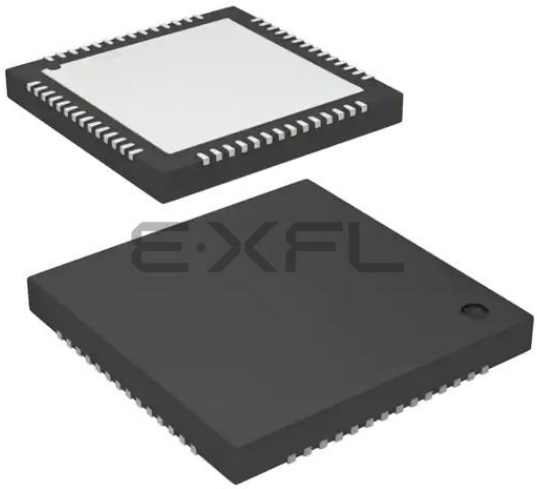

Welcome to E-XFL.COM

Embedded - Microcontrollers - Application Specific: Tailored Solutions for Precision and Performance

Embedded - Microcontrollers - Application Specific represents a category of microcontrollers designed with unique features and capabilities tailored to specific application needs. Unlike general-purpose microcontrollers, application-specific microcontrollers are optimized for particular tasks, offering enhanced performance, efficiency, and functionality to meet the demands of specialized applications.

What Are Embedded - Microcontrollers - Application Specific?

Application-specific microcontrollers are engineered to

Details	
Product Status	Obsolete
Applications	Intelligent LED Driver
Core Processor	M8C
Program Memory Type	FLASH (16KB)
Controller Series	CY8CLED
RAM Size	1K x 8
Interface	DALI, DMX512, I²C, IrDA, SPI, UART/USART
Number of I/O	14
Voltage - Supply	4.75V ~ 5.25V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	56-VFQFN Exposed Pad
Supplier Device Package	56-QFN (8x8)
Purchase URL	https://www.e-xfl.com/product-detail/infineon-technologies/cy8cled03d01-56ltxi

