



中微半导

以科技至美好

股票简称：中微半导
股票代码：688 380

中微半导体(深圳)股份有限公司
China Micro Semicon Co.,Limited

www.mcu.com.cn

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产品选型手册 **V2.0**

公司概况

中微半导体(深圳)股份有限公司(688380.SH)成立于2001年,是一家以MCU为核心的平台型芯片设计公司,专注于数模混合信号芯片、模拟芯片的研发、设计与销售。主要产品包括8位及32位MCU、SoC、ASIC及功率器件等,广泛应用于家用电器、消费电子、工业控制(含无刷电机控制)和汽车电子等领域。

2001

创建于深圳

平台型

芯片设计公司

350+

现有员工人数

50%+

科研人员占比



使命

让行业更简单, 让用户更放心

愿景







成为全球MCU领先者

价值观









以客户为中心, 以贡献者为本
做有价值的创新, 开放担当, 追求卓越



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Part No.	Core	Freq (MHz)	Min Voltage (V)	Max Voltage (V)	Code Flash	SRAM (B)	Data Flash (B)	GPIO	ADC		COMP	OPA	Timer	LSE Timer	WDT	PWM	UART	SPI	IIC	LED	LCD	Touch	HW MUL	HW DIV	PACKAGE
									Bit	Channel															
CMS79FT61x		16	2.0	5.5	2K*16b	256	128	18	12	18	-	-	3	-	1	5	1	-	-	Y	-	8	-	-	SOP8 SOP16 SOP20
CMS79FT72xB		32	2.5	5.5	4K*16b	344	128	26	12	26	-	-	3	-	1	5	1	1	1	Y	-	26	-	-	SOP16 SOP20 SOP28
CMS79FT73xB		32	2.5	5.5	8K*16b	256+400	256	26	12	26	-	-	3	-	1	5	2	1	1	Y	-	26	-	-	SOP16 SOP20 SOP28
CMS80F731x		48	2.1	5.5	16KB	1.25K	1K	26	12	26	-	-	5	Y	1	6	2	1	1	Y	-	26	-	-	SOP20 TSSOP20 SOP28 SSOP28
CMS80F751x		48	2.1	5.5	32KB	2.25K	1K	30	12	30	2	2	5	Y	1	6	2	1	1	Y	Y	30	Y	Y	SOP28 LQFP32
CMS80F761x		48	2.1	5.5	64KB	4.25K	1K	46	12	46	-	-	5	Y	1	6	3	1	1	Y	Y	46	-	-	SOP28 LQFP32 LQFP44 LQFP48

家电产品线 AD通用系列

Part No.	Core	Freq (MHz)	Min Voltage (V)	Max Voltage (V)	Code Flash	SRAM (B)	Data Flash (B)	GPIO	DMA	ADC		COMP	OPA	Timer	LSE Timer	WDT	PWM	UART	SPI	IIC	LED	LCD	HW MUL	HW DIV	PACKAGE
										Bit	Channel														
CMS79F11x		16	1.8	5.5	2K*16b	256	128	18	-	12	18	-	-	3	Y	1	5	1	-	-	-	-	-	-	SOP8 SOP14 SOP16 SOP20
CMS79F123		16	1.8	5.5	4K*16b	344	128	14	-	12	13	-	2	3	-	1	5	1	-	-	-	-	-	Y	SOP16
CMS79F13x		16	2.0	5.5	8K*16b	344	128	18	-	12	18	-	-	3	Y	1	5	2	-	-	-	-	-	-	SOP16 SOP20
CMS80F231x		48	2.1	5.5	16KB	1.25K	1K	18	-	12	18	2	2	5	Y	1	6	2	1	1	-	-	-	-	SOP16 SOP20
CMS80F253x		48	2.1	5.5	32KB	2.25K	1K	30	-	12	30	-	-	5	Y	1	6	2	1	1	Y	-	-	-	SOP28 LQFP32
CMS80F262x		48	2.1	5.5	64KB	4.25K	1K	46	-	12	23	2	-	5	Y	1	6	4	1	1	Y	Y	Y	Y	SOP28 LQFP32 LQFP44 LQFP48
BAT32G137-A		48	2.0	5.5	128KB	12K	1.5K	58	40	12	16	2	2	9	Y	1	4+6	3	6	6+1	-	-	Y	Y	LQFP32 LQFP44 LQFP64
BAT32G139		64	1.8	5.5	256KB	32K	2.5K	75	40	12	21	2	2	17	Y	1	17	4	8	8+2	-	-	Y	Y	LQFP48 LQFP64 LQFP80

