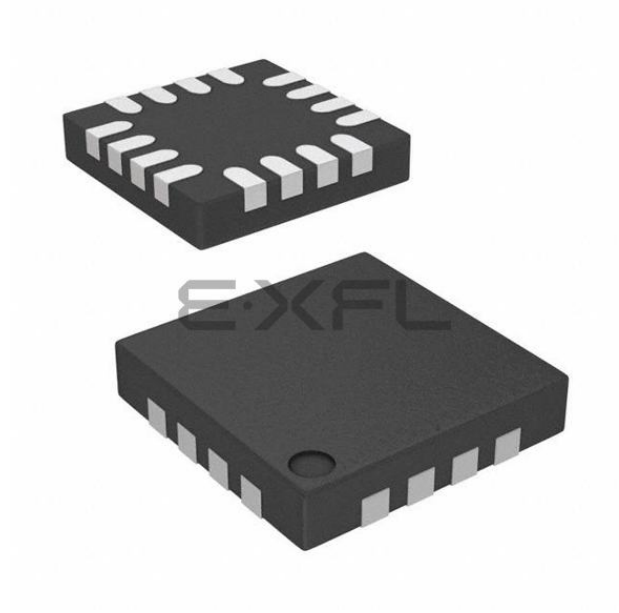

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Embedded - Microcontrollers - Application Specific: Tailored Solutions for Precision and Performance

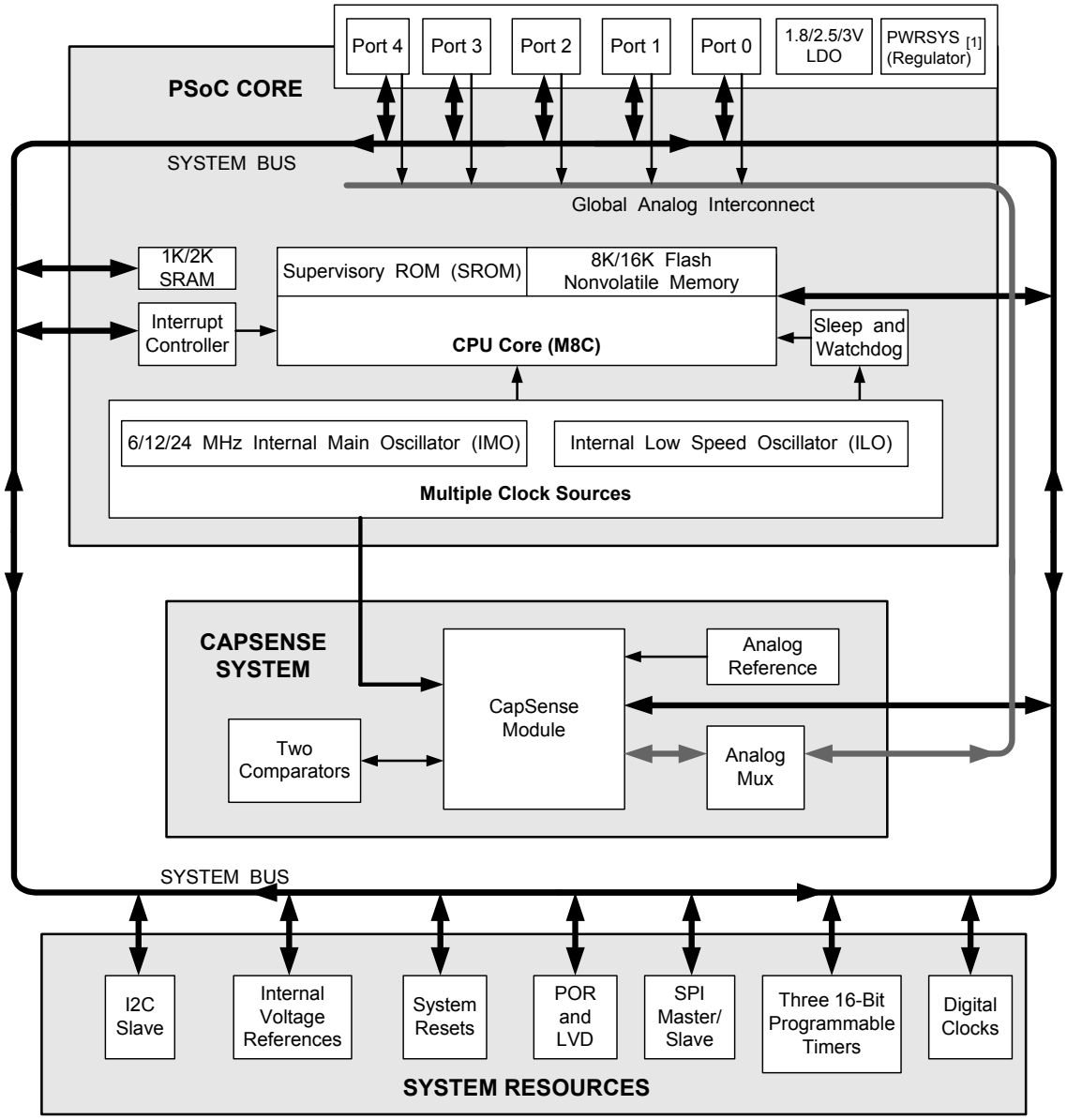
Embedded - Microcontrollers - Application Specific represents a category of microcontrollers designed with unique features and capabilities tailored to specific application needs. Unlike general-purpose microcontrollers, application-specific microcontrollers are optimized for particular tasks, offering 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	Active
Applications	Capacitive Sensing
Core Processor	M8C
Program Memory Type	FLASH (8kB)
Controller Series	CY8C20xx6A
RAM Size	1K x 8
Interface	I²C, SPI
Number of I/O	13
Voltage - Supply	1.71V ~ 5.5V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	16-UFQFN
Supplier Device Package	16-QFN (3x3)
Purchase URL	https://www.e-xfl.com/product-detail/infineon-technologies/cy8c20236a-24lkxit

