



官网资讯

芯佰微电子（北京）有限公司

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芯佰微电子（北京）有限公司
COREBAI MICROELECTRONICS (BEIJING) CO.

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公司简介

芯佰微电子(北京)有限公司成立于2014年,本着以“为客户创造价值,就是我们存在的价值的理念,”专芯发展“用芯服务“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。充足的资金实力和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11大类300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为放大器、接口电路、电源管理,时间数字转换器、DAC数模转换、ADC模数转换等。

2014年
成立

产品广泛应用于手持移动终端、消费类电子产品、个人电脑及周边,网络、电信设备、医疗设备、办公设备、自动驾驶汽车中车载摄像头解决方案、域控制器等。

40+
布图专利

产品具有高可靠性、低功耗及适应便携式应用等特点,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,更加确保了产品的产能及质量,最大限度维护了客户的利益。拥有来自第三方的先进生产线及强大产能支持,追求技术水平的持续提高及生产成本的控制。

300+
产品11大类

芯佰微电子(北京)有限公司组成:设计团队、销售团队、市场开拓团队。

设计团队:主要成员均具有10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:销售主管在芯片销售渠道内已经潜心经营10多年,对市场预判与变化,具有良好的洞察性。在北京、珠三角、香港、台湾均有分布销售网点。与各区域的芯片销售代理商拥有良好的、长期的合作关系。

企业文化



企业使命

通过科技创新创造智能社会



企业愿景

成为值得信赖和尊敬的一流企业



核心价值观

价值创造,给客户创造价值 诚信:诚实守信,实践积累
团队协作:共享共担,平等合作 优异:拒绝平庸,精益求精
拥抱变化:迎接变化,勇于创新 敬业:专业执着,突破自我

COREVAI



HONORS AND QUALIFICATIONS

荣誉资质



DEVELOPMENT PROCESS

发展历程

2014

芯佰微电子（北京）有限公司成立

2015

申请专利累计达到20余项，发明专利10项，实用新型发明专利10项，布局专利3项。

2017

销售业绩突破历史新高，产品得到广大用户的认可。

2016

高速14位DAC，2.5GSPS、高性能RF数模转换器流片成功，得到了广大客户的认可，并在产品应用方案内广泛使用。

2018

天津成立芯片研发设计部，设定新的产品研发方向。

2019

首批签约10家芯片销售代理商，全方位进行产品的市场推广。

2021

芯佰微电子（深圳）有限公司正式成立。

2020

芯片设计研发团队再次扩张，公司总部入驻北京集成电路设计产业园 IC-PARK。

2022

电压基准、模拟开关与多路复用器芯片同步启动设计研发工作。

2023

高速高精度ADC CBM96AD53研发中。致力于更高速高精度ADC,DAC的设计研发。

PRODUCTS

产品介绍

High Speed A/D Converters: CBM16AD125
 High Speed A/D Converters: CBM94AD67
 High Speed A/D Converters: CBM96AD53

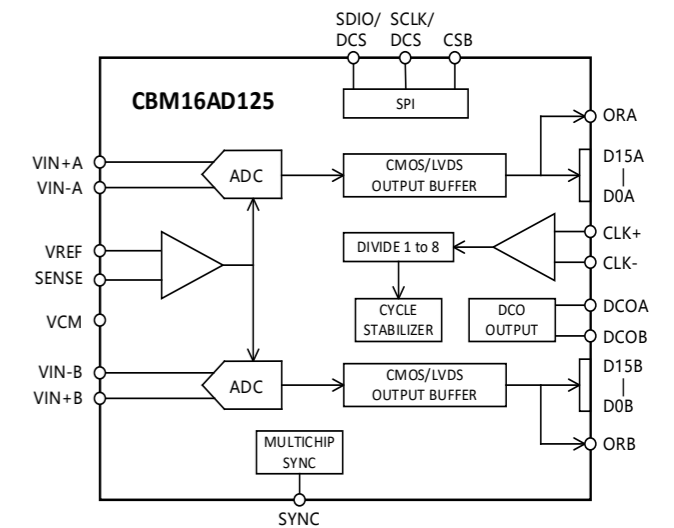
- | | |
|-----------------|--------------------|
| 高速模数转换器 (ADC) | 低噪声运算放大器 |
| 精密模数转换器 (ADC) | 纳安级功耗运算放大器 |
| 高速数模转换器 DAC | 高压通用运算放大器 |
| 精密数模转换器 DAC | 数字隔离器 |
| 直接数字频率合成器 (DDS) | 比较器 |
| 正交数字上变频器 (QDUC) | 接口 RS-485 和 RS-422 |
| USB 控制器 | 接口 RS-232 |
| 以太网控制器 | 电源管理 |
| 模拟开关与多路复用器 | 低成本微处理器监控电路 |
| 电压基准 | 时钟 |
| CAN 收发器 | 达林顿晶体管 |
| 逻辑门 | |
| 高速运算放大器 | |
| 精密运算放大器 | |
| 通用运算放大器 | |

