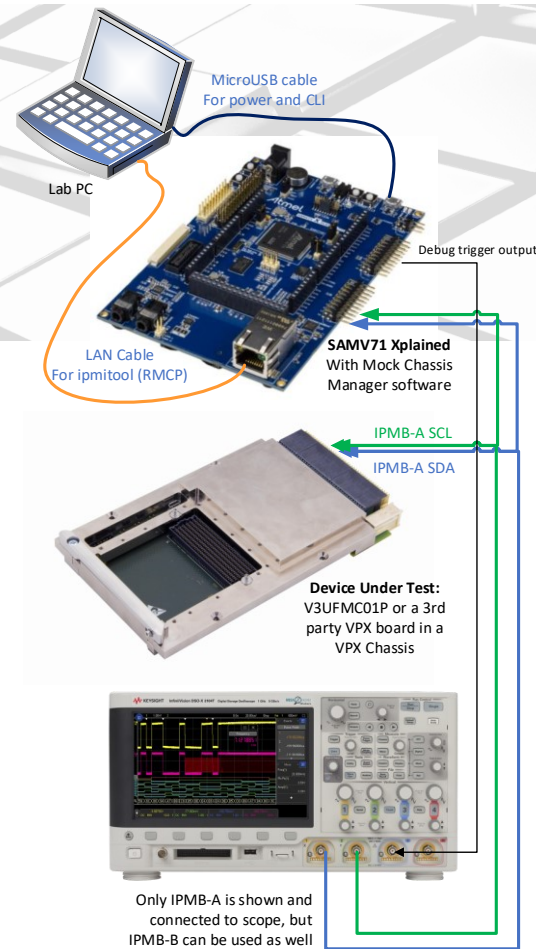


# VITA 46.11 Mock Chassis Manager

Cost-effective Ethernet-to-IPMB converter to develop and test VITA 46.11 IPMC implementations in isolation

- Ethernet-to-IPMB (I2C) converter software application
- Supports ipmitool and RMCP
- Command Line Interface through UART connection
- Designed for easy IPMB debugging;
  - No IPMB polling
  - Configurable trigger output to capture IPMC response messages on oscilloscope
- Runs on a low-cost, off-the-shelf SAMV71 evaluation board



## DESCRIPTION

The VITA 46.11 Mock Chassis Manager is a powerful tool to assist board vendors and system integrators with solving problems on the IPMB system management interfaces.

Debugging VITA 46.11 IPMC implementations can be a tough job. Compliant Chassis Managers are required to actively poll the IPMB interfaces for device presence. These features make it complex to debug IPMC solutions in isolation; from hitting breakpoints in the software to capturing the I2C lines on an oscilloscope.

The Mock Chassis Manager provides engineers with full control over commands across the IPMB-A and IPMB-B interfaces. It supports the RMCP protocol to connect to ipmitool running on any lab PC, and a command line interface to send raw commands across the interface.

Just connect the SAMV71 Xplained board with a LAN cable to your PC and with IPMB wires to the VPX management interface and your debugging or compliance verification can start.

## OTHER VITA 46.11 IP

### VITA 46.11 Tier-3 IPMC core

- Bare-metal C implementation
- Source code available
- Developed inhouse by Hybrid DSP in the Netherlands
- Free evaluation designs available

### VITA 46.11 Compliance Verification Test

- Automated test for compliance with all mandatory commands and rules
- Generates PDF and text reports
- Compatible with Mock Chassis Manager

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