Movimento Puma™ MOST™

The Movimento Puma MOST™ is an industry leading tool for network analysis, node simulation, flight recording and software download to devices utilising the MOST™ interface.

Whereas the base Puma unit offers diagnostics and logging capabilities for networks such as CAN, LIN and K-line, Puma MOST is able to access all three MOST data channels, synchronous, asynchronous and control channels and provide analysis and simulation tools.

Flight Recorder

The Flight Recorder tool is capable of logging and analyzing network events on the control channel, the synchronous and the asynchronous channel, and it supports wake-up on MOST™.

Spy Tool

The Spy tool can act on the MOST™ bus as a master or slave node, or enter spy mode to appear invisible on the bus but still able to see all control channel traffic.

Node Simulator

The Node Simulator is the ideal platform for simulation of MOST™ nodes. It features all Puma MOST™ Spy functionality but adds features for ring order analysis and can send and receive messages on the control channel.

System Analyser

This complete tool supports all features that the Puma MOST™ products are capable of. It is a powerful suite that covers analysis, stress testing, node simulation and logging.

Software Loader Device (SLD)

The Puma MOST SLD supports protocols such as ISO14229 over the MOST™ physical layer. The tool is capable of high-speed software download over the asynchronous channel.

Node Tool

Based on the Puma MOST™ SLD, the Node Tool brings the same functionality with the addition of being a cost effective node emulation tool. It supports master and slave node emulation and has the ability to send and receive messages on the control channel.

Features

- ● Standard
- ○ Optional
- ◉ Limited

	Generation I		Generation II (available Q3 2008)			
	SLD	NODETool	Flight Recorder	Spy	Node Simulator	System Analyzer
SWDL	●	●	○	○	○	○
High Speed SWDL	●	●	○	○	○	○
Diagnostics	○	●	○	●	○	●
Master Mode	○	●	○	●	●	●
Slave Mode	○	●	○	●	●	●
Spy Mode	–	–	●	●	●	●
Spy Mode Master	–	–	○	●	●	●
Spy Mode Slave	–	–	○	●	●	●
Viewer	–	●	◉	●	●	●
MOST Sender	–	●	○	○	●	●
Sync Channel Manager	–	○	○	○	○	●
Async Channel Manager	–	○	○	○	○	●
Exerciser (Stress Tool)	–	○	○	●	○	●
Ring Order Analyser	–	○	○	○	●	●
Most Editor	–	–	○	●	●	●
Light Management	–	○	○	●	○	○
Flight Recorder	–	–	●	○	○	○
Gateway Manager	–	–	○	○	●	●

Specifications

Network Interfaces
- Optical MOST™ (Media Oriented Systems Transport)
- Electrical MOST™ (under development)
- CAN
- LIN

Electrical
- 2 Analog Devices Blackfin
- Operating voltage: 5 to 36VDC

I/O
- MOST™ connector
- 40-pin connector
- SD card supported (>1GB)

Protocols supported
- ISO14229 (diagnostics services)

Environment
- Operating Temperature: -40 to +85 °C (with WLAN 0 to +55 °C)
- Storage Temperature: -40 to +125 °C (with WLAN -20 to +70 °C)

Physical
- Size: 120 x 79 x 55 mm (4.7 x 3.1 x 2.2 inch)
- Weight: 0.3 kg (0.66 lbs)