Part No.	Core	Freq (MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(b)	SRAM(B)	Data Flash(B)	GPIO	ADC		LDO	COMP	PGA	Timer	PWM	UART	SPI	IIC	PACKAGE
									Bit	Channel									
CMS79F53x		32	3.0	5.5	8K*16	336	128	17	12	17	-	8	1	3	3	1	1	1	SOP16 SOP20
CMS79F53x5 含LDO+IGBT驱动		32	3.0	5.5	8K*16	336	128	15	12	15	5V@100mA	8	3	3	3	1	1	1	SOP16 SOP20

Part No.	Core	Freq (MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(b)	SRAM(B)	Data Flash(B)	GPIO	ADC		COMP	OPA	Timer	PWM	UART	SPI	IIC	Touch	PACKAGE
									Bit	Channel									
CMS79F51xx		16	1.8	5.5	4K*16	344	32	14	12	13	-	2	3	5	1	-	-	12	SOP8 SOP16

Part No.	VDD(V)	Mode of comm	COMnx SEGn (Cathode common to ground)	COMnx SEGn (Anode common to power)	Key	PACKAGE
CMS1628	4.5-5.5	SPI	10x7-13x4	7x10	10x2	SOP28
CMS1668	4.5-5.5	SPI	10x7-13x4	7x10	10x2	SOP24
CMS1640	4.5-5.5	IIC Equivalen	8x16	16x8	-	SOP28
CMS1641	4.5-5.5	IIC Equivalen	8x8	8x8	-	SOP20
CMS1650S	2.8-5.5	IIC	8x4-7x4	-	7x4	SOP16








通用产品线 32位超低功耗系列








Part No.	Core	Freq(MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(B)	SRAM(B)	Data Flash(B)	GPIO	DMA	ADC				DAC		COMP	OPA	PGA	Timer	RTC	PWM	UART	SPI	IIC	CAN 2.0B	LIN	USB 2.0 OTG	TFT LCD	Seg-LCD	I2S	QSPI	HW DIV	PACKAGE	
										Bit	Msp/s	Unit	Channel	Bit	Unit																			
BAT32G113	MO+	64	2.0	5.5	32K	4K	-	29	40	12	1.42	1	10	12	2	2	-	1	9	-	10	2	2+1	2+1	-	1	-	-	-	-	-	-	Y	QFN24 QFN32
BAT32G133	MO+	64	2.0	5.5	32K	4K	1.5K	22	24	12	1.42	1	15	-	-	2	-	2	8	1	6	3	6	1	-	1	-	-	-	-	-	-	-	TSSOP20 SSOP24 QFN20 QFN24
BAT32G135	MO+	64	1.8	5.5	64K	8K	1.5K	45	24	12	1.42	1	35	-	-	2	-	2	8	1	6	3	1+5	1+5	-	1	-	-	-	-	-	-	-	QFN32 QFN40 LQFP32 LQFP48
BAT32G127	MO+	32	1.8	5.5	128K	8K	2.5K	60	24	12	0.71	1	26	8	1	2	1	-	9	1	7	3	6+1	6+1	-	1	-	-	Y	-	-	-	-	QFN40 LQFP48 LQFP64
BAT32G137	MO+	48	2.0	5.5	128K	12K	1.5K	59	37	12	1.06	1	16	8	2	2	-	2	9	1	10	3	6	6+1	1	1	-	-	-	-	-	-	Y	LQFP32 LQFP44 LQFP64
BAT32G139	MO+	64	1.8	5.5	256K	32K	2.5K	75	37	12	1.42	1	21	8	2	2	-	2	17	1	17	4	8	8+2	2	1	-	-	-	-	-	-	Y	LQFP48 LQFP64 LQFP80
BAT32G157	MO+	64	1.8	5.5	256K	32K	2.5K	58	40	12	1.42	1	33	8	-	2	-	1	12	1	10	3	3+2	3+2	-	1	1	Y	-	1	1	Y	LQFP48 LQFP64	
BAT32G179	MO+	64	1.8	5.5	512K	64K	20K	93	40	12	1.42	1	28	8	2	2	-	2	23	1	17	4	8+2	8+2	3	1	-	Y	-	-	1	Y	LQFP64 LQFP80 LQFP100	

