



芯海科技  
CHIPSEA

# 芯海科技产品选型表

—— 以客户为中心 ——



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F0系列32位MCU

Part No.	Core	Max Freq. MHz	Memory(Bytes)		I/O	Timer							Connectivity								Analog Interface				Security	Oper. Temp. (°C)	VDD	Package
			Flash	SRAM		Adv.	16bit	32bit	SysTick	FWDT/ WWDT	RTC	PWM	UART	SPI	I2S	I2C	PD	CC	USB	CAN	12bit ADC Units(CHs)	DAC Units(Bits)	Temp. Sensor	VBAT				
CS32F030F6P6	M0	48	32K	4K	15	1	4	-	1	1/1	1	11	2	1	-	1	-	-	-	-	1(9)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	TSSOP20
CS32F030K6T6	M0	48	32K	4K	25	1	4	-	1	1/1	1	11	1	1	-	1	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	LQFP32
CS32F030K8U6	M0	48	64K	8K	27	1	6	-	1	1/1	1	13	2	1	-	2	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	QFN32(4x4)
CS32F030C8T6	M0	48	64K	8K	39	1	6	-	1	1/1	1	13	2	2	-	2	-	-	-	-	1(10)	-	±2°C	Y	CRC-32 96b UNID	-40~105	2.0~5.5	LQFP48
CS32F031G6U6	M0	48	32K	4K	23	1	4	1	1	1/1	1	15	4	1	1	1	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	QFN28(4x4)
CS32F031K8U6	M0	48	64K	8K	27	1	6	1	1	1/1	1	17	5	2	1	2	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	QFN32(5x5)
CS32F031C8T6	M0	48	64K	8K	39	1	6	1	1	1/1	1	17	5	2	1	2	-	-	-	-	1(10)	-	±2°C	Y	CRC-32 96b UNID	-40~105	2.0~5.5	LQFP48
CS32F035K6U6	M0	48	32K	4K	27	1	4	-	1	1/1	-	11	2	1	-	1	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~85	2.0~5.5	QFN32(4x4)
CS32F036F6P7	M0	48	32K	4K	15	1	4	-	1	1/1	-	11	2	1	-	1	-	-	-	-	1(9)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	TSSOP20
CS32F036K6T7	M0	48	32K	4K	25	1	4	-	1	1/1	-	11	2	1	-	1	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	LQFP32
CS32F036K6U7	M0	48	32K	4K	27	1	4	-	1	1/1	-	11	2	1	-	1	-	-	-	-	1(10)	-	±2°C	-	CRC-32 96b UNID	-40~105	2.0~5.5	QFN32(5x5)

L0系列32位低功耗MCU

Part No.	Core	Max Freq. MHz	Memory(Bytes)		I/O	Timer							Connectivity								Analog Interface				Security	Oper. Temp. (°C)	VDD	Package
			Flash	SRAM		Adv.	16bit	32bit	SysTick	FWDT/ WWDT	RTC	PWM	UART	SPI	I2S	I2C	PD	CC	USB	CAN	12bit ADC Units(CHs)	DAC Units(Bits)	Temp. Sensor	VBAT				
CS32L010F8K6	M0	24	64K	4K	16	1	2	2	1	1/1	1	13	3	1	-	1	-	-	-	-	1(7)	-	-	-	CRC-32 96b UNID	-40~85	2.5~5.5	SSOP20
CS32L010F8U6	M0	24	64K	4K	16	1	2	2	1	1/1	1	13	3	1	-	1	-	-	-	-	1(7)	-	-	-	CRC-32 96b UNID	-40~85	2.5~5.5	QFN20(3X3)
CS32L010E8U6	M0	24	64k	4K	16	1	2	2	1	1/1	1	13	3	1	-	1	-	-	-	-	1(7)	-	-	-	CRC-32 96b UNID	-40~85	2.5~5.5	QFN24(3X3)

