ProMik
XTL-t

Scalable End of Line (EoL) Programming and Testing System for Software Upload

XLT-t

Overview

End-of-Line (EoL) flash programming presents a central challenge in electronics manufacturing: large amounts of data must be transferred efficiently, quickly, and reliably to multiple devices under test. With ProMik's EoL solution, companies have access to the fastest available programming solution, enabling parallel high-speed flash programming via Automotive Ethernet or USB3. Additionally, the system integrates functional testing to ensure the quality and reliability of manufactured control units, The ProMik XLT-T can be individually configured – it is fully scalable and can be customized to meet the specific requirements of various manufacturing processes, including integrated functional testing.

Key Features

➜ Based on ProMik's proven software and hardware solutions

➜ Parallel high-speed programming via Automotive Ethernet or USB3 (up to 300MB/s)

➜ Patented cable technology for flexible adaptation to production environments

➜ Fully scalable and configurable to meet individual customer requirements

➜ Based on a standardized software platform

➜ Standardized components made for industrial applications

➜ Plug & Play solution for seamless integration with automation partners

Performance

➜ Parallel High-Speed flash programming via Automotive Ethernet or USB3

➜ Data ranges of up to 300MB/s

➜ Comprehensive functional testing

Transmission of large data volumes with the XDM-Series

➜ Available with Ethernet or USB3 Interfaces

➜ Integrated operating system for efficient file handling

➜ Xilinx Zynq UltraScale+ SoC running Linux 5.10 operating system

➜ End-of-Line Programmer with 4 independent USB3 / Ethernet channels

➜ Operating modes:
  – Mass storage device
  – Universal host interface

➜ Power supply connector for real-time coupling and control of PSU2048 and others

➜ SMART ICT connector to enable external test hardware

➜ Host Ethernet uplink 10/100/1000 MBit/s (auto sensing speed and full/half duplex mode, auto cross over capability)