Part No.	Core	Freq(MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(B)	SRAM(B)	Data Flash(B)	GPIO	DMA	ADC				COMP	OPA	PGA	Timer	RTC	WDT	PWM	UART	SPI	IIC	CAN	HW/MUL	HW/DIV	PACKAGE
										Bit	Msp/s	Unit	Channel														
CMS32F030	MO	48	2.1	5.5	32K	4K	-	30	-	12	-	1	15	-	-	-	2	-	2	6	2	1	1	-	Y	-	TSSOP20 LQFP32 QFN32
CMS32F033	MO	64	2.1	5.5	32K	8K	1K	30	-	12	1.2	1	30	2	2	2	2	-	2	6	2	1	1	-	Y	-	QFN32
CMS32F035	MO	64	2.1	5.5	64K	8K	1K	46	-	12	1.2/0.1	2	20	2	2	2	4	-	2	4	2	1	1	-	Y	Y	LQFP48
CMS32L032	MO+	64	1.8	5.5	64K	4K	1K	22	-	12	0.5	1	20	-	-	-	8	1	1	6	2	1	1	-	Y	-	TSSOP20 SSOP24 QFN20 QFN24
CMS32F0301	MO+	64	2.1	5.5	64K	8K	1K	29	-	12	1.2	1	29	2	-	-	4	-	2	6	2	1	1	-	Y	Y	LQFP32 QFN32
CMS32F0332	MO+	64	2.1	5.5	64K	8K	1K	30	-	12	1.2/0.38	2	30	2	2	2	4	-	2	6	2	1	1	-	Y	Y	QFN32
CMS32L051	MO+	64	1.8	5.5	64K	8K	1.5K	45	24	12	0.5	1	35	-	-	-	8	1	1	6	3	1+6	1+6	-	Y	-	QFN32 QFN40 LQFP32 LQFP48

* GPIO、ADC、COMP、OPA、PGA、UART、SPI、IIC的资源数量对应为该型号的最大封装

Part No.	Core	Freq(MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(B)	SRAM(B)	Data Flash(B)	GPIO	ADC			COMP	OPA	PGA	Timer	LSE Timer	WDT	PWM	UART	SPI	IIC	LCD	LED	PACKAGE
									Bit	Ksps	Channel													
CMS8S5880	8051	24	2.1	4.5	16K	0.75K	1K	18	12	100	18	-	-	-	5	-	1	6	2	1	1	-	-	TSSOP20 QFN20
CMS8S6990	8051	48	2.1	5.5	16K	1.25K	1K	22	12	100	22	2	2	1	5	1	1	6	2	1	1	-	-	TSSOP20 SSOP24 QFN20 QFN24
CMS8S7885	8051	48	2.1	5.5	16K	1.25K	1K	22	12	100	22	2	-	-	5	1	1	4	1	1	1	Y	Y	SSOP24
CMS8S7895	8051	48	2.1	5.5	16K	1.25K	1K	26	12	100	26	2	-	-	5	1	1	4	1	1	1	Y	Y	SSOP28
CMS8S5887	8051	48	2.1	5.5	32K	2.25K	1K	18	12	100	18	-	-	-	5	1	1	6	2	1	1	-	-	TSSOP20 QFN20
CMS8S5889	8051	48	2.1	5.5	32K	2.25K	1K	30	12	100	30	-	-	-	5	1	1	6	2	1	1	-	-	QFN32
CMS8S006	8051	48	2.1	5.5	32K	2.25K	1K	30	12	320	30	2	2	1	5	1	2	6	2	1	1	-	-	TSSOP20 SSOP24 LQFP32 QFN24 QFN32
CMS8S5897	8051	48	2.1	5.5	64K	4.25K	4K	18	12	320	18	-	-	-	5	1	2	6	2	1	1	-	-	TSSOP20 QFN20
CMS8S5898	8051	48	2.1	5.5	64K	4.25K	4K	22	12	320	22	-	-	-	5	1	2	6	2	1	1	-	-	SSOP24
CMS8S5899	8051	48	2.1	5.5	64K	4.25K	4K	30	12	320	30	-	-	-	5	1	2	6	2	1	1	-	-	LQFP32 QFN32

