



COREBAI
芯佰微电子

芯佰微电子(北京)有限公司

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 **公司简介**
COMPANY PROFILE

芯佰微电子(北京)有限公司成立于2014年,本着“为客户创造价值,就是我们存在的价值”的理念,和“专芯发展”“用心服务”“创芯未来”的创业宗旨,经过多年的发展,2016年获得高新技术企业证书,2017年获得中关村高新技术企业证书并加入半导体协会。现累计申请布图专利超过40项。雄厚的技术实力使得芯佰微电子自主研发并成功面市的产品迅速增加,目前已达4大类100余款,全部符合欧盟RoHS标准以及绿色环保标准。已经研发的主要产品包括ADC/DAC转换器、放大器、接口电路、电源管理等。

产品广泛应用于无线通信、仪器仪表、电力电子、轨道交通、工业控制与自动化、医疗电子、消费电子、汽车电子及IoT等领域。产品具有高性能、低功耗及高可靠性等特点。公司与多家世界知名晶圆厂、封装测试厂结成战略合作伙伴关系,确保了产品的产能及质量。公司拥有来自第三方的先进生产线及强大产能支持,在追求技术水平的持续提高的同时,具有控制生产成本的优势。

芯佰微电子(北京)有限公司团队组成:设计团队、销售团队、技术支持团队、运营团队。团队现有主要成员40余人。设计团队:主要成员均具有15年以上模拟电路、数字电路设计经验,拥有先进的集成电路设计、工艺、生产、测试技术和质量管理经验。销售团队:销售主要人员在芯片销售渠道内已经潜心经营20多年,对市场的推广和客户维护有着丰富的经验。在华北、华东、华南、华中、西南、西北均设立销售网点。与各区域的代理商拥有良好的、长期的合作伙伴关系。

01 高速模数转换器(ADC)

Part Number	Resolution (bits)	Sample Rate (MSPS)	Channels	Signal-To-Noise Ratio(SNR) (dBFS)	Spurious-Free Dynamic Range(SFDR) (dB)	Power Consumption (mW)	Temperature Range (° C)	Package
CBM08AD1500QP	8	1500	2	44.5	54	500	-40 to 85	TQFP-128
CBM94AD34-500	12	500	1	63	72	900	-40 to 85	QFN-56
CBM41AD49QF	14	250	1	70	65	270	-40 to 85	QFN-48
CBM92AD68-125	16	125	2	79	90	750	-40 to 85	QFN-64
CBM92AD68-105	16	105	2	79	92	570	-40 to 85	QFN-64
CBM92AD68-80	16	80	2	79.5	92	430	-40 to 85	QFN-64
CBM94AD67-250	16	250	1	75	85	1250	-40 to 85	QFN-72
CBM96AD56-125	16	125	4	79	93.2	706	-40 to 85	QFN-56

02 精密模数转换器(ADC)

Part Number	Resolution (bits)	Sample Rate (KSPS)	Channels	Signal-To-Noise Ratio(SNR) (dBFS)	Spurious-Free Dynamic Range(SFDR) (dB)	Power Consumption (mW)	Temperature Range (° C)	Package
CBM76AD06G	16	200	8	89	106	130	-40 to 85	LQFP-64
CBM79AD60G	18	5000	1	95.5	96.5	64.5	-40 to 85	QFN-32

03 高速数模转换器DAC

Part Number	Resolution (bits)	Update Rate (MSPS)	Channels	Spurious-Free Dynamic Range(SFDR) (dB)	Output Feature	Adjacent Channel Leakage Ratio (ACLR) (dB)	Noise Spectral Density (dB/hz)	Power Consumption (mW)	Temperature Range (° C)	Package
CBM97D36BG	14	1200	1	79	Programmable output current	82	-164	390	-40 to 85	PBGA-160
CBM97D39BG	14	2500	1	72	Programmable output current	80	-165	1050	-40 to 85	PBGA-160
CBM97D39AG	14	2500	1	72	Programmable output current	80	-165	1050	-40 to 85	PBGA-160
CBM97D79TQ	16	1000	2	82	Programmable output current	81	-159	1100	-40 to 85	TQFP-100

