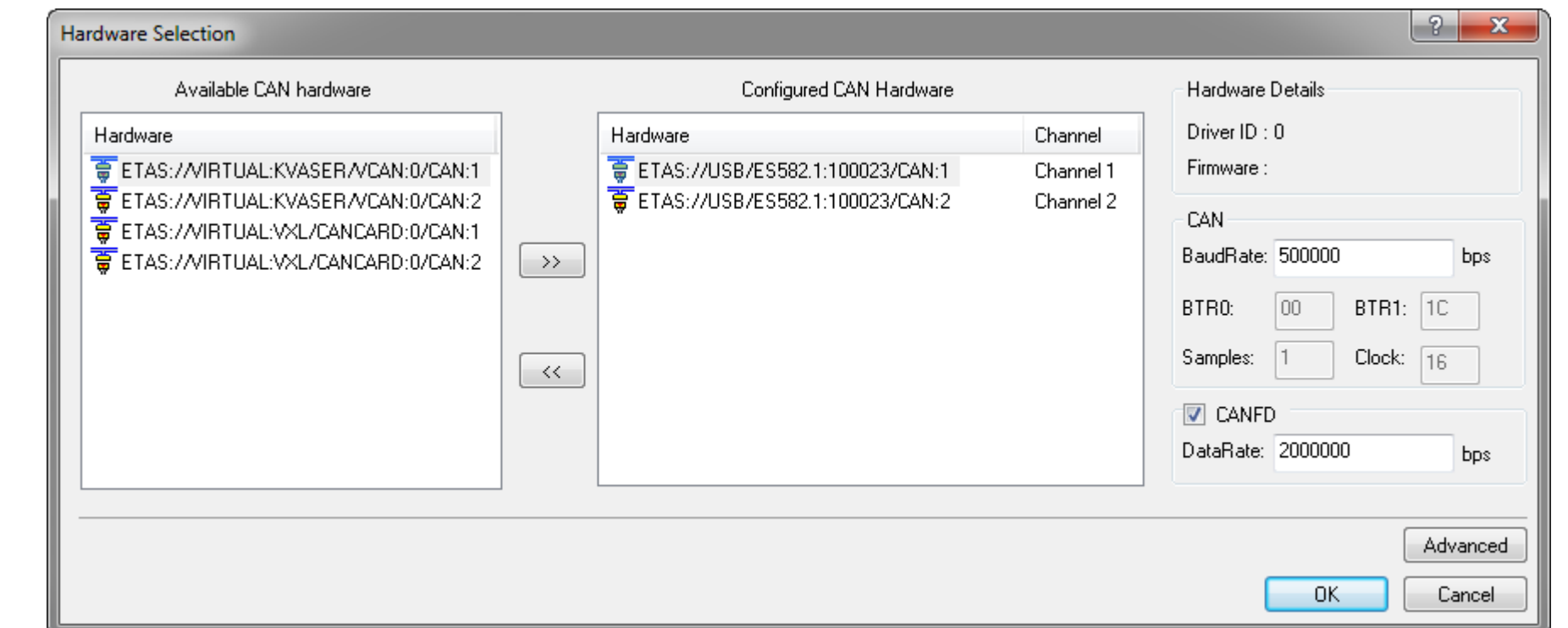
- Multiple signals up to 64 bytes
- All other CAN signal parameters available