Part No.	Core	Freq(MHz)	Min Voltage(V)	Voltage(V)	Code Flash(b)	SRAM(B)	EEPROM(B)	GPIO	ADC			COMP	OPA	Timer	PWM	UART	IIC	SPI	LCD 1/2Bias	LCD 1/3Bias	Touch CAP	PACKAGE
									Bit	Ksps	Channel											
SC8P052		16M	1.8	5.5	1K*14	64	-	5+1	-	-	-	1	-	1	3	-	-	-	-	-	-	SOT23-6 SOP8
SC8P053		16M	1.8	5.5	1K*16	64	-	11+1	-	-	-	1	-	2	5	-	-	-	-	-	-	SOP14
SC8P054		16M	1.8	5.5	2K*16	128	-	13+1	-	-	-	1	-	2	5	-	-	-	-	-	-	SOP8 SOP14 SOP16
SC8P062B		16M	1.8	5.5	2K*16	176	-	14	12	-	13	1	-	2	5	-	-	-	-	-	-	SOT23-6 SOP8 SOP14 SOP16 QFN16
SC8F052		16M	1.8	5.5	1K*14	64	128	6	-	-	-	1	-	2	3	-	-	-	-	-	-	SOT23-6 SOP8
SC8F054		16M	1.8	5.5	2K*16	176	128	14	-	-	-	1	-	2	5	-	-	-	-	-	-	SOP8 SOP14 SOP16
SC8F072		16M	1.8	5.5	2K*16	176	128	14	12	-	14	1	-	2	5	-	-	-	-	-	-	SOP8 SOP16 QFN16

Part No.	Core	Freq(MHz)	Min Voltage(V)	Voltage(V)	Code Flash(b)	SRAM(B)	EEPROM(B)	GPIO	ADC			COMP	OPA	Timer	PWM	UART	IIC	SPI	LCD 1/2Bias	LCD 1/3Bias	Touch CAP	PACKAGE
									Bit	Ksps	Channel											
SC8F073		16M	1.8	5.5	4K*16	256	128	18	12	-	18	2	-	3	5	1	-	-	-	-	-	SOP16 QFN16 QFN20
SC8F083		16M	1.8	5.5	4K*16	256	128	18	12	-	18	2	-	3	5	1	-	-	-	-	7	SOP8 SOP16 TSSOP20 QFN20
SC8F092		16M	1.8	5.5	4K*16	256	128	14	12	-	14	-	2	2	5	1	1	1	-	-	7	SOP16
SC8F093		16M	1.8	5.5	4K*16	336	128	18	12	-	18	-	2	3	5	1	1	1	Y	Y	8	TSSOP20 QFN20
SC8P8022		16M	1.8	5.5	1K*14	128	-	6	-	-	-	1	-	2	5	-	-	-	-	-	4	SOT23-6 SOP8
SC8P8122		16M	1.8	5.5	2K*14	128	-	6	-	-	-	1	-	2	5	-	-	-	-	-	4	SOT23-6 SOP8
SC8F8222		16M	1.8	5.5	2K*16	76	128	6	12	-	6	2	-	3	5	1	-	-	-	-	5	SOP8

Part No.	Core	Freq(MHz)	Code Flash (B)	SRAM(B)	Data Flash (B)	Integrated Gate Driver	HW MUL	HW DIV	GPIO	12-Bit ADC 100ksps	12-Bit ADC 1.2Msps	OPA	PGA	Comp	EPWM	Timer	UART	IIC	SPI	Temperature Sensor	CRC	WDT	WWDT	DriverVoltage (V)	Floating GateVoltage(V)	PACKAGE	Application	
CMS32M5533E	MO	64	32K	8K	1K	6N	1	1	24	1	1	2	2	2	6	2	2	1	1	-	1	1	1	1	5-20	200	LQFP48 QFN40	电动工具 吸尘器
CMS32M6536E	MO+	64	64K	8K	1K	6N	1	1	16	-	1	-	3	2	6	6	1	1	1	1	1	1	1	1	5-20	200	QFN32	强排 吸尘器
CMS32M6710	MO+	72	128K	12K	1K	-	1	1	46	-	1	-	4	2	8	6	2	1	1	1	1	1	1	-	-	LQFP48	大家电	
CMS32M6736E	MO+	72	128K	12K	1K	6N	1	1	32	-	1	-	4	2	6	6	2	1	1	1	1	1	1	5-20	200	QFN48	园林工具	