A0系列32位高精度 MCU

Part No.	Core	Max Freq. MHz	Memory(Bytes)		I/O	Timer								Connectivity								Analog Interface						Security	Oper. Temp. (°C)	VDD	Package
			Flash	SRAM		Adv.	16bit	24bit	32bit	SysTick	FWDT/ WWDT	RTC	PWM	UART	SPI	I2S	I2C	PD	CC	USB	CAN	12bit ADC Units(Chs)	24bit ADC Units(Chs)	OPA. PGA	12bit DAC	Temp. Sensor	VBAT				
CS32A060R8T6	M0	36	64K	16K	13	-	-	2	-	-	1/1	-	-	1	-	-	1	-	-	-	-	2(16)	-	2	2	±5°C	-	CRC-32 96b UNID	-40~85	2.0~5.5	LQFP64
CS32A039R8T6	M0	48	64K	8K	39	1	6	-	1	1	1/1	1	17	5	2	1	2	-	-	-	-	1(10)	1(5)	1	-	±2°C	Y	CRC-32 96b UNID	-40~85	2.0~5.5	LQFP64

G0系列32位PD MCU

Part No.	Core	Max Freq. MHz	Memory(Bytes)		I/O	Timer								Connectivity								Dead Bat	Analog Interface					Security	HDIV	HMUL	Oper. Temp. (°C)	VDD	Package
			Flash	SRAM		Adv.	16bit	32bit	SysTick	FWDT/VWDT	LPWDT	RTC	PWM	UART	SPI	I2C	PD	CC	QC	VOOC	12bit ADC Units(ChS)		DAC Units(Bits)	Temp. Sensor	VBAT	Comp. /OPA							
CS32G020K8U6	M0	48	64K	8K	27	-	3	-	1	1/1	1	0	3	1	1	2	2组	2	-	Y	1(24)	1(11)	-	-	-	CRC-32	1	1	-40~85	2.5~5.5	QFN32		
CS32G020E8U6	M0	48	64K	8K	19	-	3	-	1	1/1	1	0	3	1	1	2	2组	2	-	-	1(20)	1(11)	-	-	-	CRC-32	1	1	-40~85	2.5~5.5	QFN24		
CS32G021K8U6	M0	48	64K	8K	27	-	3	-	1	1/1	1	0	3	1	1	2	2组	2	2	Y	1(24)	1(11)	-	-	-	CRC-32	1	1	-40~85	2.5~5.5	QFN32		
CS32G021E8U6	M0	48	64K	8K	19	-	3	-	1	1/1	1	0	3	1	1	2	2组	2	2	-	1(20)	1(11)	-	-	-	CRC-32	1	1	-40~85	2.5~5.5	QFN24		