## BUSMASTER © - CAN FD Features

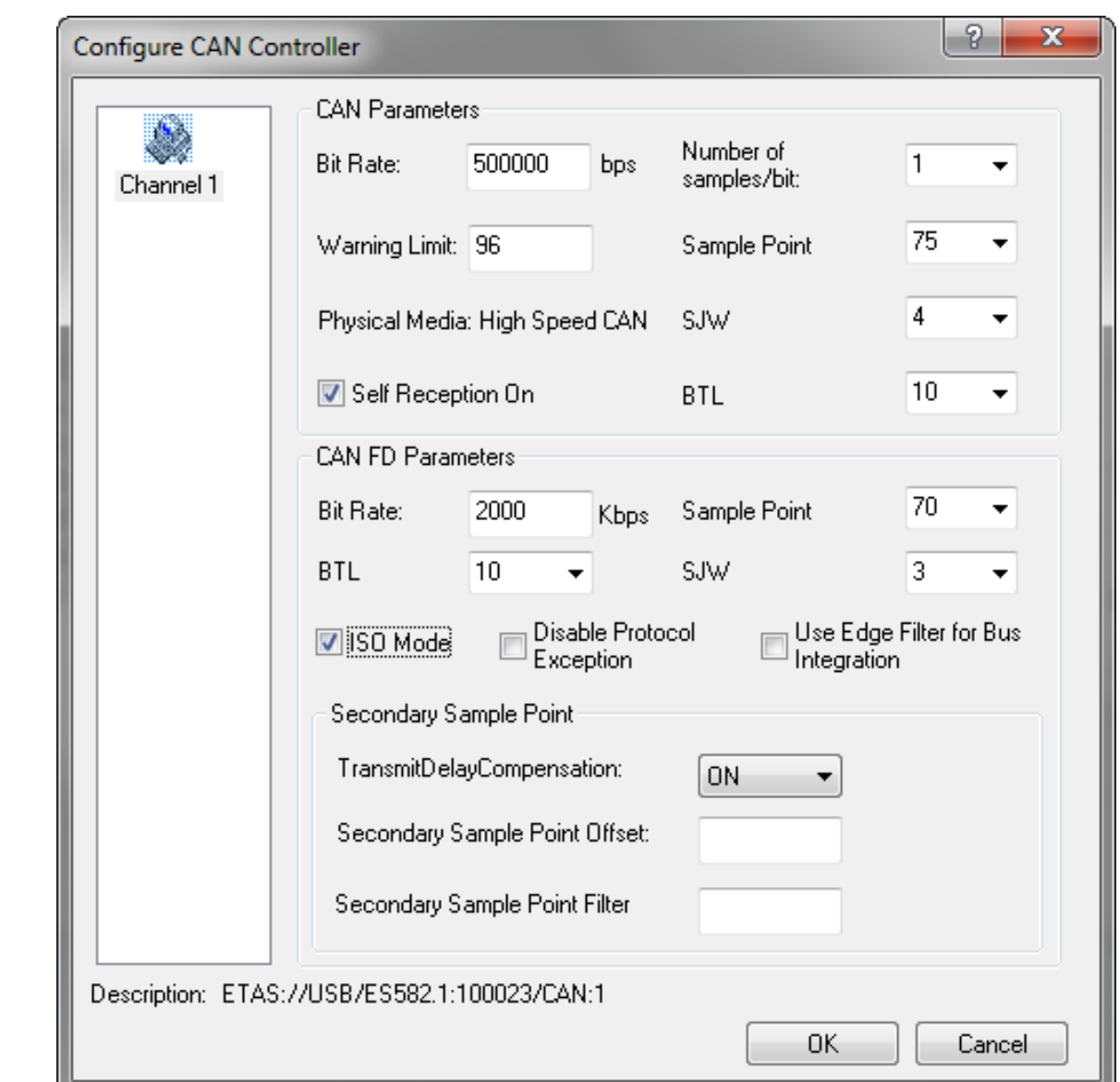
### ❖ Hardware channel configuration

Option to select CAN FD variable data rate



### ❖ Hardware channel configuration

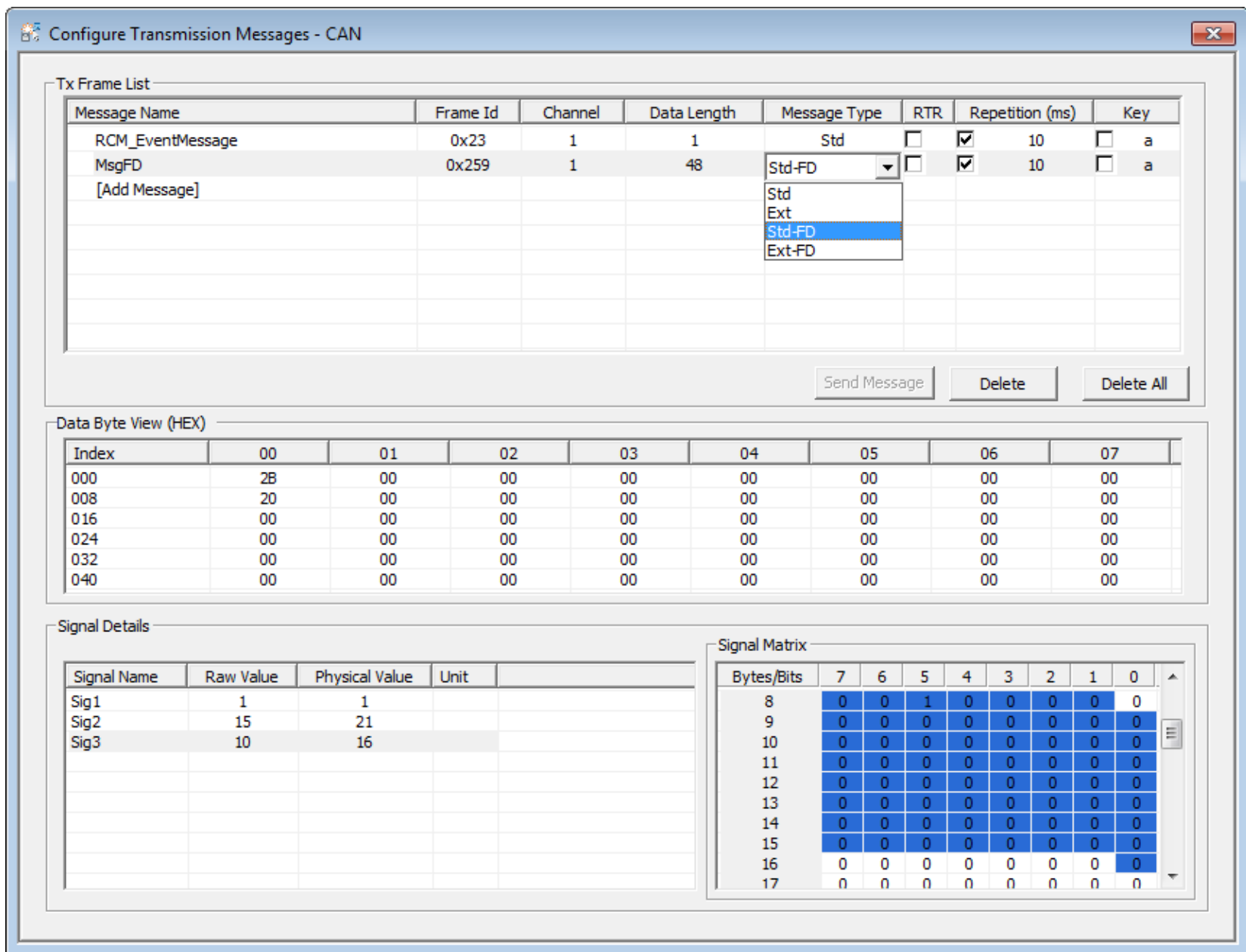