High Speed A/D Converters: CBM16AD125

16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter

FEATURES:

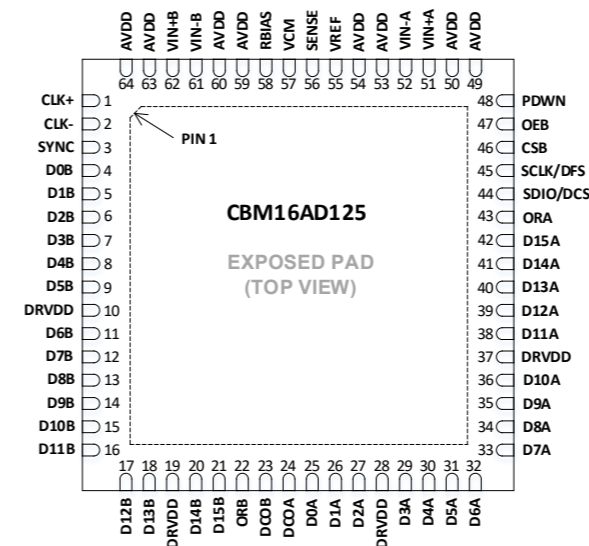
- SNR = 78 dBFS @ 70 MHz and 125 MSPS
- SFDR = 88 dBc @ 70 MHz and 125 MSPS
- Low power: 800 mW @ 125 MSPS
- 1.8 V analog supply operation
- 1.8 V CMOS or LVDS output supply
- Integer 1-to-8 input clock divider
- IF sampling frequencies to 300 MHz
 - 153.6 dBm/Hz small-signal input noise with 200 Ω input impedance @ 70 MHz and 125 MSPS
- Optional on-chip dither
- Programmable internal ADC voltage reference



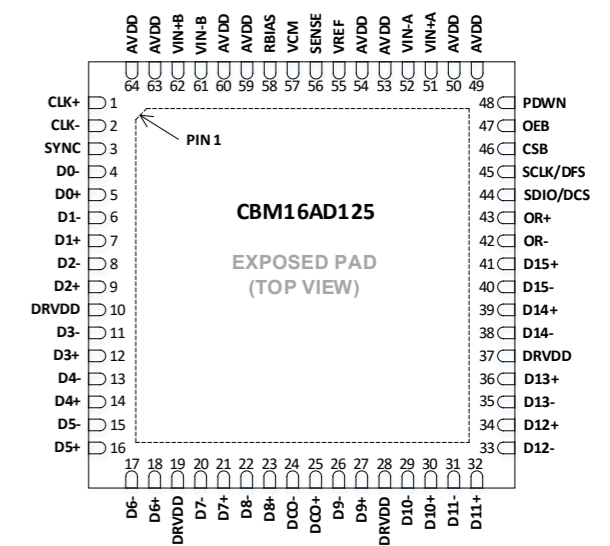
Functional block diagram

Note: Pin names are for the CMOS pin configuration only

PIN CONFIGURATIONS



QFN Parallel CMOS Pin Configuration
(Top View)