8位Flash MCU

Part No.	Memory				I/O	Timer Modules					Connectivity					Analog Interface					OSC Mode	大驱动 IO	Special Function	VDD (V)	Package
	Type	ROM	RAM	EEPROM		Pins	8-Bit	12-Bit	16-Bit	PWM	互补 PWM	UART	SPI	I2C	PD	CC	LCD LED	Temp Sensor	LVR (V)	ADC (Ch*Bit)					
CSU32M10	MTP	2K*16	104	128	8	1	2	-	2	1	-	-	-	-	-	-	-	2.4/3.6	4*12	1/0	IRC	2	OCP/恒流源	2.35~5.5	MSOP10
	MTP	2K*16	104	128	14	1	2	-	2	2	-	-	-	-	-	5*8	-	2.4/3.6	7*12	1/0	IRC	4	OCP/恒流源	2.35~5.5	SOP16/QFN16
CSU32M11	MTP	2K*16	104	128	14	1	2	-	2	2	-	-	-	-	-	5*8	-	2.4/3.6	7*12	1/0	IRC	4	-	2.35~5.5	SOP16
CSU38M20	MTP	8K*16	1024	256	14	1	2	1	3	2	1	1	1	-	-	5*9	-	2.4/2.5/3.0/3.6	14*12	-	IRC/XT	6	-	2.3~5.5	SOP16
	MTP	8K*16	1024	256	18	1	2	1	3	1	1	1	1	-	-	5*13	-	2.4/2.5/3.0/3.6	18*12	-	IRC/XT	5	-	2.3~5.5	TSSOP20
	MTP	8K*16	1024	256	18	1	2	1	3	3	1	1	1	-	-	5*13	-	2.4/2.5/3.0/3.6	18*12	-	IRC/XT	8	-	2.3~5.5	SOP20
	MTP	8K*16	1024	256	22	1	2	1	3	3	1	1	1	-	-	5*17	-	2.4/2.5/3.0/3.6	22*12	1/1	IRC/XT	8	-	2.3~5.5	QFN24/SSOP24
	MTP	8K*16	1024	256	26	1	2	1	3	3	1	1	1	-	-	5*21	-	2.4/2.5/3.0/3.6	26*12	1/1	IRC/XT	8	-	2.3~5.5	SOP28/SSOP28
CSU38F20	Flash	8K*16	488	-	8	1	3	-	1	1	1	-	1	-	-	-	-	1.7/2.0/2.5	4*12	1/0	IRC	4	恒流LED驱动	1.8~5.5	MSOP10
	Flash	8K*16	488	-	14	1	3	-	2	1	1	-	1	-	-	3*4	-	1.7/2.0/2.5	7*12	1/0	IRC	6	恒流LED驱动	1.8~5.5	SOP16
	Flash	8K*16	488	-	18	1	3	-	3	1	1	-	1	-	-	6*7	-	1.7/2.0/2.5	8*12	1/0	IRC	9	恒流LED驱动	1.8~5.5	QFN20(3x3)
	Flash	8K*16	488	-	19	1	3	-	3	1	1	-	1	-	-	7*8	-	1.7/2.0/2.5	8*12	1/0	IRC	10	恒流LED驱动	1.8~5.5	SSOP24
	Flash	8K*16	488	-	19	1	3	-	3	1	1	-	1	-	-	7*8	-	1.7/2.0/2.5	8*12	1/0	IRC	10	恒流LED驱动	1.8~5.5	QFN24(4X4)
	Flash	8K*16	488	-	19	1	3	-	3	1	1	-	1	-	-	7*8	-	1.7/2.0/2.5	8*12	1/0	IRC	10	恒流LED驱动	1.8~5.5	QFN23(3X3)

8位 OTP MCU

Part No.	Memory				I/O	Timer Modules					Connectivity					Analog Interface					OSC Mode	大驱动 IO	Special Function	VDD (V)	Package
	Type	ROM	RAM	EEPROM	Pins	8-Bit	12-Bit	16-Bit	PWM	互补 PWM	UART	SPI	I2C	PD	CC	LCD	Temp Sensor	LVD (V)	ADC (Ch*Bit)	Comp./OPA					
CSU8RP2113	OTP	1K*14	32	-	6	2	-	-	1	-	-	-	-	-	-	-	-	2.4/3.6	-	-	IRC	-	-	2.2~5.5	SOP8/DIP8
CSU8RP2116	OTP	1K*14	64	-	12	1	2	-	2	-	-	-	-	-	-	-	-	2.4	-	-	IRC	-	-	2.2~5.5	SOP14/DIP14
CSU8RP3115B	OTP	1K*14	64	-	6	1	2	0	1	-	-	-	-	-	-	-	-	2.4	3*12	-	IRC	1	-	2.2~5.5	SOP8/DIP8
CSU8RP3117B	OTP	1K*14	64	-	8	1	2	0	2	1	-	-	-	-	-	-	-	2.4	4*12	-	IRC	2	-	2.2~5.5	MSOP10
CSU8RP3119B	OTP	1K*14	64	-	12	1	2	0	2	1	-	-	-	-	-	-	-	2.4	5*12	-	IRC	2	-	2.2~5.5	SOP14/DIP14
CSU8RP3215	OTP	2K*16	128	-	14	1	3	0	3	1	1	-	-	-	-	-	-	2.4/3.6	7*12	1/0	IRC/XT/ERC	3	-	2.2~5.5	SOP16/TSSOP16
CSU8RP3216	OTP	2K*16	128	-	18	1	3	0	3	1	1	-	-	-	-	-	-	2.4/3.6	9*12	1/0	IRC/XT/ERC	3	-	2.2~5.5	SOP20/QFN20
CSU32P10	OTP	2K*14	64	-	6	1	2	0	1	-	-	-	-	-	-	-	-	2.4/3.6	3*12	-	IRC	1	-	2.4~5.5	SOP8
	OTP	2K*14	64	-	8	1	2	0	2	1	-	-	-	-	-	-	-	2.4/3.6	4*12	-	IRC	2	-	2.4~5.5	MSOP10
	OTP	2K*14	64	-	12	1	2	0	2	1	-	-	-	-	-	-	-	2.4/3.6	5*12	-	IRC	2	-	2.4~5.5	SOP14
CSU32P20	OTP	2K*16	104	-	6	1	2	0	1	-	-	-	-	-	-	-	-	2.4	3*12	-	IRC	1	-	2.35~5.5	SOP8
	OTP	2K*16	104	-	8	1	2	0	2	1	-	-	-	-	-	-	-	2.4	4*12	-	IRC	2	-	2.35~5.5	MSOP10
	OTP	2K*16	104	-	12	1	2	0	2	1	-	-	-	-	-	-	-	2.4	6*12	-	IRC	2	-	2.35~5.5	SOP14/TSSOP14
	OTP	2K*16	104	-	14	1	2	0	2	2	-	-	-	-	-	5*8	-	2.4	7*12	-	IRC	2	-	2.35~5.5	SOP16/TSSOP16

