

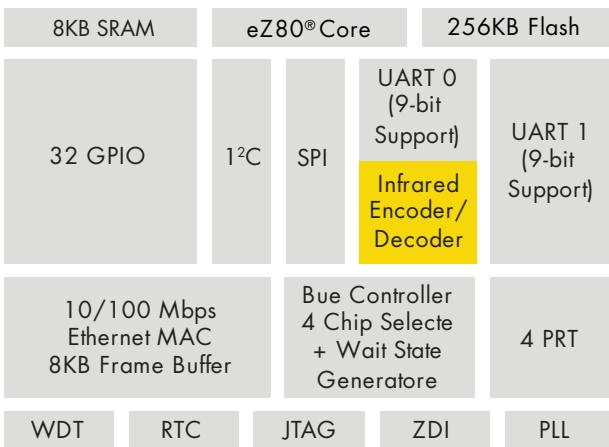


## “Processor of the Year” ZiLOG eZ80Acclaim!<sup>®</sup> Flattens 16-bit Competitors

Winner of the prestigious 2003 Electron D’Or Award for Processors from Electronique Magazine, the eZ80Acclaim!<sup>®</sup> once again demonstrates world-champion performance. It’s the industry’s most powerful 8-bit MCU, with a formidable 50 MHz single-cycle core and features that give you the power to innovate:

- Instruction execution using pipelined architecture streamlines processing
- An 8/16/24-bit register set provides flexibility
- A 24-bit address bus provides 16MB of linear address space
- 256KB of on-chip programmable flash memory reduces code development time, enables easy product upgrades, and speeds time-to-market
- Up to 16KB on-chip SRAM (8KB Frame Buffer + 8KB SRAM when not using EMAC)
- Built-in 10/100Base-T Ethernet MAC and ZiLOG’s comprehensive TCP/IP protocol means the eZ80Acclaim!<sup>®</sup> is ready for Internet connectivity.

### eZ80F91 Block Diagram



See for yourself how ZiLOG outperforms the competition:

No translation is needed here – you get a muscular 8-bit chip that has the throughput of a 16-bit at a lower system component cost. That’s a technical knock-out!

Put the world’s most powerful 8-bit MCU to work in your engineering team and watch your product design innovation catch fire!