04 精密数模转换器DAC

Part Number	Resolution (bits)	Supply Voltage (V)	INL/DNL (LSB)	Channels	Output Feature	Differential Output	Data Interface	Output Voltage Settling Time (μ s)	Temperature Range ($^{\circ}$ C)	Package
CBM53D04BMS	8	2.5-5.5	$\pm 0.15, \pm 0.02$	4	Voltage - Buffered	N	SPI	6	-40 to 85	MSOP-10
CBM53D04AMS	8	2.5-5.5	$\pm 0.15, \pm 1$	4	Voltage - Buffered	N	SPI	8	-40 to 85	MSOP-10
CBM53D04AQF	8	2.5-5.5	$\pm 0.15, \pm 1$	4	Voltage - Buffered	N	SPI	8	-40 to 85	QFN-10
CBM53D14AQF	10	2.5-5.5	$\pm 0.5, \pm 0.05$	4	Voltage - Buffered	N	SPI	9	-40 to 85	QFN-10
CBM53D14AMS	10	2.5-5.5	$\pm 0.5, \pm 0.05$	4	Voltage - Buffered	N	SPI	9	-40 to 85	MSOP-10
CBM53D14BQF	10	2.5-5.5	$\pm 0.5, \pm 0.05$	4	Voltage - Buffered	N	SPI	9	-40 to 85	QFN-10
CBM53D14BMS	10	2.5-5.5	$\pm 0.5, \pm 0.05$	4	Voltage - Buffered	N	SPI	9	-40 to 85	MSOP-10
CBM53D24AQF	12	2.5-5.5	$\pm 2, \pm 0.2$	4	Voltage - Buffered	N	SPI	10	-40 to 85	QFN-10
CBM53D24AMS	12	2.5-5.5	$\pm 2, \pm 0.2$	4	Voltage - Buffered	N	SPI	10	-40 to 85	MSOP-10
CBM53D24BQF	12	2.5-5.5	$\pm 2, \pm 0.2$	4	Voltage - Buffered	N	SPI	10	-40 to 85	QFN-10
CBM53D24BMS	12	2.5-5.5	$\pm 2, \pm 0.2$	4	Voltage - Buffered	N	SPI	10	-40 to 85	MSOP-10
CBM128S085TS	12	2.7-5.5	$\pm 2, +0.15/-0.09$	8	Voltage - Buffered	N	SPI	8.5	-40 to 85	TSSOP-16
CBM128S085QS	12	2.7-5.5	$\pm 2, +0.15/-0.09$	8	Voltage - Buffered	N	SPI	8.5	-40 to 85	QFN-16
CBM108S085TS	10	2.7-5.5	$\pm 0.5, +0.08/-0.04$	8	Voltage - Buffered	N	SPI	6	-40 to 85	TSSOP-16
CBM108S085QS	10	2.7-5.5	$\pm 0.5, +0.08/-0.04$	8	Voltage - Buffered	N	SPI	6	-40 to 85	QFN-16

05 直接数字频率合成器(DDS)

Part Number	Resolution (bits)	Reference Clock Frequency (MHz)	Channels	Spurious-Free Dynamic Range(SFDR) (dB)	Output Feature	Adjacent Channel Leakage Ratio (ACLR) (dB)	Noise Spectral Density (dB/hz)	Power Consumption (mW)	Temperature Range ($^{\circ}$ C)	Package
CBM99D10BQ	14	1000	1	80	Open-Drain Complementary current Source	-	-	723	-40 to 85	TQFP-100

06 正交数字上变频器 (QDUC)