一站式配套产品 - 双路输出LDO

Part No.	Operating Voltage	Standby current	Quiescent Current	Enable Maintain	12V output precision	12V output operating current	12V output voltage difference	12V PSRR	5V output precision	5V output operating current	5V PSRR	Temperature Protections	PACKAGE	Application
CMS6021	9V-36V	0uA	2.5mA	Y	11V-12.5V	60mA	300mV/0.1A	60dB	5V±2%	30mA	60dB	160°C	ESOP8	电动工具

一站式配套产品 - N/N栅极驱动

Part No.	Operating Voltage	Vs Voltage	IO+/IO-	Input Logic	VCC (UV+/UV-)	VBS (UV+/UV-)	Driver Power Transistor Type	Dead time	Direct Current Preventio	Enable shutdown	Output Chanel	PACKAGE	Application
CMS6164	8V-20V	200V	+1.1A/-2.0A	HIN/LIN	6.8V/6.2V	6.8V/6.2V	6N	310ns	Y	-	6	TSSOP20	电动工具

电机产品线 CMS32M6系列 低压应用


Part No.	Core	Freq(MHz)	Code Flash (B)	SRAM(B)	Data Flash (B)	Integrated Gate Driver	HW MUL	HW DIV	GPIO	SCH	12-Bit ADC 1.2Msps	OPA	PGA	Comp	EPWM	Timer	UART	IIC	SPI	Temperature Sensor	CRC	WDT	WWDT	DriverVoltage (V)	LDO (V)	PACKAGE	Application	
CMS32M6510	MO+	64	64K	8K	1K	-	1	1	14	-	1	-	3	2	4	6	1	1	1	1	1	1	1	1	-	-	SOP16 SSOP24	空净/落地扇
CMS32M6526	MO+	64	64K	8K	1K	3P+3N	1	1	14	-	1	-	3	2	6	6	1	1	1	1	1	1	1	1	9-36	5	SOP16 SSOP24	低压吊扇
CMS32M6526C	MO+	64	64K	8K	1K	3P+3N	1	1	14	-	1	-	3	2	6	6	1	1	1	1	1	1	1	1	5-36	5	SSOP24	低压水泵
CMS32M6526C	MO+	64	64K	8K	1K	3P+3N	1	1	14	-	1	-	3	2	6	6	1	1	1	1	1	1	1	1	5-36	5	QFN24	三相散热风扇 扫地机

一站式配套产品 - 半桥P/N型IPM

Part No.	Operating Voltage	Input Logic	ID@12V	Under Voltage (UV+/UV-)	Standby Current	Characteristic	RDS(on) Source + Sink MOS	Direct Current Prevention	Over Current Protection	Over Temperature Protection	Dynamic Deadband	PACKAGE	Application
CMS3D205	5V-40V	PWM/EN	5A	4.5V/4.3V	0uA	Driver+MOSFET	60mΩ	Y	N	N	Y	SOP8	空净/落地扇 低压吊扇 低压水泵

一站式配套产品 - P/N栅极驱动

Part No.	Operating Voltage	VBB Voltage	LO IO+/IO-	HO IO+/IO-	Input Logic	Under Voltage (UV+/UV-)	Driver Power Transistor Type	Dead time	Direct Current Preventio	Over Temperature Protection	LDO	Output Chanel	PACKAGE	Application
CMS6971	9V-36V	40V	+0.05A/-0.26A	+0.30A/-0.06A	HIN/LIN	8.5V/8.0V	P/N	300ns	Y	-	5V/60mA	6	SOP16	低压落地扇

Part No.	Core	Freq(MHz)	Code Flash (B)	SRAM(B)	Data Flash (B)	Integrated Gate Driver	HW/MUL	HW/DIV	GPIO	SCH	12-Bit ADC 1.2MSPS	OPA	PGA	Comp	EPWM	Timer	UART	IIC	SPI	Temperature Sensor	CRC	WDT	WWDT	WDT	Floating GateVoltage(V) Driver current (V)	LDO(V)	PACKAGE	Application	
CMS32M6510		64	64K	8K	1K	-	1	1	22	-	1	-	3	2	6	6	1	1	1	1	1	1	1	1	-	-	-	SSOP24	冰箱压缩机 油烟机 洗衣机 高压水泵


一站式配套产品 - 栅极驱动

Part No.	Operating Voltage	Vs tolerance	IO+/IO-	Input Logic	VCC (UV+/UV-)	VBS (UV+/UV-)	Driver Power Transistor Type	Dead time	Direct Current Prevention	Enable shutdown	Output pin	PACKAGE	Application
CMS6D220	10V-20V	600V	+0.21A/-0.41A	HIN/LIN	8.8V/8.2V	8.8V/8.2V	2N	350ns	Y	-	2	SOP8	高速风筒