Configuring CAN FD parameters



## BUSMASTER © - CAN FD Features

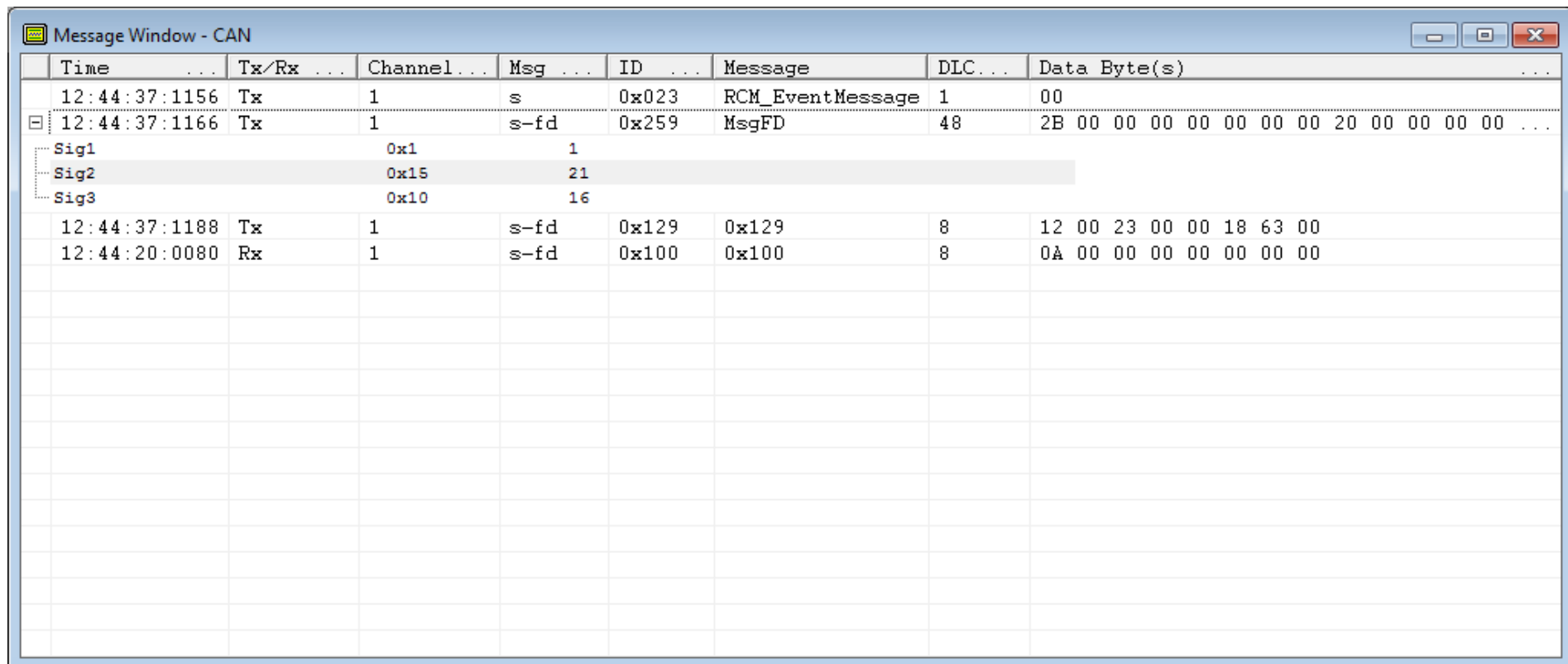
### ❖ Transmit Window

- Support for standard, extended, standard-fd and extended-fd frames
- Signal matrix for 64 bytes



