



*Innovate
the Future of Security*

SAMSUNG Semiconductor Business

SMART CARD IC



Innovate the Future of Security

Smart Card IC

Samsung, one of the top suppliers of semiconductor, concentrates its resources on Smart Card IC industry.

In line with its corporate philosophy, Samsung Smart Card Team is seeking to satisfy customers' needs.

Also, it is achieving the goal by providing products lined up for diverse applications and developing advanced products in terms of security and technology.

Samsung instills into its products, its dream of making the future more secure and effective.

Samsung Smart Card Product Guide

Contact	8-bit CPU	— 47 KB ROM	— 1.2 KB RAM, 16 KB EEPROM	: S3C89D5	
	16-bit CPU	— 96 KB ROM	— 2 KB RAM, 4 KB EEPROM	: S3CC9E4	
		— 96 KB ROM	— 2 KB RAM, 8 KB EEPROM	: S3CC9E8	
		— 128 KB ROM	— 4 KB RAM, 32 KB EEPROM	: S3CC9N9	
		— 128 KB ROM	— 4 KB RAM, 32 KB EEPROM	: S3CC929(*)	
		— 128 KB ROM	— 4 KB RAM, 64 KB EEPROM	: S3CC9NB	
		— 128 KB ROM	— 4 KB RAM, 64 KB EEPROM	: S3CC92B(*)	
		— 160 KB ROM	— 6 KB RAM, 16 KB EEPROM	: S3CC915(*)	
		— 160 KB ROM	— 6 KB RAM, 32 KB EEPROM	: S3CC9P9	
		— 160 KB ROM	— 6 KB RAM, 64 KB EEPROM	: S3CC9PB	
		— 256 KB ROM	— 6 KB RAM, 36 KB EEPROM	: S3CC9DA	
		— 320 KB ROM	— 6 KB RAM, 64 KB EEPROM	: S3CC9FB	
		— 320 KB ROM	— 6 KB RAM, 64 KB EEPROM	: S3CC9RB	
		— 384 KB ROM	— 8 KB RAM, 36 KB EEPROM	: S3CC9NA	
		— 384 KB ROM	— 8 KB RAM, 64 KB EEPROM	: S3CC9EB	
		— 384 KB ROM	— 8 KB RAM, 72 KB EEPROM	: S3CC9NC	
		— 384 KB ROM	— 8 KB RAM, 72 KB EEPROM	: S3CC92C(*)	
		— 384 KB ROM	— 10 KB RAM, 72 KB EEPROM	: S3CC9TC	
		— 384 KB ROM	— 10 KB RAM, 72 KB EEPROM	: S3CC91C(*)	
		— 384 KB ROM	— 8 KB RAM, 128 KB EEPROM	: S3CC9ED	
		— 384 KB ROM	— 8 KB RAM, 144 KB EEPROM	: S3CC9NW	
		— 384 KB ROM	— 8 KB RAM, 144 KB EEPROM	: S3CC92W(*)	
		— 384 KB ROM	— 8 KB RAM, 256 KB EEPROM	: S3CC9EF	
		— 384 KB ROM	— 8 KB RAM, 256 KB EEPROM	: S3CC95F(*)	
		— 384 KB ROM	— 10 KB RAM, 144 KB EEPROM	: S3CC9TW	
		— 384 KB ROM	— 10 KB RAM, 256 KB EEPROM	: S3CC9TF	
		— 384 KB ROM	— 10 KB RAM, 512 KB EEPROM	: S3CC91H	
		— 8 KB ROM	— 2 KB RAM, 96 KB Flash	: S3FC9DC	
	— 8 KB ROM	— 6 KB RAM, 256 KB Flash	: S3FC9DF		
	32-bit CPU	— 160 KB ROM	— 6.5 KB RAM, 64 KB EEPROM	: S3CS9PB	
		— 256 KB ROM	— 6.5 KB RAM, 64 KB EEPROM	: S3CS9SB	
		— 256 KB ROM	— 10 KB RAM, 128 KB EEPROM	: S3CJ9QD	
		— 8 KB ROM	— 8 KB RAM, 256KB Program/ 64KB Data Flash	: S3FS9QB	
— 32 KB ROM		— 8 KB RAM, 320 KB Flash	: S3FS9DG		
— 32 KB ROM		— 10 KB RAM, 256KB Program/ 128KB Data Flash	: S3FS9SD		
— 32 KB ROM		— 10 KB RAM, 256KB Program/ 256KB Data Flash	: S3FS9SH		
— 32 KB ROM		— 16 KB RAM, 1MB Flash	: S3FJ9SK		
— 32 KB ROM		— 16 KB RAM, 512KB Flash	: S3FS9TH(*)		
— 32 KB ROM		— 16 KB RAM, 2 MB Flash	: S3FJ91L		
Contact/USB		— 32 KB ROM	— 8 KB RAM, 128KB Program/ 64KB Data Flash	: S3FC9UB	
Dual Interface		8-bit CPU	— 47 KB ROM	— 1.2 KB RAM, 4 KB EEPROM	: S3C89W4
			— 47 KB ROM	— 1.2 KB RAM, 8 KB EEPROM	: S3C89V8
	— 47 KB ROM		— 1.2 KB RAM, 16 KB EEPROM	: S3C89V5	
	16-bit CPU	— 96 KB ROM	— 2 KB RAM, 4 KB EEPROM	: S3CC9G4	
		— 128 KB ROM	— 6 KB RAM, 10 KB EEPROM	: S3CC9G8	
		— 128 KB ROM	— 6 KB RAM, 32 KB EEPROM	: S3CC9W9	
		— 256 KB ROM	— 8 KB RAM, 72KB EEPROM	: S3CC9GC	
		— 384 KB ROM	— 8 KB RAM, 144KB EEPROM	: S3CC9GW	
		RFID	— 1 kbits EEPROM, 13.56MHz	— 13.56MHz, 1 kbits EEPROM	: S3CA9A1
			— 256 bits EEPROM, 900MHz	— 900MHz, 256 bits EEPROM	: S3CA9G1

Notes
*: Under development

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*The appearance and specifications about the products is subject to change for improvement without a notice.

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