Part Number	Resolution (bits)	Reference Clock Frequency (MHz)	Channels	Spurious-Free Dynamic Range(SFDR) (dB)	Output Feature	Adjacent Channel Leakage Ratio (ACLR) (dB)	Noise Spectral Density (dB/hz)	Power Consumption (mW)	Temperature Range ($^{\circ}$ C)	Package
CBM99D57BQ	14	1000	1	80	Open-Source Complementary current Source	76	166	810	-40 to 85	TQFP-100

07

USB 控制器

Part Number	VCC(Min) (V)	VCC(Max) (V)	Core Processor	RAM Size	Function	Protocol Compatibility	System Interface	Operating Temperature (°C)	Package
CBM9002A-56SCG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-0 to 70	SSOP-56
CBM9002A-56BCG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-0 to 70	BGA-56
CBM9002A-56LCG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-0 to 70	QFN-56
CBM9002A-56ISG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-40 to 85	SSOP-56
CBM9002A-56IBG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-40 to 85	BGA-56
CBM9002A-56ILG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-40 to 85	QFN-56
CBM9002A-100TCG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-0 to 70	TQFP-100
CBM9002A-100TIG	3	3.6	8051	16K x 8	USB Device Controller	USB 2.0	Slave-FIFO,GPIF,GPIO	-40 to 85	TQFP-100
CBM9001A-48AG	3	3.6	-	256 x 8	Host/Slave Controller	USB 1.1	Parallel 8bit,DMA	-40 to 85	TQFP-48

08

以太网控制器

Part Number	Supply Voltage (V)	Digital Interface	PHY Speed	Protocol	Package
CBM1001A-Q	3.3	General Processor Interface 8bit/16bit	10M/100M	IEEE802.3x	TQFP-48

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高速运算放大器

Part Number	Amplifiers per Package	GBW Typ (MHz)	Slew Rate Typ (V/us)	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	Vos Max@25° C (mV)	ENOISE Typ@1MHz (nV/√Hz)	Iq/Amp Typ (mA)	IB Typ (pA)	Operating Temperature Range (°C)	Package
CBM8051	1	250	180	2.5	5.5	8	4.9	2.9	1	-40 to 125	SC70-5 SOT23-5 SOP-8
CBM8052	2	250	180	2.5	5.5	8	4.9	2.9	1	-40 to 125	SOP-8 MSOP-8 TSSOP-8
CBM8054	4	250	180	2.5	5.5	8	4.9	2.9	1	-40 to 125	SOP-14 TSSOP-14
CBM8091	1	350	232	2.5	5.5	8	4.3	4.2	1	-40 to 125	SC70-5 SOT23-5 SOP-8
CBM8092	2	350	232	2.5	5.5	8	4.3	4.2	1	-40 to 125	SOP-8 MSOP-8 TSSOP-8
CBM8094	4	350	232	2.5	5.5	8	4.3	4.2	1	-40 to 125	SOP-14 TSSOP-14