### ❖ Message Window

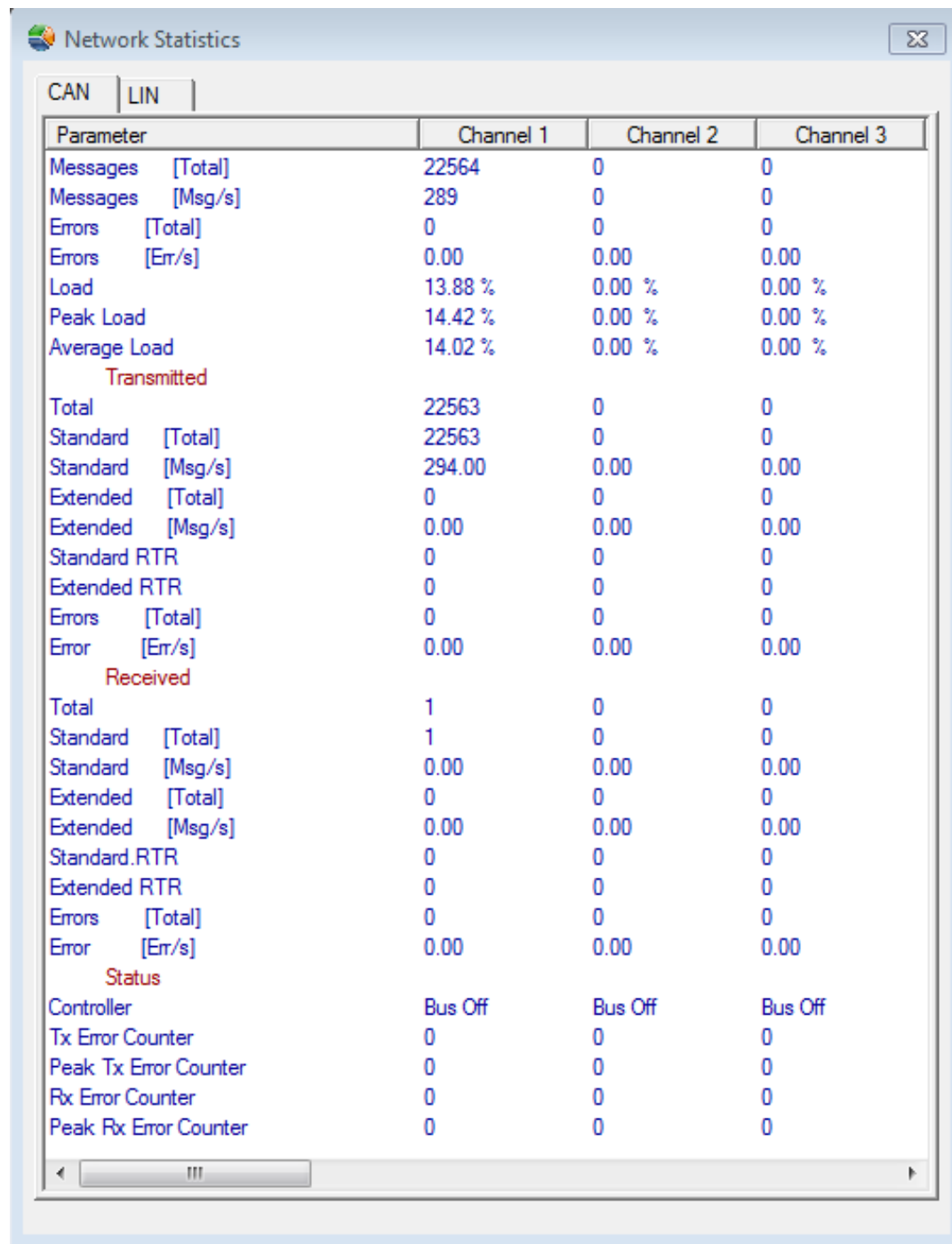
- Displays CAN FD frames



## BUSMASTER © - CAN FD Features

### ❖ Network Statistics

Displays CAN FD bus statistics like number of frames transmitted and received, error frames, bus load etc.,



### ❖ Signal Watch

Analyze selected signal's Raw and Physical values

### ❖ Signal Graph

Signal plotting for the configured signals

