

# LCLS VME Processor Manuals

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### PowerPC Chips

- [Tundra Universe-II Chip](#)
- [Tundra VMEbus-to-PCI Bridge](#)

### Motorola MVME3100

#### Motorola MVME6100

- [Datasheet](#)
- [Starter Kit Datasheet](#)
- [MOTload Firmware Package User's Manual](#)
- [IPMC 712/761 IO Module Installation and Use](#)
- [Starter Kit Getting Started Guide](#)
- [Single-Board Computer Installation and Use](#)
- [Single-Board Computer Programmer's Reference Guide](#)

#### Motorola MVME5500 (Development Use only)

- [Datasheet](#)
- [MOTLoad Datasheet](#)
- [MOTLoad Firmware Package User's Manual \(http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users\\_guides/cpu/mvme5500/MOTLoad\\_Firmware\\_Package\\_User's\\_Manual.pdf\)](http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/cpu/mvme5500/MOTLoad_Firmware_Package_User's_Manual.pdf)
- [PPCbug Firmware Package User's Manual \(http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users\\_guides/cpu/mvme5500/PPCbug\\_Firmware\\_Package\\_User's\\_Manual.pdf\)](http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/cpu/mvme5500/PPCbug_Firmware_Package_User's_Manual.pdf)
- [IPMC 712/761 io module installation and use](#)
- [mvme550 Single-Board Computer Installation and Use](#)
- [mvme5500 Single-Board Computer Programmer's Reference Guide \(http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users\\_guides/cpu/mvme5500/mvme550\\_Single-Board\\_Computer\\_Programmer's\\_Reference\\_Guide.pdf\)](http://www.slac.stanford.edu/grp/lcls/controls/global/hw/users_guides/cpu/mvme5500/mvme550_Single-Board_Computer_Programmer's_Reference_Guide.pdf)
- [README VGM Flash](#)
- [README](#)

### Motorola MVME3100