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3. Logic Block Diagrams

Figure 3-1. CY8CLED04D0x Logic Block Diagram

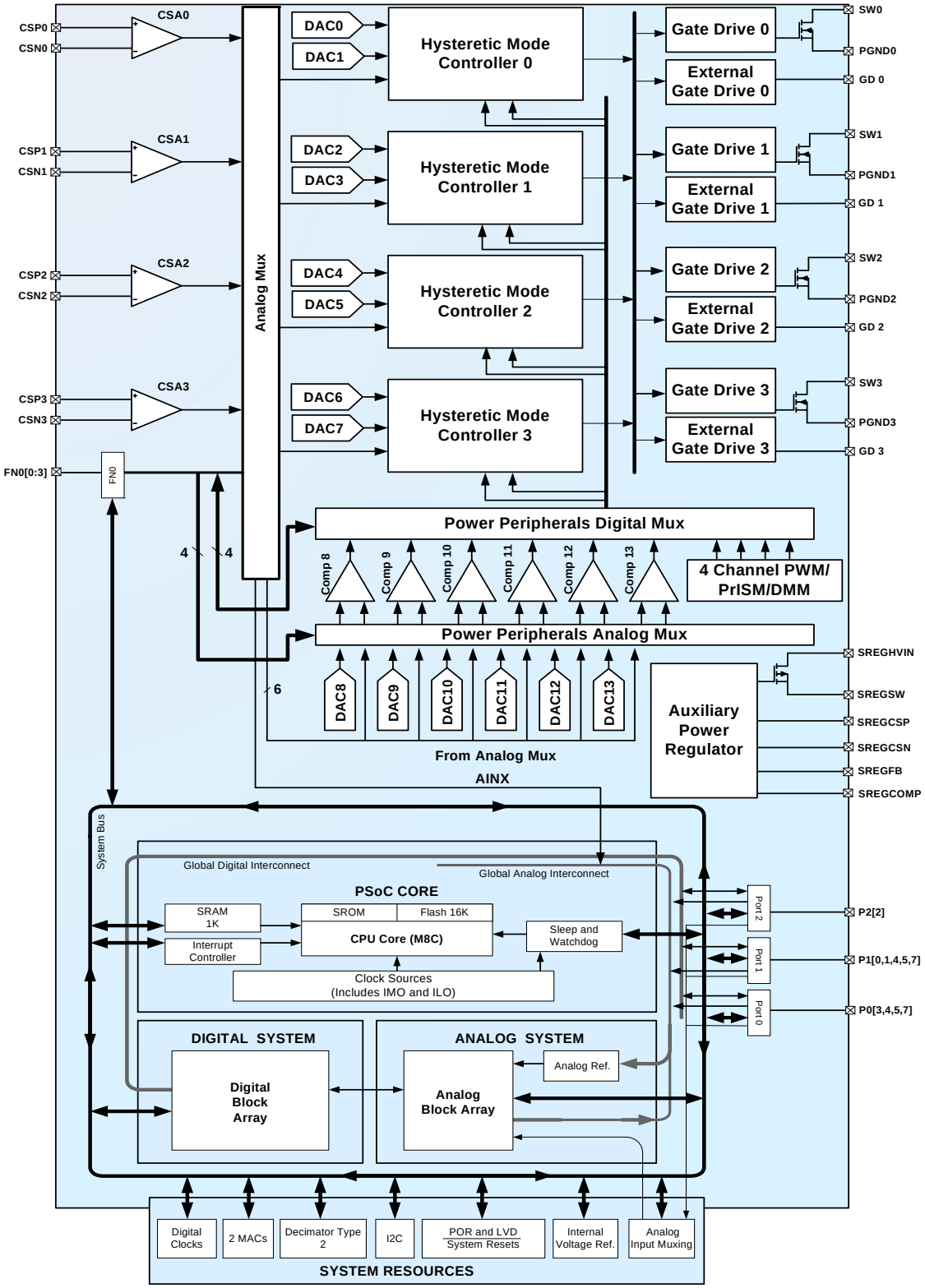

Figure 3-2. CY8CLED04G01 Logic Block Diagram

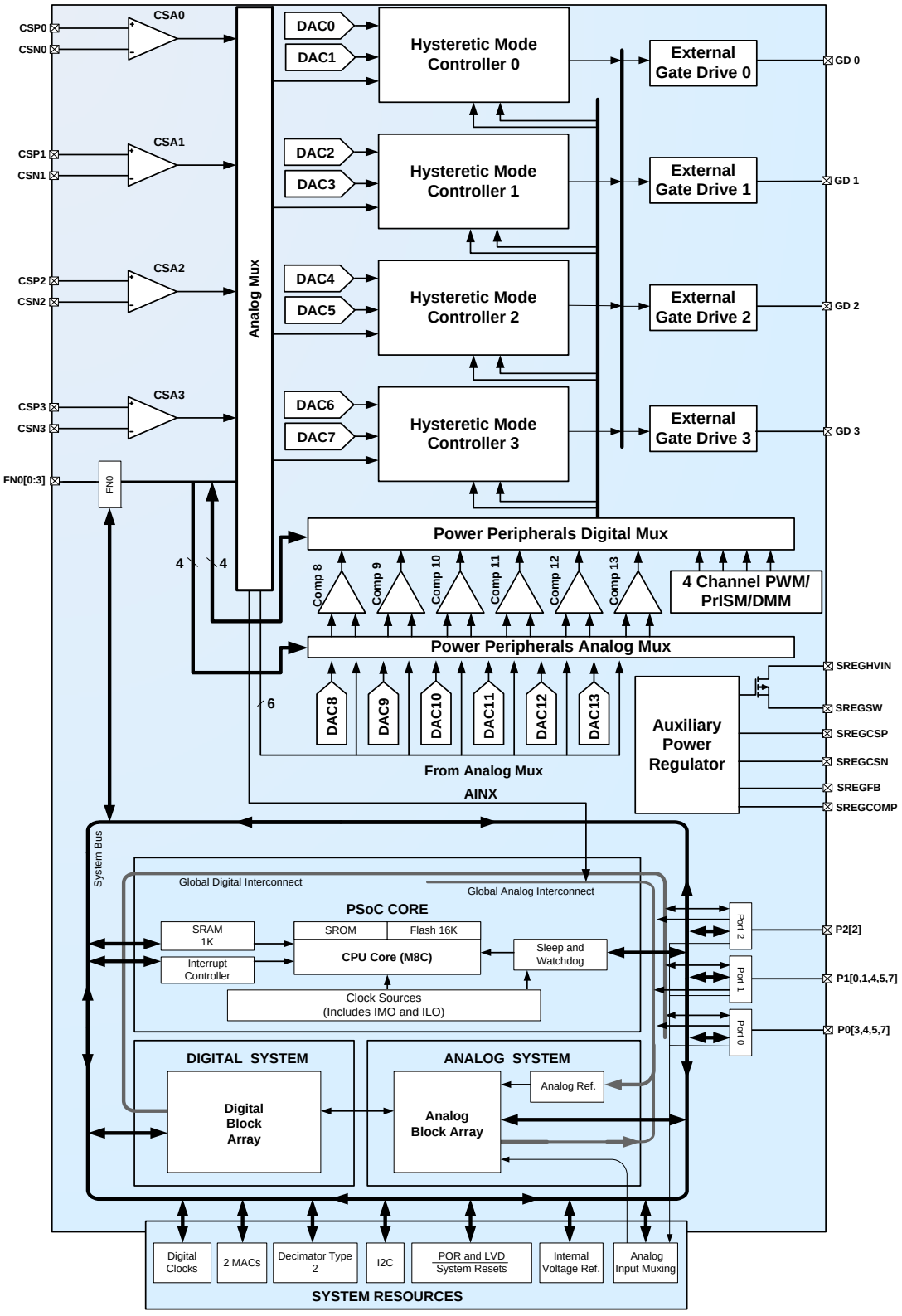

Figure 3-5. CY8CLED02D01 Logic Block Diagram