10 精密运算放大器

Part Number	Amplifiers per Package	Vos(Offset Voltage) Typ@25° C (uV)	TC of Vos Typ (uV/° C)	IB Typ (pA)	ENOISE 0.01Hz~10Hz (uVpp)	ENOISE Typ@1kHz (nV/√Hz)	Rail-to-Rail I/O	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	GBW Typ (MHz)	Slew Rate Typ (V/us)	Iq/Amp Typ (uA)	Additional Feature	Aol Typ (dB)	CMRR Typ (dB)	Operating Temperature Range (°C)	Package
CBM8605	1	65	1.5	1	3.5	12	In,Out	2.7	5.5	8.7	4.5	1000	--	120	100	-40 to 125	WLCSP-5 SOT23-5
CBM8606	2	65	1.5	1	3.5	12	In,Out	2.7	5.5	8.7	4.5	1000	--	120	100	-40 to 125	WLCSP-8 MSOP-8 SOP-8
CBM8608	4	65	1.5	1	3.5	12	In,Out	2.7	5.5	8.7	4.5	1000	--	120	100	-40 to 125	SOP-14 TSSOP-14
CBM8655	1	50	0.4	1	2.7	4	In,Out	2.7	5.5	27	11	3700	EMI Hardened	105	105	-40 to 125	SOP-8 MSOP-8
CBM8656	2	50	0.4	1	2.7	4	In,Out	2.7	5.5	27	11	3700	EMI Hardened	105	105	-40 to 125	SOP-8 MSOP-8
CBM8551	1	5	0.005	50	0.75	35	In,Out	2.7	5.5	4.5	2.7	640	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8552	2	5	0.005	50	0.75	35	In,Out	2.7	5.5	4.5	2.7	640	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8554	4	5	0.005	50	0.75	35	In,Out	2.7	5.5	4.5	2.7	640	EMI Hardened	130	130	-40 to 125	SOP-14 TSSOP-14
CBM8538	1	5	0.005	50	1.3	60	In,Out	2.5	5.5	1.6	0.7	180	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8539	2	5	0.005	50	1.3	60	In,Out	2.5	5.5	1.6	0.7	180	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8333	1	2	0.05	20	1.1	70	In, Out	1.8	5.5	0.35	0.2	20	EMI Hardened	145	110	-40 to 125	SOT23-5 SC70-5 SOP-8
CBM8336	2	2	0.05	20	1.1	70	In, Out	1.8	5.5	0.35	0.2	20	EMI Hardened	145	110	-40 to 125	SOP-8 MSOP-8
CBM8339	4	2	0.05	20	1.1	70	In, Out	1.8	5.5	0.35	0.2	20	EMI Hardened	145	110	-40 to 125	SOP-14 TSSOP-14
CBM8557	1	50	0.03	50	0.93	35	In,Out	2.7	5.5	4.3	2.5	650	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8558	2	50	0.03	50	0.93	35	In,Out	2.7	5.5	4.3	2.5	650	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8559	4	50	0.03	50	0.93	35	In,Out	2.7	5.5	4.3	2.5	650	EMI Hardened	130	130	-40 to 125	SOP-14 TSSOP-14
CBM8521	1	5	0.005	10	3.2	140	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8522	2	5	0.005	10	3.2	140	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8524	4	5	0.005	10	3.2	140	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOP-14 TSSOP-14
CBM8511	1	40	0.005	50	1.6	70	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBM8512	2	40	0.005	50	1.6	70	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8514	4	40	0.005	50	1.6	70	In,Out	2.3	5.5	0.35	0.17	60	EMI Hardened	130	130	-40 to 125	SOP-14 TSSOP-14
CBM8561	1	5	0.005	50	0.6	33	In,Out	2.9	5.5	11	7.5	1250	EMI Hardened	130	130	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBM8562	2	5	0.005	50	0.6	33	In,Out	2.9	5.5	11	7.5	1250	EMI Hardened	130	130	-40 to 125	SOP-8 MSOP-8
CBM8564	4	5	0.005	50	0.6	33	In,Out	2.9	5.5	11	7.5	1250	EMI Hardened	130	130	-40 to 125	SOP-14 TSSOP-14
CBM27A	1	26	0.2	10000	0.09	3	--	8	36	8	2.8	3330	--	125	130	-40 to 125	SOP8
CBM27G	1	100	0.4	15000	0.1	3.1	--	8	36	8	2.8	3500	--	123	125	-40 to 125	SOP8