Logic Block Diagram



Note
1. Internal voltage regulator for internal circuitry

Contents

PSoC® Functional Overview 4
PSoC Core 4
CapSense System 4
Haptics TS2000 Controller 4
Additional System Resources 5
Getting Started 5
Application Notes 5
Development Kits 5
Training 5
CYPros Consultants 5
Solutions Library 5
Technical Support 5
Development Tools 6
PSoC Designer Software Subsystems 6
Designing with PSoC Designer 7
Select User Modules 7
Configure User Modules 7
Organize and Connect 7
Generate, Verify, and Debug 7
Pinouts 8
24-Pin QFN 8
32-Pin QFN 9
48-Pin QFN OCD 10
Electrical Specifications 11
Absolute Maximum Ratings 11
Operating Temperature 11
DC Chip-Level Specifications 12
DC General Purpose I/O Specifications 13
DC Analog Mux Bus Specifications 15
DC Low Power Comparator Specifications 15
Comparator User Module Electrical Specifications 16
ADC Electrical Specifications 16
DC POR and LVD Specifications 17
DC Programming Specifications 17
AC Chip-Level Specifications 18
AC General Purpose I/O Specifications 19
AC Comparator Specifications 20
AC External Clock Specifications 20
AC Programming Specifications 21
AC I2C Specifications 22
Packaging Information 26
Thermal Impedances 28
Capacitance on Crystal Pins 28
Solder Reflow Peak Temperature 28
Development Tool Selection 29
Software 29
Development Kits 29
Evaluation Tools 29
Device Programmers 30
Accessories (Emulation and Programming) 30
Third Party Tools 30
Build a PSoC Emulator into Your Board 30
Ordering Information 31
Ordering Code Definitions 31
Document Conventions 32
Acronyms Used 32
Units of Measure 32
Numeric Naming 32
Glossary 33
Reference Documents 33
Document History Page 34
Sales, Solutions, and Legal Information 35
Worldwide Sales and Design Support 35
Products 35
PSoC Solutions 35