一站式配套产品 - LDO

Part No.	Operating Voltage	Output Voltage	OutPut Accuracy	Supply Current	Standby Current	Temperature Protections	PACKAGE	Application
CMS7850-1	3.6V-40V	5V	±2%	150mA	2uA	180°C	SOT23-3/SOT89-3	冰箱压缩机 油烟机 洗衣机 高压水泵

电机产品线 CMS32M7系列

Part No.	Core	Freq(MHz)	Code Flash (B)	SRAM(B)	Data Flash (B)	Integrated Gate Driver	HW/MUL	HW/DIV	GPIO	12-Bit ADC 100kSPS	12-Bit ADC 1.42MSPS	OPA	PGA	Comp	EPWM	Timer	UART	IIC	SPI	Temperature Sensor	CRC	WDT	CAN	LIN	PACKAGE	Application
CMS32M7510		128	256K	64K	4K	-	1	1	51	-	3	-	4	4	10	20	4	10	10	1	1	2	2	1	LQFP64	双向储能 工业风机水泵

Part No.	Core	Freq(MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(B)	SRAM(B)	Data Flash(B)	GPIO	ADC		DAC		Sigma Delta ADC	COMP	OPA	PGA	Timer	WDT	PWM	RTC	UART	SPI	IIC	LED	LCD	HW/MUL	HW/DIV	PACKAGE	Application
									Channel	Bit	Bit	Unit																	
CMS8H5120	8051	24	2.1	5.5	32K	4.25K	1K	22	12	22	6	2	-	2	4	1	5	1	6	-	2	1	1	-	-	-	-	SSOP24	血氧仪
CMS8H1213B	RISC	8	2.4	4.5	8K*16	344	128	18	12	5	-	-	1x24bit	-	-	-	2*8bit	1	-	1	1	-	-	8*8 4*12	-	-	-	SSOP24	LED秤
CMS8H1215	RISC	8	2.4	4.5	8K*16	344	128	25	12	8	-	-	2x24bit	-	-	-	2*8bit	1	2	1	1	-	-	8*8 4*12	-	-	-	QFN32	充气泵 LED秤
CMS8H1215C	RISC	8	3.3	22	8K*16	344	128	25	12	8	-	-	2x24bit	-	-	-	2*8bit	1	2	1	1	-	-	8*8 4*12	-	-	-	QFN32	充气泵 LED秤
CMS8H1205B	RISC	8	2.4	4.5	4K*16	256	128	12	12	5	-	-	2x24bit	-	-	-	2*8bit	1	-	1	1	-	-	-	4*15	-	-	QFN32	LCD秤 测温枪
CMS8H120D	RISC	8	2.4	4.5	4K*16	256	128	12	12	5	-	-	2x24bit	-	-	-	2*8bit	1	-	1	1	-	-	-	4*20	-	-	BONDING	LCD秤 测温枪
CMS8H1225*	RISC	8	2.4	4.5	8K*16	976	128	19	12	6	-	-	1x24bit	-	-	-	3*8bit	1	2	1	1	1	-	8*7	4*18 6*16	Y	Y	QFN32	秤 气泵
CMS8H3415	RISC	8	2.4	4.5	8K*16	976	128	16	12	6	-	-	1x24bit	-	-	-	3*8bit	1	1	1	1	-	-	8*8	-	Y	Y	QFN32	交流体脂秤
CMS8H3416	RISC	8	2.4	4.5	8K*16	976	128	24	12	8	-	-	1x24bit	-	-	-	3*8bit	1	2	1	1	1	-	8*8 4*12	4*23 6*21	Y	Y	LQFP48	交流体脂秤
CMS32H6241	8051 MO+	64	1.8	4.4	64K	256B+4K	1k	11	12	9	-	-	1x24bit	-	-	-	8	1	2	1	2	1	1	-	-	-	-	SOP16	台秤
CMS8H5145	8051	24	2.5	4.4	64K	4.25K	1K	38	12	16	-	-	2x24bit	2	2	1	5	1	6	1	4	1	1	Y	Y	Y	Y	LQFP48	血压计 仪表测量
CMS32H6157	8051 MO+	32	1.8	4.4	128K	8K	2.5K	54	12	26	8	1	1x24bit	2	1	0	16	1	7	1	3	2+1	2+1	-	4*36 6*34 8*32	Y	Y	LQFP64	血压计