8位 PD MCU

Part No.	Memory				I/O	Timer Modules					Connectivity												Analog Interface					OSC Mode	大驱动 IO	Special Function	VDD (V)	Package	
	Type	ROM	RAM	EEPROM	Pins	8-Bit	12-Bit	16-Bit	PWM	互补 PWM	UART	SPI	I2C	PD	CC	QC4	QC2.0/3.0	FCP	SCP	AFC	VOOC	BC1.2	Apple Mode	LCD	Temp Sensor	LVD (V)	ADC (Ch*Bit)						Comp./OPA
CSS34P16	OTP	4K*16	232	-	14	-	3	-	3	1	-	-	-	PD2.0	2组	-	-	-	-	-	-	-	-	-	2.4	-	1/0	IRC	-	-	2.7~5.5	SSOP16	
CSU3AF10	Flash	32K*16	2K	-	23	2	2	-	3	1	1	-	-	PD3.0	2组	2	4	4	4	4	4	4	4	-	-	2.1	17*12bit	-	IRC	-	-	2.2~5.5	QFN28

压力触控

Part No.	Force Touch Channels	CapSense Channels	Interface	Oper. Temp (°C)	Special Function	VDD (V)	Package
CSU18M63	2	-	I2C / UART	-40~85°C		2.6~3.6	QFN16(4x4x0.75-e=0.5)
	2	-	I2C / UART	-40~85°C		2.6~3.6	WLCSOP16(1.915x1.82x0.34-e=0.35)
CSU18M65	2	-	I2C / UART	-40~85°C		2.6~3.6	QFN16(4x4x0.75-e=0.5)
	2	-	I2C / UART	-40~85°C		2.6~3.6	QFN20(3x3x0.75-e=0.5)
	2	-	I2C / UART	-40~85°C		2.6~3.6	WLCSOP16(1.915x1.82x0.34-e=0.35)
CSU18M68	2	-	I2C	-40~85°C		2.4~3.6	QFN16(3x3x0.75-e=0.5)
	2	-	I2C	-40~85°C		2.4~3.6	WLCSOP16(1.45x1.465x0.34-e=0.35)
CSA37F60	15	-	I2C / UART	-40~85°C		2.0~5.5	WLCSOP40(3.32x2.605x0.34-e=0.35)
CSA37F61	8	-	I2C / UART	-40~85°C		2.5~5.5	WLCSOP42(2.32x2.655x0.34-e=0.35)
CSA37F62	8	-	I2C / UART	-40~85°C	AEC-Q100	2.8~5.5	LQFP48
CSA37F70	18	24	I2C / UART	-40~85°C		2.4~5.5	WLCSOP56(2.71x3.22x0.34-e=0.35)
CSA37F71	10	-	I2C / UART	-40~85°C		2.4~5.5	QFN32(4x4x0.75-e=0.4)
	10	-	I2C / UART	-40~85°C		2.4~5.5	WLCSOP36 (2.21x2.41x0.34-e=0.35)

