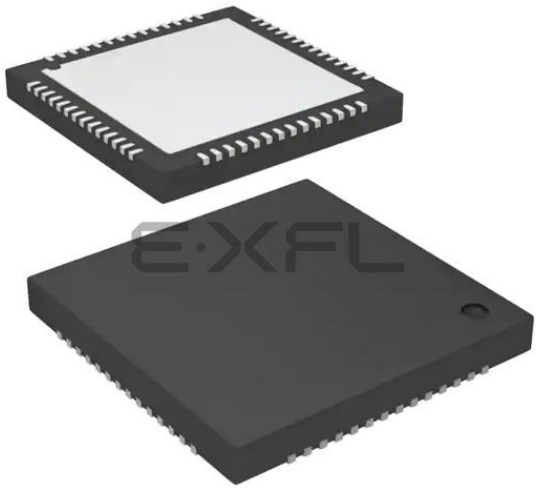

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Embedded - Microcontrollers - Application Specific: Tailored Solutions for Precision and Performance

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/cy8cled04g01-56ltxi

2. Contents

Logic Block Diagrams ... **3**
PowerPSoC Functional Overview ... **9**
Power Peripherals ... **9**
Hysteretic Controllers ... 9
Low Side N-Channel FETs ... 10
External Gate Drivers ... 10
Dimming Modulation Schemes ... 10
Current Sense Amplifier ... 10
Voltage Comparators ... 11
Reference DACs ... 11
Built-in Switching Regulator ... 11
Analog Multiplexer ... 11
Digital Multiplexer ... 12
Function Pins (FN0[0:3]) ... 12
PSoC Core ... **13**
Digital System ... 13
Analog System ... 13
Analog Multiplexer System ... 14
Additional System Resources ... 14
Applications ... **15**
PowerPSoC Device Characteristics ... **17**
Getting Started ... **18**
Application Notes ... 18
Development Kits ... 18
Training ... 18
CYPros Consultants ... 18
Technical Support ... 18
Development Tools ... **18**
PSoC Designer Software Subsystems ... 18
In-Circuit Emulator ... 19
Designing with User Modules ... **19**
Pin Information ... **20**
CY8CLED04D0x 56-Pin Part Pinout (without OCD) 20
CY8CLED04G01 56-Pin Part Pinout (without OCD) 21
CY8CLED04DOCD1 56-Pin Part Pinout (with OCD) 22
CY8CLED03D0x 56-Pin Part Pinout (without OCD) 23
CY8CLED03G01 56-Pin Part Pinout (without OCD) 24
CY8CLED02D01 56-Pin Part Pinout (without OCD) 25
CY8CLED01D01 56-Pin Part Pinout (without OCD) 26
Register General Conventions ... **27**
Abbreviations Used ... 27
Register Naming Conventions ... 27