11 通用运算放大器

Part Number	Amplifiers per Package	GBW Typ (MHz)	Slew Rate Typ (V/ms)	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	ENOISE Typ@1kHz (nV/√Hz)	Vos Max@25° C (mV)	TC of Vos Typ (uV/° C)	IB Typ (pA)	Iq/Amp Typ (uA)	Rail-to-Rail I/O	Aol Typ (dB)	CMRR Typ (dB)	Additional Feature	Operating Temperature Range (°C)	Package
CBMV321	1	1.1	500	2.5	5.5	23	4.5	2.9	1	60	In,Out	100	80	-	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBMV358	2	1.1	500	2.5	5.5	23	4.5	2.9	1	60	In,Out	100	80	-	-40 to 125	SOP-8 MSOP-8 TSSOP-8
CBMV324	4	1.1	500	2.5	5.5	23	4.5	2.9	1	60	In,Out	100	80	-	-40 to 125	SOP-14 TSSOP-14
CBM8541	1	1.1	500	2.5	5.5	22	3	2	1	58	In,Out	110	90	-	-40 to 125	SC70-5 SOT23-5 SOP-8
CBM8542	2	1.1	500	2.5	5.5	22	3	2	1	58	In,Out	110	90	-	-40 to 125	SOP-8 MSOP-8
CBM8544	4	1.1	500	2.5	5.5	22	3	2	1	58	In,Out	110	90	-	-40 to 125	SOP-14 TSSOP-14
CBM6001	1	1	800	1.8	6	27	3.5	2.7	1	75	In,Out	100	70	EMI Hardened	-40 to 125	SC70-5 SOT23-5 SOP-8
CBM6002	2	1	800	1.8	6	27	3.5	2.7	1	75	In,Out	100	70	EMI Hardened	-40 to 125	SOP-8 MSOP-8
CBM6004	4	1	800	1.8	6	27	3.5	2.7	1	75	In,Out	100	70	EMI Hardened	-40 to 125	SOP-14 TSSOP-14
CBM8221	1	0.5	180	2.5	5.5	77	3.5	2.9	1	18	In,Out	110	90	-	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBM8222	2	0.5	180	2.5	5.5	77	3.5	2.9	1	18	In,Out	110	90	-	-40 to 125	SOP-8 MSOP-8 TSSOP-8
CBM8224	4	0.5	180	2.5	5.5	77	3.5	2.9	1	18	In,Out	110	90	-	-40 to 125	SOP-14 TSSOP-14
CBM8531	1	3	500	2.7	6	45	25	20	5	750	In,Out	98	47	High output current ±250mA	-40 to 125	SOT23-5 SOP-8
CBM8532	2	3	500	2.7	6	45	25	20	5	750	In,Out	98	47	High output current ±250mA	-40 to 125	SOP-8 MSOP-8
CBM8534	4	3	500	2.7	6	45	25	20	5	750	In,Out	98	47	High output current ±250mA	-40 to 125	SOP-14 TSSOP-14

12 低噪声运算放大器

Part Number	Amplifiers per Package	ENOISE Typ@1kHz (nV/√Hz)	GBW Typ (MHz)	Slew Rate Typ (V/us)	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	Vos Max@25° C (mV)	TC of Vos Typ (uV/° C)	IB Typ (pA)	Iq/Amp Typ (uA)	Rail-to-Rail I/O	Aol Typ (dB)	CMRR Typ (dB)	Operating Temperature Range (°C)	Package
CBM8631	1	13	6	4.2	2.1	5.5	3.5	2.4	1	470	In,Out	108	90	-40 to 125	SC70-5 SOT23-5
CBM8632	2	13	6	4.2	2.1	5.5	3.5	2.4	1	470	In,Out	108	90	-40 to 125	SOP-8 MSOP-8
CBM8634	4	13	6	4.2	2.1	5.5	3.5	2.4	1	470	In,Out	108	90	-40 to 125	SOP-14 TSSOP-14
CBMV721	1	11.5	11	9	2.1	5.5	3.5	2.4	1	1000	In,Out	108	90	-40 to 125	SC70-5 SOT23-5
CBMV722	2	11.5	11	9	2.1	5.5	3.5	2.4	1	1000	In,Out	108	90	-40 to 125	SOP-8 MSOP-8
CBMV724	4	11.5	11	9	2.1	5.5	3.5	2.4	1	1000	In,Out	108	90	-40 to 125	SOP-14 TSSOP-14
CBM8621	1	11	7	3.7	2.5	5.5	3	2	1	600	In,Out	106	92	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBM8622	2	11	7	3.7	2.5	5.5	3	2	1	600	In,Out	106	92	-40 to 125	SOP-8 MSOP-8