8位高精度 SoC

Part No.	Memory				I/O	Timer Modules					Connectivity			Analog Interface						Oscillation Mode	Special Function	VDD (V)	Package
	Type	ROM	RAM	EEPROM	Pins	8-Bit	12-Bit	16-Bit	RTC	PWM	UART	SPI	I2C	LCD	LED	Temp. Sensor	LVD	ADC (Ch*Bit)	Comp. /OPA				
CSU8RP1186	OTP	4K*16	256	-	14	1	-	-	-	-	1	-	-	4*14	-	Y	Y	1*24	0/1	IRC	-	2.4~3.6	Die38
CSU8RP1186B	OTP	4K*16	256	-	14	1	-	-	-	-	1	-	-	4*14	-	Y	Y	1*24	0/1	IRC/XT	-	2.4~3.6	Die38
CSU8RP1001	OTP	4K*16	256	-	15/14	1	-	-	-	-	-	-	-	4*14	-	Y	Y	2*24	0/1	IRC/XT	-	2.4~3.6	Die52
CSU1181	OTP	4K*16	256	-	16	1	-	-	-	-	-	-	-	4*18	-	Y	Y	2*24	0/1	IRC/XT	-	2.4~3.6	Die46
CSU1182	OTP	2.5K*16	256	-	16	1	-	-	-	-	-	-	-	4*18	-	Y	Y	2*24	0/1	IRC/XT	-	2.4~3.6	Die46
CSU8RP1391	OTP	8K*16	384	-	16	2	-	2	-	3	1	-	-	4*32/6*30	-	Y	Y	2*24	0/2	IRC/XT	-	2.4~3.6	Die68
CSU8RP1381	OTP	8K*16	384	-	16	2	-	2	-	3	1	-	-	4*32/6*30	-	Y	Y	2*24	0/1	IRC/XT	-	2.4~3.6	Die68
CSU8RP1382	OTP	4K*16	384	-	12	2	-	2	-	3	1	-	-	4*20/6*18	-	Y	Y	2*24	0/1	IRC/XT	-	2.4~3.6	Die68
CSU18M86	MTP	8K*16	488	128	10	2	-	-	-	-	-	-	-	-	7*8	Y	Y	1*24/1*10	0/1	IRC	-	2.4~3.6	SOP16
	MTP	8K*16	488	128	11	2	-	-	-	-	1	-	-	-	7*8	Y	Y	1*24/1*10	0/1	IRC	-	2.4~3.6	SSOP20
	MTP	8K*16	488	128	15	2	-	-	Y	1	1	-	-	-	7*8	Y	Y	1*24/1*10	0/1	IRC/XT	-	2.4~3.6	SSOP24
CSU18M88	MTP	8K*16	896	128	37	4	-	-	Y	3	2	1M/S	1(S)	4*20/6*18	-	Y	Y	1*24/8*10	0/1	IRC/XT	-	2.4~3.6	LQFP48
CSU18M91	MTP	8K*16	896	128	21	4	-	-	Y	1	1	1M/S	1(S)	4*18/6*16	4*14	Y	Y	1*24/3*10	0/1	IRC/XT	BIM/MDU/HRI	2.4~3.6	LQFP48
	MTP	8K*16	896	128	31	4	-	-	Y	3	2	1M/S	1(S)	4*24/6*22	4*14	Y	Y	1*24/6*10	0/1	IRC/XT	BIM/MDU/HRI	2.4~3.6	LQFP64
CSU18M92	MTP	8K*16	896	128	21	4	-	-	Y	1	1	1M/S	1(S)	4*18/6*16	4*14	Y	Y	1*24/3*10	0/1	IRC/XT	BIM/MDU	2.4~3.6	LQFP48
	MTP	8K*16	896	128	31	4	-	-	Y	3	2	1M/S	1(S)	4*24/6*22	4*14	Y	Y	1*24/6*10	0/1	IRC/XT	BIM/MDU	2.4~3.6	Die68
CSU18P88	OTP	8K*16	512	-	41	1	1		Y	1	3	-	-	4*12/4*16	7*8	Y	Y	1*24	0/0	IRC/XT	-	2.4~5.5	Die41/SOP16 TSOP24/QFN32