Register Mapping Tables ... 27
Register Map Bank 0 Table ... 28
Register Map Bank 1 Table: User Space ... 29
Electrical Specifications ... **30**
Absolute Maximum Ratings ... 30
Operating Temperature ... 31
Electrical Characteristics ... **31**
System Level ... 31
Chip Level ... 31
Power Peripheral Low Side N-Channel FET ... 33
Power Peripheral External Power FET Driver ... 34
Power Peripheral Hysteretic Controller ... 34
Power Peripheral Comparator ... 35
Power Peripheral Current Sense Amplifier ... 37
Power Peripheral PWM/PrISM/DMM Specification Table ... 38
Power Peripheral Reference DAC Specification ... 39
Power Peripheral Built-in Switching Regulator ... 39
General Purpose I/O / Function Pin I/O ... 42
PSoC Core Operational Amplifier Specifications ... 43
PSoC Core Low Power Comparator ... 44
PSoC Core Analog Output Buffer ... 45
PSoC Core Analog Reference ... 47
PSoC Core Analog Block ... 47
PSoC Core POR and LVD ... 48
PSoC Core Programming Specifications ... 48
PSoC Core Digital Block Specifications ... 49
PSoC Core I2C Specifications ... 50
Ordering Information ... **51**
Ordering Code Definitions ... 51
Packaging Information ... **52**
Packaging Dimensions ... 52
Thermal Impedance ... 52
Solder Reflow Peak Temperature ... 52
Acronyms ... **53**
Document Conventions ... **53**
Units of Measure ... 53
Document History Page ... **55**
Sales, Solutions, and Legal Information ... **56**
Worldwide Sales and Design Support ... 56
Products ... 56
PSoC® Solutions ... 56
Cypress Developer Community ... 56
Technical Support ... 56
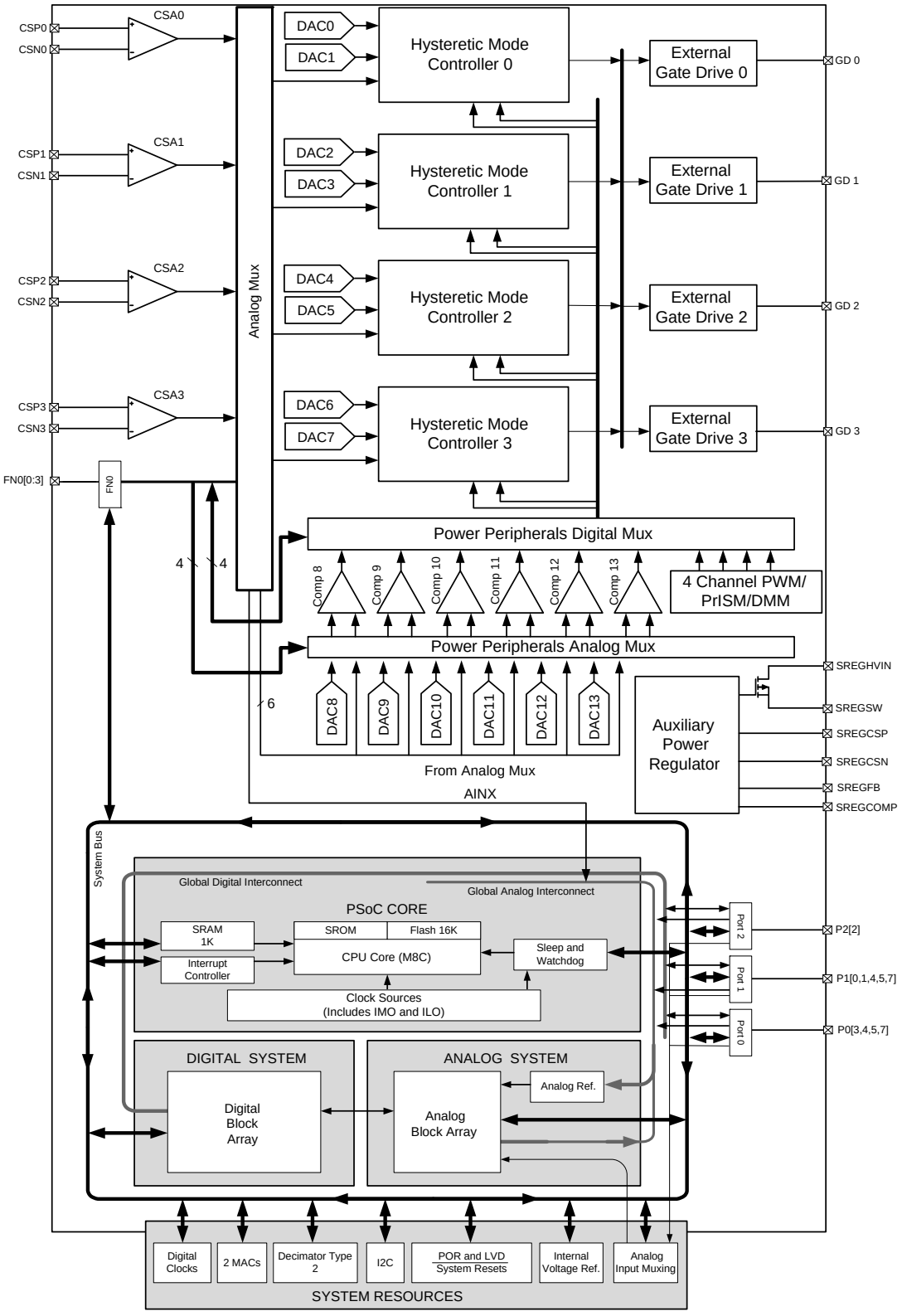
Figure 3-2. CY8CLED04G01 Logic Block Diagram