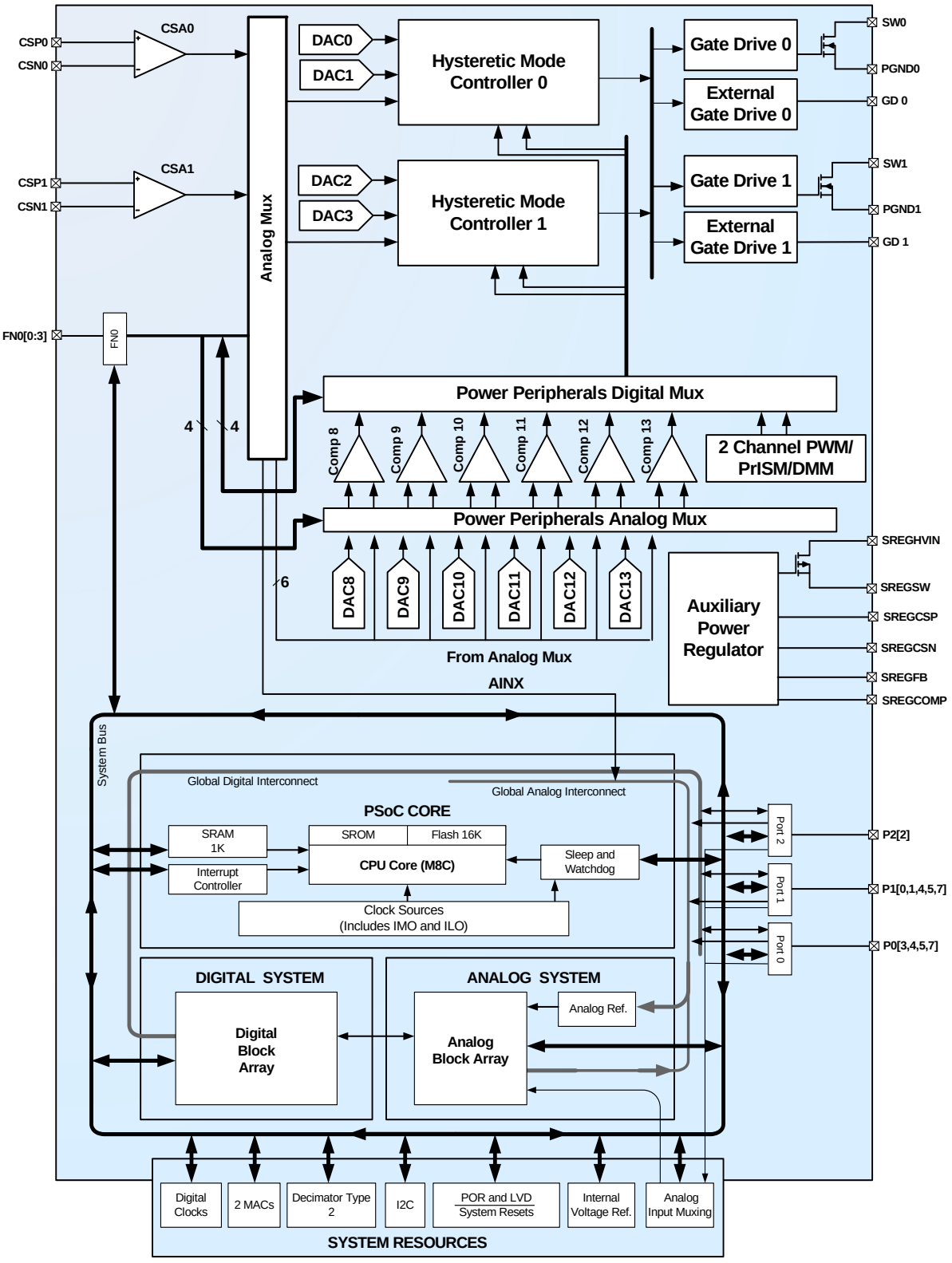
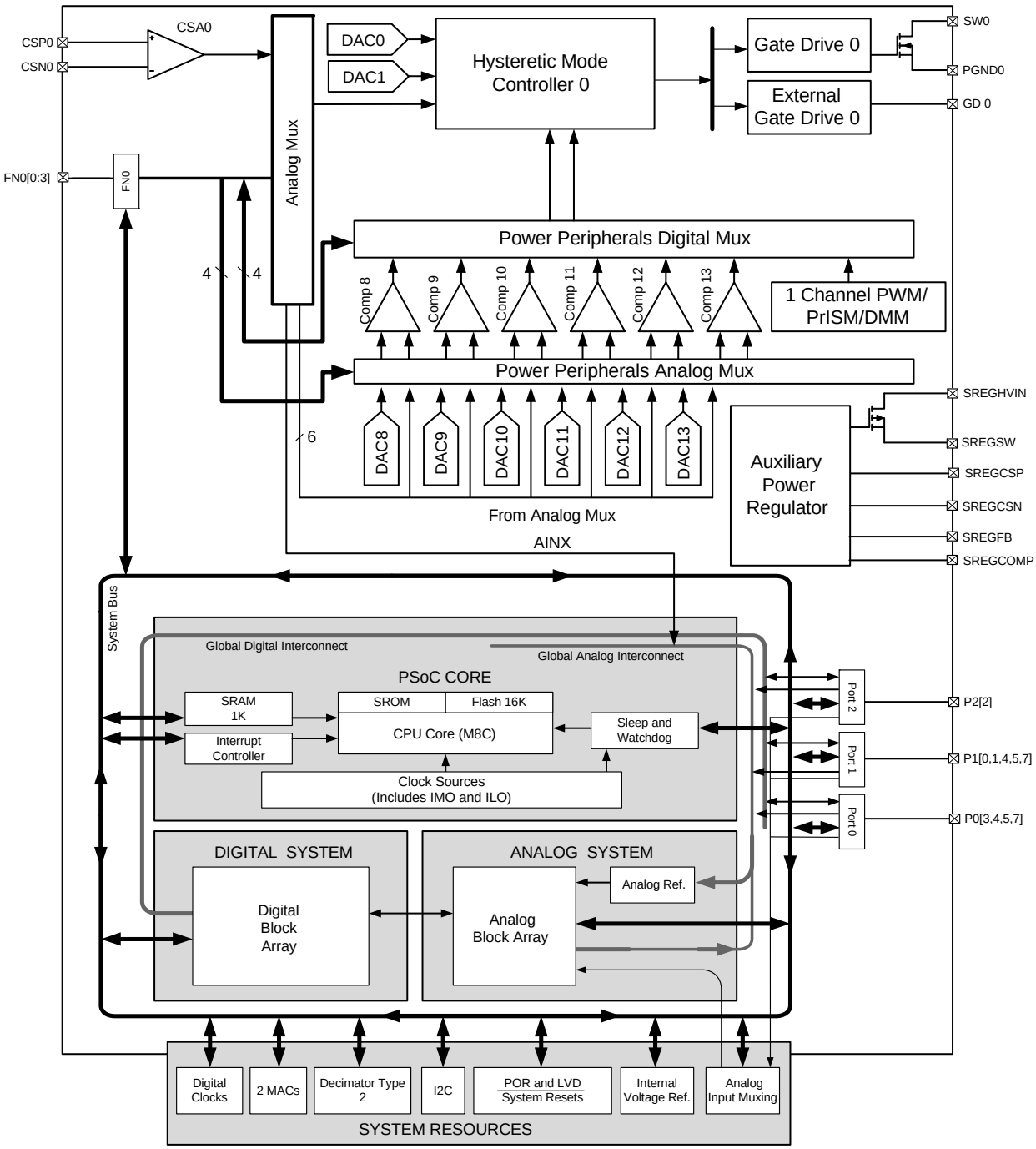
Figure 3-6. CY8CLED01D01 Logic Block Diagram