* Coming soon

IOT产品线 信号链ADC系列

Part No.	Channel	VDD(V)	SPI	PGA	OSC	Resolution (Bits)	Outputrate	Effective Resolution (Bits)	Built-in LDO(V)	Temp(°C)	Type	PACKAGE
CMS24AD2001	1	2.5-4.4	Dual line	Y	INTRC	24	2.5Hz-2.56KHz	20.6	2.4/2.6/3.0/3.3	-40-85	Single channel high-precision ADC	SOP8
CMS24AD2002	2	2.5-4.4	Dual line	Y	INTRC	24	2.5Hz-2.56KHz	20.6	2.4/2.6/3.0/3.3	-40-85	Dual channel high-precision ADC	SOP14

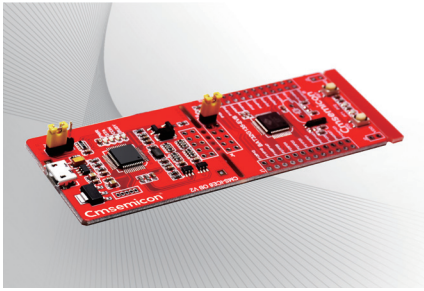
Part No.	Input Voltage	Output Voltage	Operating Current	Quiescent Current	Output precision	PACKAGE
CMS75xx	3V-22V	3.3-3.6V	150mA	2uA	±1%	SOT23-3 SOT89-3
CMS7850	4.5V-40V	5V	150mA	4.3uA	±2%	SOT23-3 SOT89-3

汽车电子产品线 车规系列

Part No.	Core	Freq (MHz)	Min Voltage(V)	Max Voltage(V)	Code Flash(B)	SRAM(B)	Data Flash(B)	GPIO	DMA	ADC				DAC		COMP	PGA	Timer	RTC	WDT	PWM	UART	SPI	IIC	CAN 2.0B	LIN	TFT LCD	HW MUL	HW DIV	AEC-Q100 Grade Level	PACKAGE
										Bit	Msp	Unit	Channel	Bit	Unit																
BAT32A233	MO+	64	2.0	5.5	32K	4K	-	29	40	12	1.42	1	10	12	2	2	1	9	-	1	13	2	2+1	2+1	-	1 硬件LIN2.2	-	Y	Y	Grade 1	QFN24 QFN32 LQFP32
BAT32A235	MO+	48	2.0	5.5	64K	8K	1.5K	29	35	12	1.06	1	10	8	2	2	2	9	1	1	13	3	3	3+1	1	1	-	Y	Y	Grade 1	LQFP32
BAT32A237	MO+	48	2.0	5.5	128K	12K	1.5K	59	37	12	1.06	1	16	8	2	2	2	9	1	1	13	3	6	6+1	1	1	-	Y	Y	Grade 1	QFN40 LQFP32 LQFP48 LQFP64
BAT32A239	MO+	64	2.0	5.5	256K	32K	2.5K	75	37	12	1.42	1	21	8	2	2	2	17	1	1	21	4	8	8+2	2	1	-	Y	Y	Grade 1	QFN48 LQFP48 LQFP64 LQFP80
BAT32A279	MO+	64	2.0	5.5	512K	64K	20K	93	40	12	1.42	1	28	8	2	2	2	17	1	1	21	4	8+2	8+2	3	1	Y	Y	Y	Grade 1	LQFP64 LQFP80 LQFP100
BAT32A337	MO+	48	2.0	5.5	128K	16K	1.5K	45	37	12	1.06	1	16	8	2	2	2	9	1	1	13	3	6	6+1	1	1	-	Y	Y	Grade 0	QFN40 LQFP32 LQFP48 LQFP64
BAT32A6300	MO+	64	5.5	28	32K	4K	-	26	40	12	1.42	1	10	12	2	2	1	9	-	1	13	2	2+1	2+1	-	1 硬件LIN2.2 LIN PHY	-	Y	Y	Grade 1	QFN32
BAT32A6700	MO+	48	5.5	28	128K	12K	1.5K	41	37	12	1.06	1	15	8	2	2	2	9	1	1	13	2	3	3+1	1	1 UART0/LIN LIN PHY	-	Y	Y	Grade 1	QFN48

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