### ❖ Logging

Configure log files to log CAN FD Frame's transmitted or received

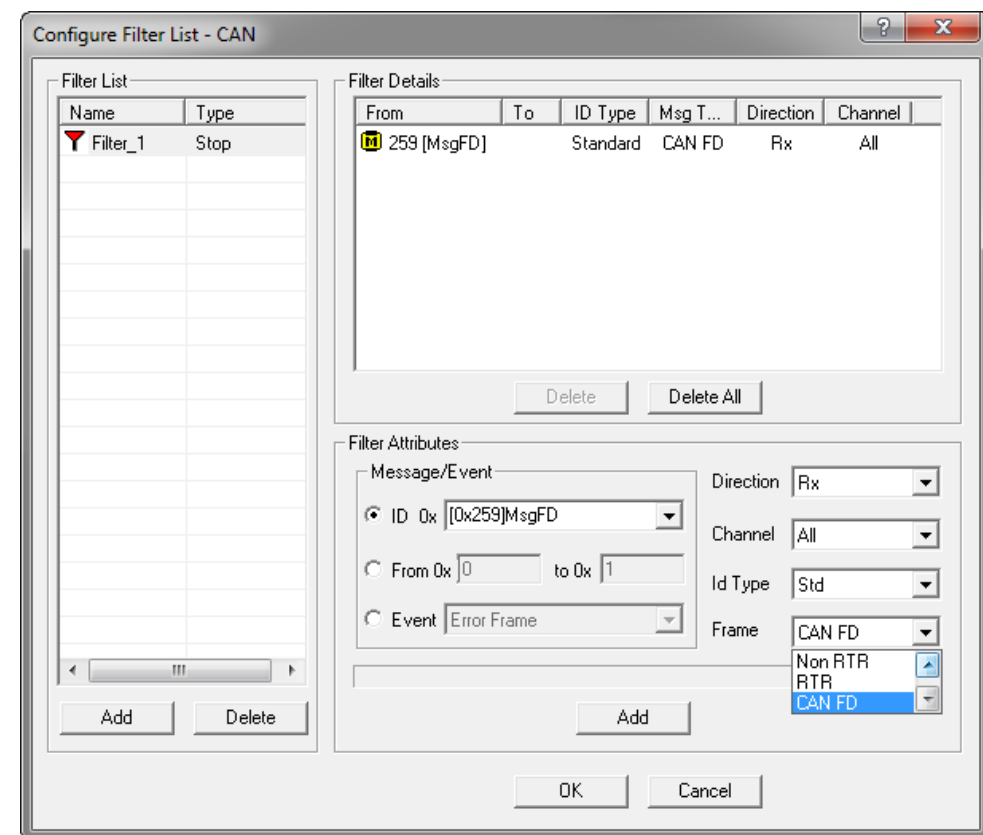
### ❖ Replay

Session replay of the CAN FD log files

## BUSMASTER © - CAN FD Features

### ❖ Filters

Configure Stop or Pass filters for CAN FD Frame's



### ❖ Node Simulation

CAN FD Node can be simulated with following handlers

- Bus Events
- Message Handlers
- Error Handlers
- Timer Handlers
- Key Handlers
- DLL Handlers

