# TCM - VMM - GIO - CAN

Adam Davis

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# TCM

- Things to do:
    - Update specification document
- Problem
    - Displaying VME data on front panel.
- Solution
    - Re-design data "visualiser" CPLD's.

# VMM

- Things to do:
  - Specification documents
- Problems:
  - Geographical address LED's
  - Front panel reset indication
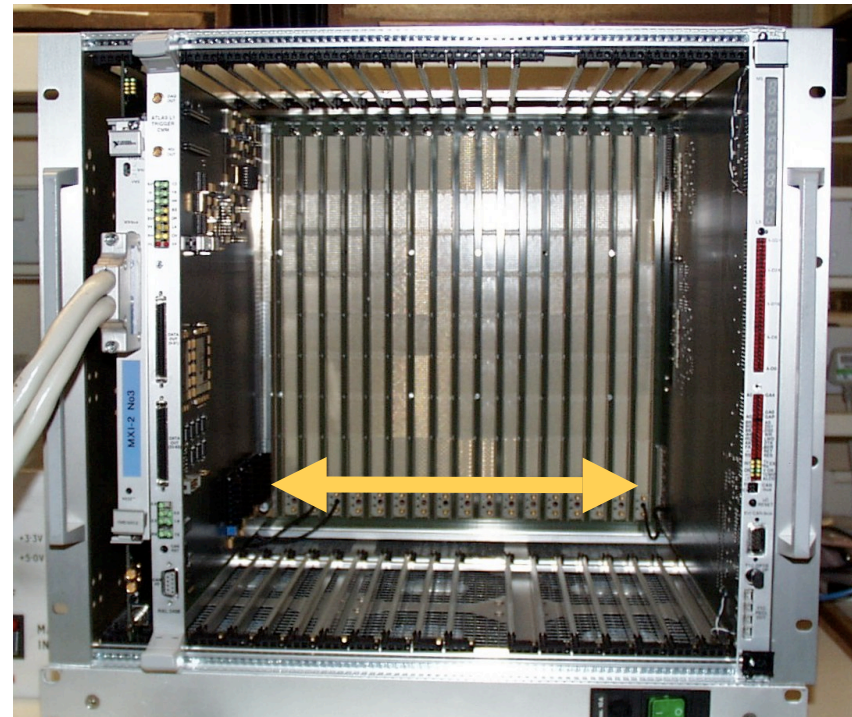- Solution:
  - Check schematic

# GIO

- Problem:
  - All CMC Connectors 180° out..!!

- Solution:
  - Adapter card being manufactured.

- However:
  - Connect to FPGA and Program.
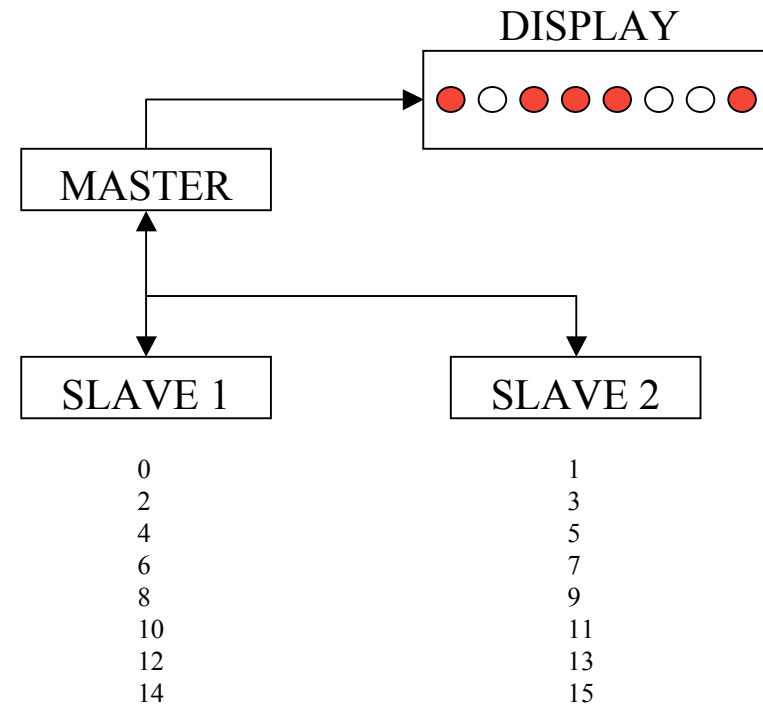  - B.Scan not done, both Richard and myself too busy.!!!