12 低噪声运算放大器

Part Number	Amplifiers per Package	ENOISE Typ@1kHz (nV/√Hz)	GBW Typ (MHz)	Slew Rate Typ (V/us)	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	Vos Max@25° C (mV)	TC of Vos Typ (uV/° C)	IB Typ (pA)	Iq/Amp Typ (uA)	Rail-to-Rail I/O	Aol Typ (dB)	CMRR Typ (dB)	Operating Temperature Range (°C)	Package
CBM8624	4	11	7	3.7	2.5	5.5	3	2	1	600	In,Out	106	92	-40 to 125	SOP-14 TSSOP-14
CBM8821	1	7	14	10	2.5	5.5	3	1.6	1	1900	In,Out	100	88	-40 to 125	SOT23-5 SOP-8 MSOP-8
CBM8822	2	7	14	10	2.5	5.5	3	1.6	1	1900	In,Out	100	88	-40 to 125	SOP-8 MSOP-8
CBM8824	4	7	14	10	2.5	5.5	3	1.6	1	1900	In,Out	100	88	-40 to 125	SOP-14 TSSOP-14

13 纳安级功耗运算放大器

Part Number	Amplifiers per Package	Iq/Amp Typ (nA)	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	GBP Typ (KHz)	Slew Rate Typ (V/ms)	ENOISE Typ@1kHz (nV/√Hz)	Vos Max@25° C (mV)	TC of Vos Typ (uV/° C)	IB Typ (pA)	Aol Typ (dB)	CMRR Typ (dB)	Rail-to-Rail I/O	Operating Temperature Range (°C)	Package
CBM6041	1	600	1.4	5.5	0.015	4.5	15	3	2.7	1	100	70	In,Out	-40 to 125	SC70-5 SOT23-5
CBM6042	2	600	1.4	5.5	0.015	4.5	15	3	2.7	1	100	70	In,Out	-40 to 125	SOP-8 MSOP-8
CBM6044	4	600	1.4	5.5	0.015	4.5	15	3	2.7	1	100	70	In,Out	-40 to 125	SOP-14 TSOP-14
CBM8031	1	670	1.4	5.5	15	7.5	160	3	2.3	1	106	90	In,Out	-40 to 125	SC70-5 SOT23-5
CBM8032	2	670	1.4	5.5	15	7.5	160	3	2.3	1	106	90	In,Out	-40 to 125	SOP-8 MSOP-8
CBM8034	4	670	1.4	5.5	15	7.5	160	3	2.3	1	106	90	In,Out	-40 to 125	SOP-14 TSOP-14

14 高压通用运算放大器

Part Number	Amplifiers per Package	Total Supply Voltage (Min)(V)	Total Supply Voltage (Max)(V)	GBW Typ (MHz)	Slew Rate Typ (V/us)	Rail-to-Rail I/O	Vos Max@25° C (mV)	TC of Vos Typ (uV/° C)	Iq/Amp Typ (uA)	ENOISE Typ@1kHz (nV/√Hz)	IB Typ (nA)	Aol Typ (dB)	CMRR Typ (dB)	Operating Temperature Range (°C)	Package
CBMLM321	1	3	24	1	0.4	N/Y	5	7	250	40	44	100	90	-40 to 125	SOT23-5
CBMLM358	2	3	24	1	0.4	N/Y	5	7	250	40	44	100	90	-40 to 125	SOP-8
CBMLM324	4	3	24	1	0.4	N/Y	5	7	250	40	44	100	85	-40 to 125	SOP-14
CBM2904	2	3	32	1	0.5	N/Y	5	7	250	40	50	100	80	-40 to 125	SOP-8
CBM2902	4	3	32	1	0.5	N/Y	5	7	250	40	50	100	80	-40 to 125	SOP-14

