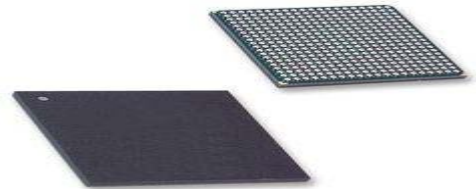




MPC5125 32-bit Microprocessor

General Description:

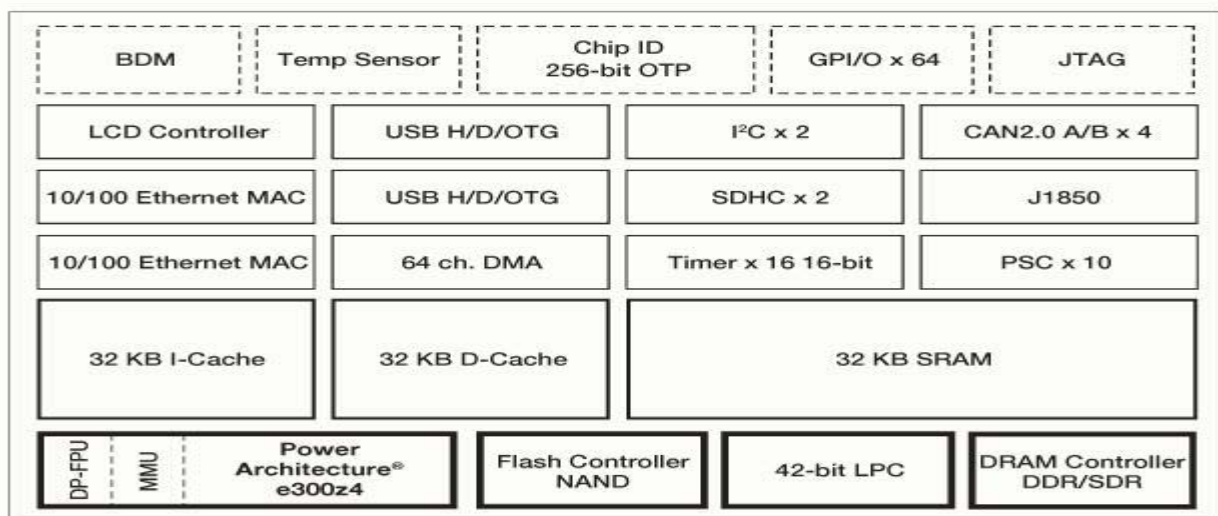
The MPC5125, a cost and power consumption optimized, automotive, industrial networking, and human-machine interface (HMI) solution. It helps reduce your development time, provides more communication peripherals at a competitive price and delivers ultra-low power without sacrificing performance.



Key Features:

- e300c4 Power Architecture core
- Display interface supporting WXGA / 720p, 24-bit color
- Dual 10/100 Ethernet media access controller (MAC)
- Dual USB 2.0 On-the-Go (OTG) controller
- Four CAN 2.0A/B modules
- 800 MIPS of performance at less than 1 watt
- Complimentary Freescale MQX™ software solutions
- Complimentary Linux BSP
- Chip ID and field programmable OTP
- Dual SD/SDIO expansion slots.

MPC5125 Block Diagram



Applications:

- Fieldbus to Ethernet Gateways
- Robotics
- Industrial Networking Gateways (routers) and converters
- High End Lighting Control
- Fire & Alarm Supervisory Controllers
- HVAC Central Management System
- Digital Signage
- Point of Sales Terminal
- Hospital Bed Control
- Smart Hospital and Tele-Health Gateways

Related Products Information:

Mfr Part #	Farnell #	Newark #	Description
MPC5125YVN400	1823926	69R7775	MPC5125 32-bit microprocessor--324PBGA