# CAN

- Established CAN communication between CMM and TCM in processor crate.

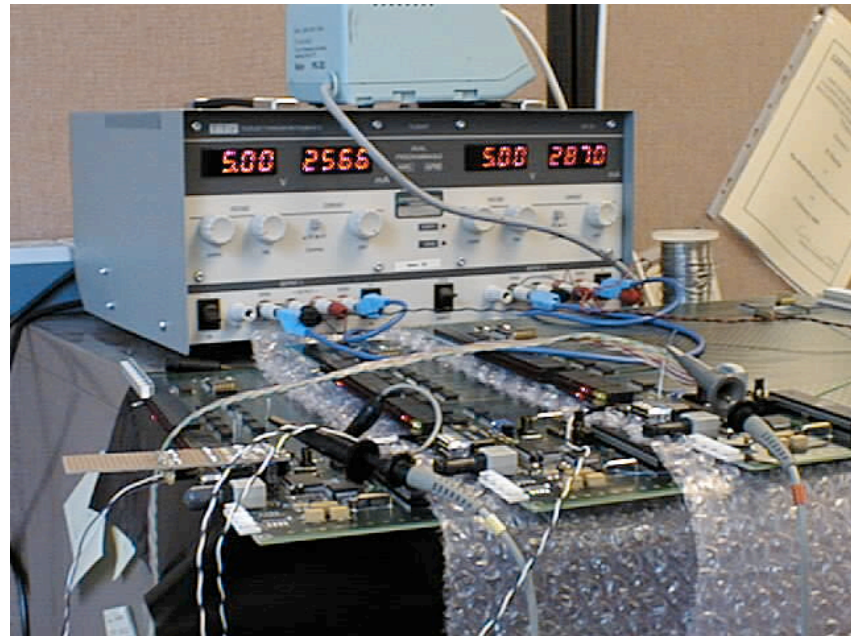- Transfers data port from CMM to TCM.

# CAN

- Set-up a Network utilising remote request facility.
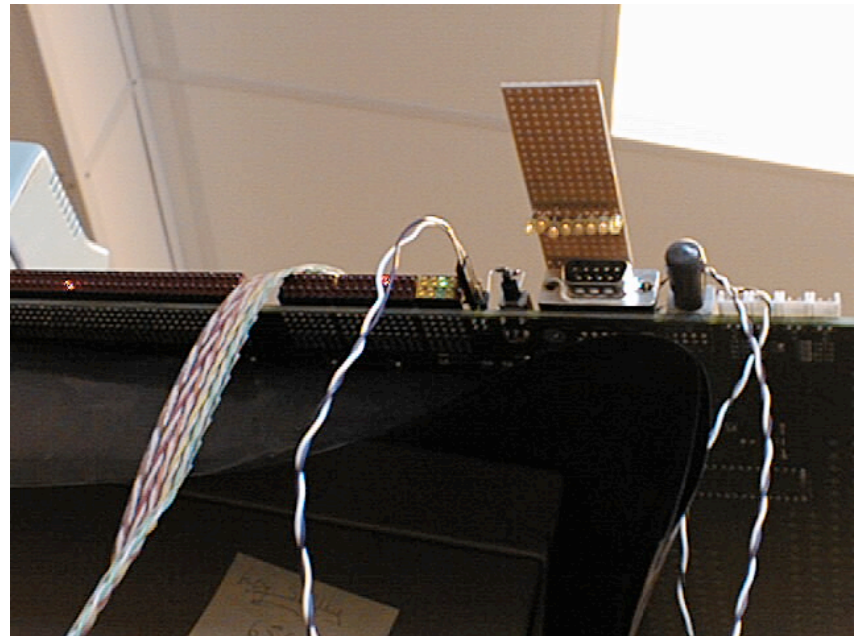
- Master and two slaves.

DISPLAY

MASTER

SLAVE 1

SLAVE 2

| SLAVE 1 | SLAVE 2 |
|---|---|
| 0 | 1 |
| 2 | 3 |
| 4 | 5 |
| 6 | 7 |
| 8 | 9 |
| 10 | 11 |
| 12 | 13 |
| 14 | 15 |

# CAN

- Network using Three TCM's

# CAN

**LED Display**

# CAN O/P

Waveform shows a node responding to correct address and not to other.