Part Number	Data rate(Max) (Mbps)	Forward/reverse channels	Integrated isolated power	Isolation rating (V rms)	Propagation delay (Typ) (ns)	VCC (Min) (V)	VCC (Max) (V)	Default output	Operating temperature range (°C)	Package
CBMuD1402LAS16	90	2/2	NO	3000	10	2.5	5.5	L	-40 to +105	WIDE SOP-16
CBMuD1402HAS16	90	2/2	NO	3000	10	2.5	5.5	H	-40 to +105	WIDE SOP-16
CBMuD1401LAS16	90	3/1	NO	3000	10	2.5	5.5	L	-40 to +105	WIDE SOP-16
CBMuD1401HAS16	90	3/1	NO	3000	10	2.5	5.5	H	-40 to +105	WIDE SOP-16
CBMuD1400LAS16	90	4/0	NO	3000	10	2.5	5.5	L	-40 to +105	WIDE SOP-16
CBMuD1400HAS16	90	4/0	NO	3000	10	2.5	5.5	H	-40 to +105	WIDE SOP-16
CBMuD1201HAS8	90	1/1	NO	3000	10	2.5	5.5	H	-40 to +105	SOP-8
CBMuD1201LAS8	90	1/1	NO	3000	10	2.5	5.5	L	-40 to +105	SOP-8
CBMuD1200HAS8	90	2/0	NO	3000	10	2.5	5.5	H	-40 to +105	SOP-8
CBMuD1200LAS8	90	2/0	NO	3000	10	2.5	5.5	L	-40 to +105	SOP-8

Part Number	Interface Protocol	Vs+ (min)(V)	Vs+ (max)(V)	Number Rx	Number Tx	Full or Half Duplex Operation	Data Rate (max)(bps)	ESD Protection (kV)	Package
CBM485AS	RS-422/RS-485	4.75	5.25	1	1	Half	10M	15	SOP-8
CBM3085AS	RS-422/RS-485	4.75	5.25	1	1	Half	500k	15	SOP-8
CBM3485AS	RS-422/RS-485	3	3.6	1	1	Half	10M	15	SOP-8

Part Number	Interface Protocol	Vs+ (min) (V)	Vs+ (max) (V)	Number Rx	Number Tx	Shut- downion	Data Rate (max)(bps)	ESD Protection (kV)	Package
CBM232AS	RS-232	4.5	5.5	2	2	No	120k	15	SOP-16 TSSOP-16
CBM3232AS	RS-232	3	5.5	2	2	No	120k	15	SOP-16 TSSOP-16

Part Number	Vin (Min) (V)	Vin (Max) (V)	Vout (Min) (V)	Vout (Max) (V)	Iout (Max) (A)	Regulated outputs (#)	Switching frequency (Min) (kHz)	Switching frequency (Max) (kHz)	Iq (Typ) (mA)	Operating temperature range (°C)	Package
CBM1764XX-1.5,1.8,2.5,3.3,ADJ	2.7	20	1.2	20	3	1	--	--	1.5	-40 to 125	TO-263-5,TO-220-5
CBM317	3	40	1.25	37	1.5	1	--	--	10	-40 to 125	TO-263-3,TO-252-3
CBM1117XX-1.2,1.25,1.5,1.8,2.5,2.85,3.3,5	2.6	15	1.2	13.8	0.8	1	--	--	5.2	-40 to 125	SOT-223-4,TO-252-3
CBM2576XX-3.3,5V,12V,15V,ADJ	4	40	3.3	37	3	1	42	63	10	-40 to 125	TO-263-5,TO-220-5
CBM2576HVS-3.3,5V,12V,ADJ	4	60	3.3	37	3	1	42	63	10	-40 to 125	TO-263-5,TO-220-5
CBM2596XX-3.3,5V,12,ADJ	4.5	40	3.3	37	3	1	110	173	5	-40 to 125	TO-263-5,TO-220-5

