Algocraft™

SOLUTIONS FOR THE PROGRAMMING INDUSTRY

DCA 17011

WN PRG04A with WN-DM4X3A integration on Teradyne TS12x platform

Programming variable data to a panel of twelve boards on Teradyne TS12x test platform. All hardware integrated into in line test fixture and both ICT test program and programming executed automatically without operator's involvement.

Problem analysis / Objectives

Test object was a panel of twelve identical boards. They had to be programmed with variable data, unique for every board. All hardware had to be built into an in line ICT fixture. Whole programming process had to be integrated in the regular ICT test program executed on Teradyne's TS12x platform.

Project development / Solution

WN PRG04A programmer is used together with the WN DM4X3A Demultiplexer to access all twelve boards in the panel. This set up was easily fitted inside an in line ICT fixture. Programming projects are common for all boards in the panel. The variable data is prepared and uploaded to internal memory of the programmer on the per board basis.

Execution of programming projects is controlled from Teradyne's tpg code through the LLI interface of the programmer.

Conclusions / Comments from End Customer

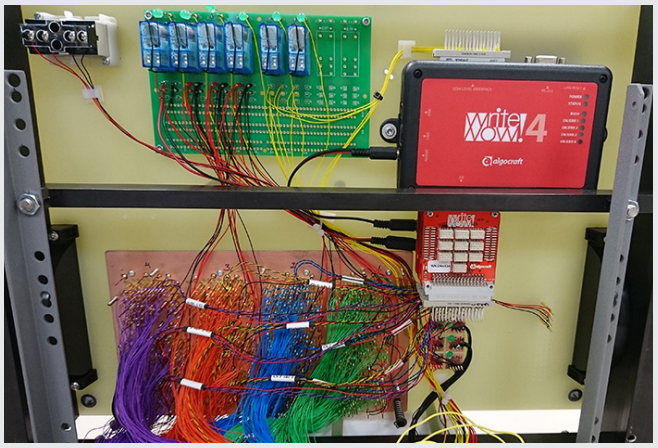
Flexibility of the WriteNow! devices (both HW and SW) along with great support from Algocraft made the choice of the programmer for this project easy.

About (Distributor Company & End Customer)

Distributor: Columbia is manufacturer of customized test fixtures, retailer of test systems and equipment and provider of test development services and sup-port/training on Teradyne's ICT test platforms.

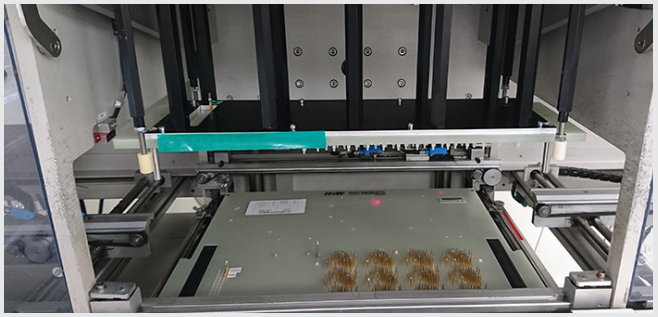
www.columbia.se

End user: The end user is a global designer and manufacturer of modules and systems for the commercial vehicles.



WN PRG04A and WN DM4X3A

LLI interface of WN PRG04A



In line fixture