EMBEDDED PLANET

EP8xx
Freescale PowerQUICC I

The EP8xx single board computers take advantage of the high performance networking capabilities of the Motorola PowerPC MPC 855, MPC 857, MPC 859, MPC 860, MPC 862 or MPC 866 processors.

By integrating all of the features of the PowerQUICC technology onto one single board, the computing engines reduce Time-To-Market and increase product reliability.
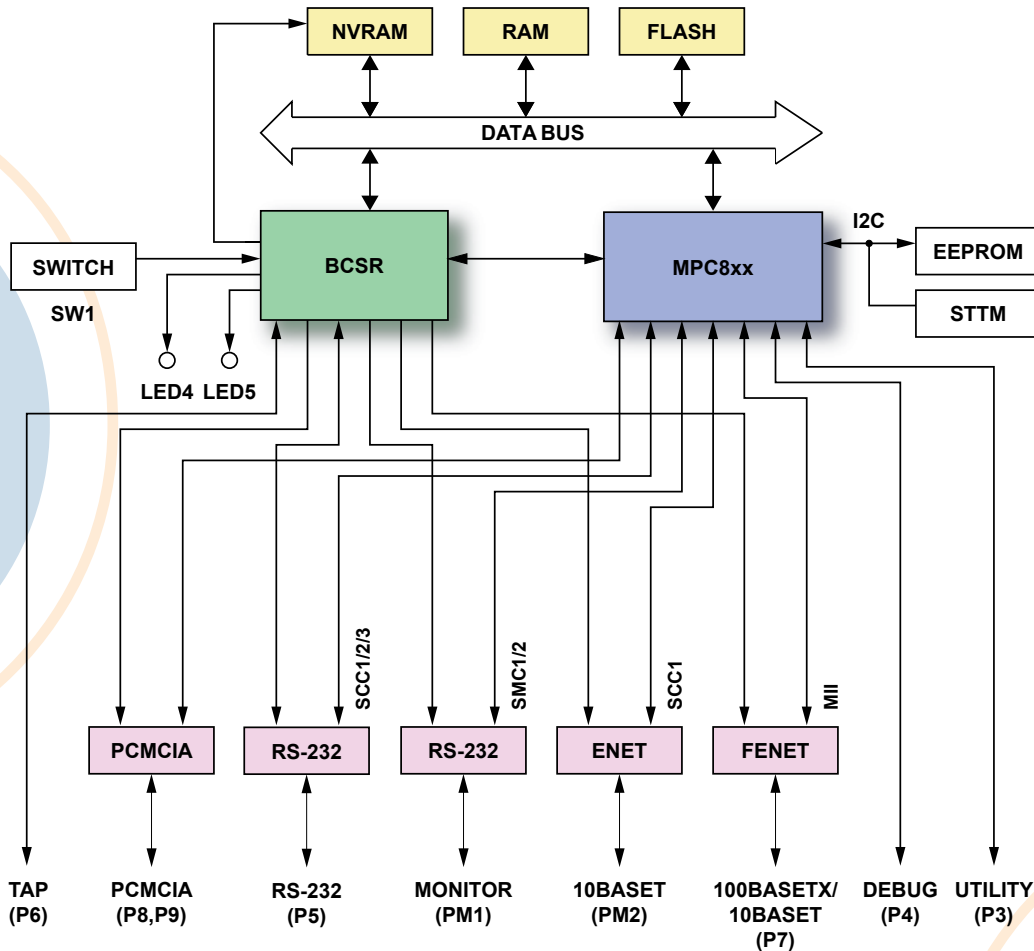
Scaleable in size, flexible in configuration, and expandable through the expansion bus they provide a production-ready platform for designing, developing, and deploying your network ready OEM design. Available in a Board Development Kit and in production quantities.
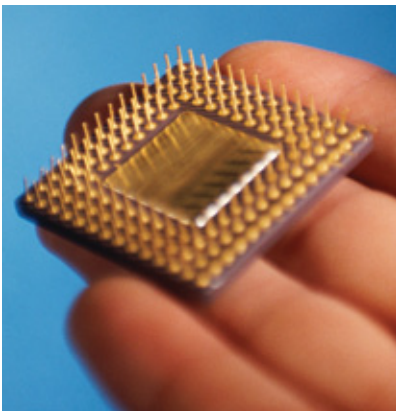
Feature Summary:

Specification:	Description:
Processor:	Freescale PowerQUICC I MPC855, MPC857, MPC859, MPC860, MPC862, or MPC866
Memory:	RAM: Up to 128MB FLASH: Up to 64MB NVRAM: Up to 512KB with RTC
Ethernet:	1 x 10/100, 1 x 10
Serial Ports:	2 x RS-232
Expansion:	RPX Bus for direct access to processor signals
I2C Devices:	EEPROM, Temperature Sensor
Debug:	On-board JTAG connection for simplicity in software debug
Power Supply:	5.25 to 3 VDC single supply
Form Factor:	3.775" x 3.55"

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Hardware Block Diagram

Let Us Do The Heavy Lifting

- Embedded Planet offers a complete set of software and hardware services to go along with our Off-the-Shelf solutions.
- Embedded Planet has extensive experience with embedded operating systems and firmware. Our stock configurations of operating systems and firmware can be customized to meet your particular needs.
- We can alleviate the headaches associated with volume production of embedded systems. Your product is delivered 100% tested from an ISO-9002 certified manufacturing facility.
- Our capabilities are available on a project basis to design custom solutions specifically tailored to your application.
- Contact Embedded Planet to find out how we can accelerate your project.