Part Number	Voltage - Threshold (V)	Type	Number of Voltages Monitored	Output Type	Reset Type	Reset Pulse Width (ms)	Operating Temperature (°C)	Package
CBM705A	4.65	Power-On Reset/Watchdog Timer	1	Push-Pull	Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM706A	4.4	Power-On Reset/Watchdog Timer	1	Push-Pull	Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM706T	3.08	Power-On Reset/Watchdog Timer	1	Push-Pull	Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM706R	2.63	Power-On Reset/Watchdog Timer	1	Push-Pull	Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM706S	2.93	Power-On Reset/Watchdog Timer	1	Push-Pull	Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM707A	4.65	Power-On Reset	1	Push-Pull/Push-Pull	Active High/Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM708A	4.4	Power-On Reset	1	Push-Pull/Push-Pull	Active High/Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM708T	3.08	Power-On Reset	1	Push-Pull/Push-Pull	Active High/Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM708R	2.63	Power-On Reset	1	Push-Pull/Push-Pull	Active High/Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM708S	2.93	Power-On Reset	1	Push-Pull/Push-Pull	Active High/Active Low	160	-40 to 85	SOP-8 MSOP-8
CBM812Z	2.32	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM812R	2.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM812S	2.93	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM812T	3.08	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM812M	4.38	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM812L	4.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811Z	2.32	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4

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Part Number	Voltage – Threshold (V)	Type	Number of Voltages Monitored	Output Type	Reset Type	Reset Pulse Width (ms)	Operating Temperature (°C)	Package
CBM811R	2.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811S	2.93	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811-3T	3.08	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811T	3.08	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811M	4.38	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM811L	4.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SOT-143-4
CBM810Z	2.32	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810T	3.08	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810S	2.93	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810R	2.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810M	4.38	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810L	4.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM810J	4	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809Z	2.32	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809T	3.08	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809S	2.93	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809R	2.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809M	4.38	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809L	4.63	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM809J	4	Power-On Reset	1	Push-Pull	Active Low	140	-40 to 85	SC70-3 SOT23-3
CBM803Z	2.32	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM803T	3.08	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM803S	2.93	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM803R	4.38	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM803M	4.38	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM803L	4.63	Power-On Reset	1	Open Drain	Active Low	140	-40 to 85	SC70-3
CBM1232A	4.5	Power-On Reset/Watchdog Timer	1	Push-Pull/Open Drain	Active High/Active Low	250	-40 to 85	SOP-8 DIP-8

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时钟

Part Number	VSUPPLY (V)	Time Keeping Current (uA)	CL (pF)	Memory Type	Interface	Functions	Operating temperature range (°C)	Package
CBM555	2-15	360		555 Type, Timer/Oscillator (Single)			-40 to 125	SOP-8
CBM1307	5	0.3	12.5	NV SRAM	I2C	RTC	-40 to 85	SOP-8

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时间数字转换器

Part Number	Resolution RMS(Bit)	Standard Deviation (ps)	Measure Range	Supply Voltage Min(V)	Supply Voltage Max(V)	Output Type	Operating temperature range (°C)	Package
CBM-DC2	16	50	Mode 1: 3.5ns to 1.8us Mode 2: 500ns to 4ms	1.8	3.6	SPI	-40 to 125	QFN-32

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达林顿晶体管

Part Number	Drivers per package	Switching voltage (Max) (V)	Output voltage (Max) (V)	Peak output current (mA)	Delay time (Typ) (ns)	Input compatibility	Vol @ lowest spec current (Typ) (mV)	Iout/ch (Max) (mA)	Iout_off (Typ) (uA)	Operating temperature range (°C)	Package
CBM2003A	7	50	50	500	250	CMOS, TTL	900	500	50	-45°C + 85°C	SOP-16
CBM2004A	7	50	50	500	250	CMOS	900	500	50	-45°C + 85°C	SOP-16