高精度BLE SoC

Part No.	Memory				I/O	Timer Modules					Connectivity			Analog Interface					RF Feature				Power Consume			OSC Mode	Special Function	VDD (V)	Package	
	Type	ROM	RAM	EEPROM	Pins	8-Bit	12-Bit	16-Bit	RTC	PWM	UART	SPI	I2C	LCD	LED	Temp Sensor	LVD (V)	ADC (Ch*Bit)	Comp. /OPA	BLE	RX Sensi.	TX Power	Max. Speed	TX (mA)	RX (mA)					Sleep (uA)
CST34M96	MTP	8K*16	488	128	17	1	-	-	Y	1	1	-	-	-	7*8	1	Y	1*24 1*10	0/1	5	-93dBm	-5~5dBm	1Mbps	18	17	<2	IRC/XT	-	2.4~3.6	LQFP48
CST34M98	MTP	8K*16	896	128	33	4	-	-	Y	3	2	1 M/S	1 (S)	4*20 6*18	-	1	Y	1*24 6*10	0/1	4.1	-93dBm	-5~5dBm	1Mbps	18	17	<2	IRC/XT	-	2.4~3.6	QFN68

BLE SoC

Part No.	内核	Max Freq. MHz	Memory(Bytes)		I/O	Timer							Connectivity				Analog Interface			RF Feature				Power Consume			Secuity	Temp. (°C)	VDD	Package
			Flash	SRAM		Adv.	16bit	32bit (24bit)	SysTick	FWDT/ WWDT	RTC	PWM	UART	SPI	I2S	I2C	ADC CHs*bits	Comp./OPA	Temp. Sensor	BLE	RX Sensi.	TX Power	Max. Speed	TX (mA)	RX (mA)	Sleep (µA)				
CST92P12	-	-	-	16K+12K	10	-	2	-	-	-	-	2	1	1	-	1	8*10	-	-	4	-93dBm	-5~5dBm	1Mbps	18	17	<2	-	-40~85	1.8~3.6	SSOP24
CST92P23B	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-88dBm	-18~0dBm (-16~0dBm)	1Mbps	19	20	<4	-	-40~85	1.8~3.6	SOP8 SOP14
CST92F30	M0	48	512K	138K	20	-	-	8	1	1/0	1	6	1	2	-	2	3*12	0/1	-	5	-97dBm	-20~10dBm	1Mbps (2Mbps)	8	8	<2	AES-128	-40~105	1.8~3.6	QFN32
	M0	48	512K	138K	34	-	-	8	1	1/0	1	6	1	2	-	2	6*12	0/1	-	5	-97dBm	-20~10dBm	1Mbps (2Mbps)	8	8	<2	AES-128	-40~105	1.8~3.6	QFN48
CST92F32	M0	48	512K	96K	20	-	-	8	1	1/0	1	6	1	2	-	2	3*12	0/1	-	5	-97dBm	-20~10dBm	1Mbps (2Mbps)	8	8	<2	AES-128	-40~105	1.8~3.6	QFN32
CST92F25	M0	64	512K	64K	20			6	1	1/0	1	6	2	2	-	2	6*12	-	-	5	-93dBm	-20~5dBm	1Mbps (2Mbps)	5.5	5	<6	AES-128	-40~85	1.8~3.6	QFN32
	M0	64	512K	64K	11			6	1	1/0	1	6	2	2	-	2	4*12	-	-	5	-93dBm	-20~5dBm	1Mbps (2Mbps)	5.5	5	<6	AES-128	-40~85	1.8~3.6	SSOP24

