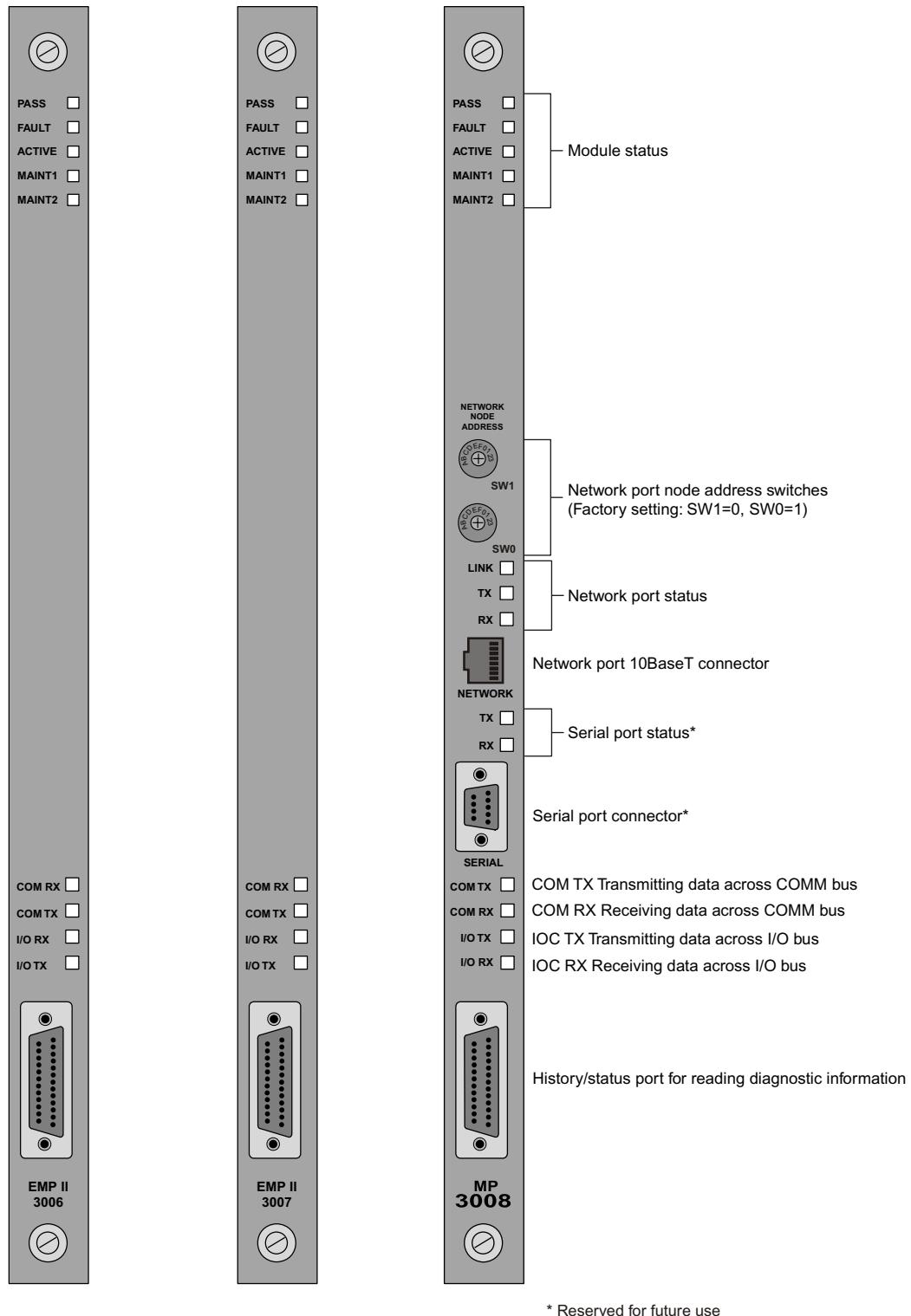


## Main Processor Front Panel

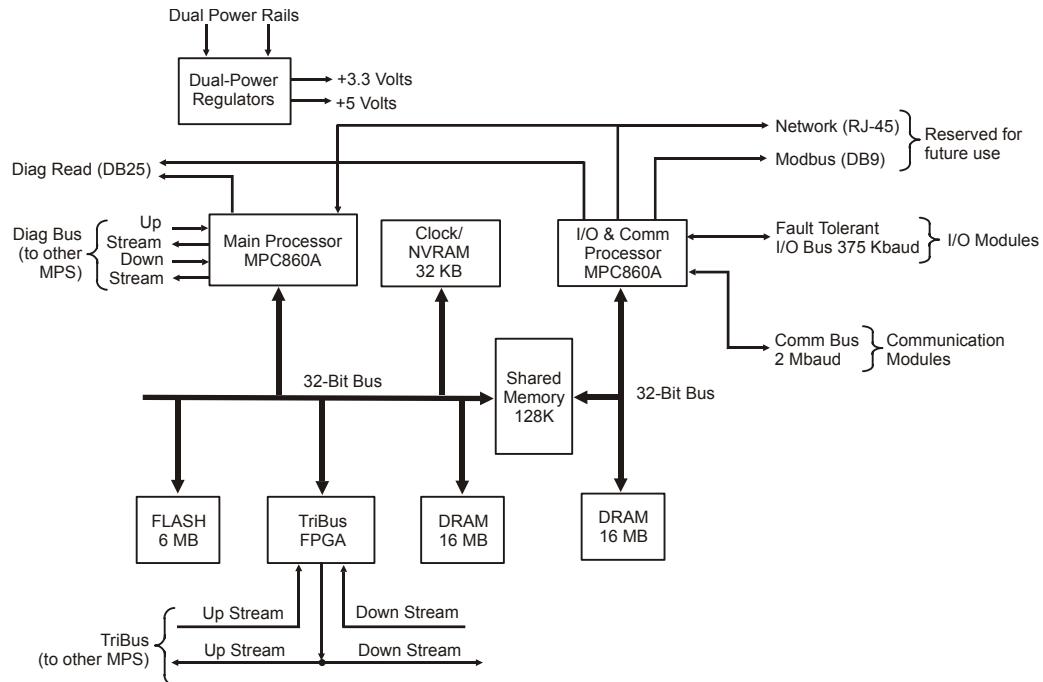
This figure depicts the Main Processor front panels for models 3006, 3007, and 3008.



**Figure 14** 3006, 3007, and 3008 Main Processor Front Panels

## 3008 Main Processor Architecture

This figure depicts the model 3008 Main Processor architecture, which can be used with Tricon v9.6 and later systems.



**Figure 15** 3008 Architecture

## 3008 Specifications

This table lists the specifications for the model 3008 Main Processor Module, which is available with Tricon v9.6 and later systems.

**Table 8 3008 Main Processor Specifications**

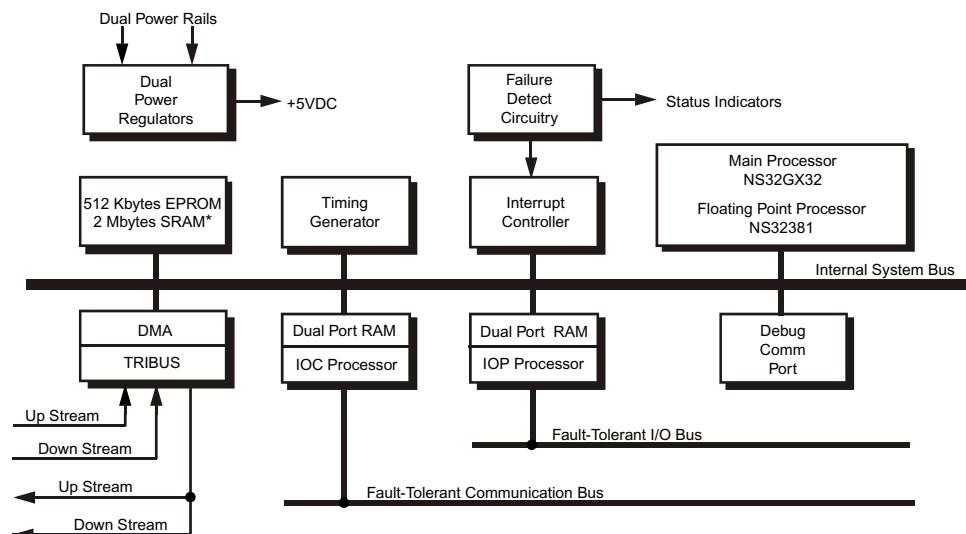
Feature	Description
Main processor	Motorola MPC860, 32-bit, 50 MHz
Memory	16 MB DRAM (without battery back-up) 32 KB SRAM (with battery back-up) 6 MB Flash PROM
TriClock	Time and date Battery back-up Typical drift: $\pm 2$ seconds/day Maximum drift: $\pm 2.16$ seconds/day
TriBus	25 megabits/second 32-bit CRC-protected 32-bit DMA, fully isolated

**Table 8 3008 Main Processor Specifications**

Feature	Description
Serial port	For diagread diagnostic analysis Optically isolated RS-232 interface on one 25-pin connector 500 VDC isolation
Communication processor	Motorola MPC860, 50 MHz, 32-bit
Communication interface	
Protocol	RS-485
Baud rate	2 megabits per second
I/O interface	
Protocol	RS-485
Baud Rate	375 kilobits per second
Logic power	10 W

## 3006 and 3007 Main Processor Architecture

This figure depicts the model 3006 and 3007 Main Processor architecture, which can be used with Tricon v9.0 – v9.5 systems. They have the same architecture and specifications, except for SRAM, which is 2 megabytes for the 3006 and 1 megabyte for the 3007.

**Figure 16 3006 and 3007 Main Processor Architecture**