



CYPRESS[®]
EMBEDDED IN TOMORROW™

Cypress Roadmap: Specialty Memory

Q3 2017



Specialty Memory

Intelligent Memory | High Density | High Throughput

Density	Dual-Port SRAM		FIFO	
	Asynchronous	Synchronous	Asynchronous	Synchronous
2Mb-72Mb		<p>CYD02/9/18/36SxxV18 2Mb, 9Mb, 18Mb, 36Mb; 1.8 V 167 MHz, 200 MHz x18, x36, x72; Ind</p> <p>CY7C083x/5x 2Mb, 4Mb, 9Mb, 18Mb; 3.3 V 100 MHz, 133 MHz, 167 MHz x18, x36, x72; Ind</p>		<p>CYFB0072V¹ 72Mb; 1.8, 3.3 V 133 MHz x36; Ind</p> <p>CYFX18V/36V/72V 18Mb, 36Mb, 72Mb; 1.8, 3.3 V 100 MHz, 133 MHz x9 to x36 Prog²; Ind</p>
128Kb-1Mb	<p>CY7C02x/3x/5x 512Kb, 1Mb; 3.3, 5.0 V 12 ns, 15 ns, 20 ns, 25 ns x8, x16, x18, x36; Ind³</p> <p>CY7C006/025/026 128Kb, 256Kb; 3.3, 5.0 V 15 ns, 20 ns, 25 ns, 55 ns x8, x16, x18; Ind</p>	<p>CY7C09279/289/389/579 512Kb, 1Mb; 3.3 V 7, 9, 12 ns; 83 MHz, 100 MHz x8, x16, x18, x36; Ind</p> <p>CY7C09269/369 256Kb; 3.3 V 9 ns, 12 ns x16, x18; Ind</p>		<p>CY7C4275/81/85/91 512Kb, 1Mb; 3.3 V 67 MHz, 100 MHz x9, x18; Ind</p> <p>CY7C4255/61/65/71 128Kb, 256Kb; 3.3, 5.0 V 67 MHz, 100 MHz x9, x18; Ind</p>
2Kb-64Kb	<p>CY7C024/144 64Kb; 3.3, 5.0 V 15 ns, 20 ns, 25 ns, 55 ns x8, x16, x18; Ind</p> <p>CY7C13x 8Kb, 16Kb, 32Kb; 5.0 V 15 ns, 25 ns, 55 ns x8; Ind</p>	<p>CY7C09159/349 64Kb; 3.3 V 9 ns, 12 ns x9, x18; Comm⁴</p>	<p>CY7C421 4Kb; 5.0 V 15 ns, 20 ns x9; Ind</p>	<p>CY7C4201/11 2Kb, 4Kb; 3.3 V 67 MHz x9; Ind</p>

¹ Video Frame Buffer products

³ Industrial grade -40°C to +85°C

² Programmable Bus Width

⁴ Commercial grade 0°C to +85°C

Status Availability

Concept

Development

Sampling QQYY

Production QQYY



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