ADC

IC Part No.	Resolution(Bits)	AD Rate (Hz)	ADC Input	PGA	INL(ppm)	ENOB(Bits)	Power(mA)	Interface	VDD(V)	Package
CS1242	24	1.875/3.75/7.5/15/30	2	1/2/4/8/16/32/64/128	±15	22	2.4	5 lineSPI	2.7~5.25	SSOP24
CS1243	24	1.875/3.75/7.5/15/30	4	1/2/4/8/16/32/64/128	±15	22	2.4	5 lineSPI	2.7~5.25	SSOP28
CS1231	24	10/80	1	64/128	±6	21.2	3.4	2 lineSPI	2.8~5.5	SOP16/TSSOP16
CS1232	24	10/80	2	1/2/64/128	±6	23.5	3.4	2 lineSPI	2.8~5.5	TSSOP24
CS1237	24	10/40/640/1280	1	1/2/64/128	±15	20	2.5	2 line SerialIO	2.7~5.5	SOP8
CS1238	24	10/40/640/1280	2	1/2/64/128	±15	20.7	2.5	2 line SerialIO	2.7~5.5	SOP14
CS1233	24	10Hz~1.28kHz	3	1/2/4/8/16/32/64/128	±15	19.5	1.5	3 line SerialIO	2.4~3.6	SOP14
CS1239	24	10Hz~1.28kHz	5	1/2/4/8/16/32/64/128	±15	19.5	1.5	3 line SerialIO	2.4~3.6	SOP16

AFE—健康测量

IC Part No.	Resolution(Bits)	AD Rate (Hz)	ADC Input (Single)	PGA	DAC(Bits)	Tetra-Polar	Dynamic Range	Interface	Special Function	VDD(V)	Package
CS1251	24	10Hz~1.28kHz	1	1/2/4/8/16 /32/64/128/256	6	4	0~2*限流电阻	3 line SerialIO	HR	2.4~3.6	SOP16
CS1256	24	10Hz~1.28kHz	1	1/2/4/8/16 /32/64/128/256	6	4	0~2*限流电阻	3 line SerialIO	-	2.4~3.6	SOP16/QFN16
CS1257	24	10Hz~1.28kHz	2	1/2/4/8/16 /32/64/128/256	6	4	0~2*限流电阻	3 line SerialIO	-	2.4~3.6	SSOP20
CS1258	24	10Hz~1.28kHz	5	1/2/4/8/16 /32/64/128/256	6	8	0~2*限流电阻	3 line SerialIO	-	2.4~3.6	LQFP32
CS1259B	24	10Hz~1.28kHz	5	1/2/4/8/16 /32/64/128/256	6	8	0~2*限流电阻	3 line SerialIO	HR	2.4~3.6	QFN32

AFE—节能环保

IC Part No.	Dynamic Range	Power				Voltage			Current			Interface	Special Function	VDD(V)	Package
		Channels	Active Power	Apparent Power	Power Factor	Channels	Valid Value	Istantaneous Value	Channels	Valid Value	Instantaneous Value				
CSE7759B	1000:1	1	Y	-	-	1	Y	-	1	Y	-	UART	-	4.5~5.5	SOP8
CSE7761	5000:1	2	Y	Y	Y	1	Y	Y	2	Y	Y	UART/SPI	Leakage Detection	3.0~3.6/4.5~5.5	SSOP16

AFE—智能称重

IC Part No.	Resolution(Bits)	AD Rate (Hz)	ADC Input	PGA	DAC(Bits)	Tetra-Polar	Dynamic Range	Interface	Special Function	VDD(V)	Package
CS1270	24	30	-	64	-	4	0~2.8Ω	SPI/I2C/UART	-	2.4~3.6	SOP16

测量模组

IC Part No.	Size	BIA	HRI	Interface	VDD(V)	Pin Num
CSM37F60	5.0cm*3.3	三频八电极	有	UART	3.0~3.6	32



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