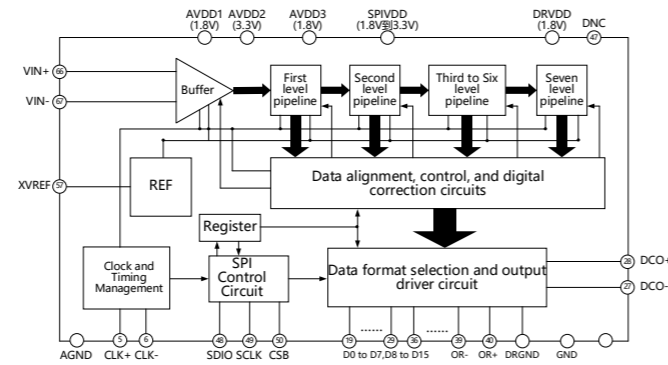
QFN Interleaved Parallel LVDS Pin Configuration
(Top View)

High Speed A/D Converters: CBM94AD67

16-Bit, 200 MSPS/250 MSPS Analog-to-Digital Converter

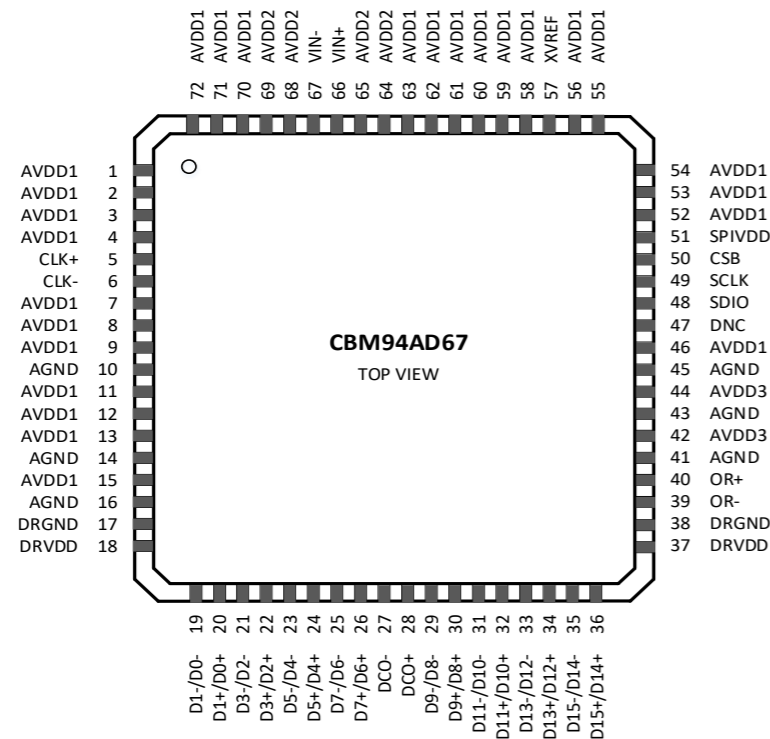
FEATURES:

- SNR: 75dBFS(170 MHz @ 250 MSPS)
- SFDR: 85dBc(170 MHz @ 250 MSPS)
- 60 fs rms jitter
- Excellent linearity at 250 MSPS
- DNL = ±0.5 LSB typical
- INL = ±3.5 LSB typical



Functional block diagram

PIN CONFIGURATIONS



CBM94AD67 Pin Configuration

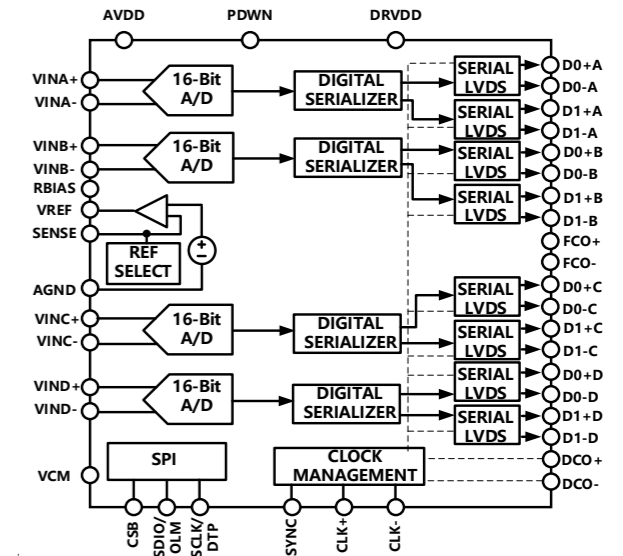
QFN-56 Pin Configuration, Top View

High Speed A/D Converters: CBM96AD53

Quad, 16-Bit, 125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter

FEATURES:

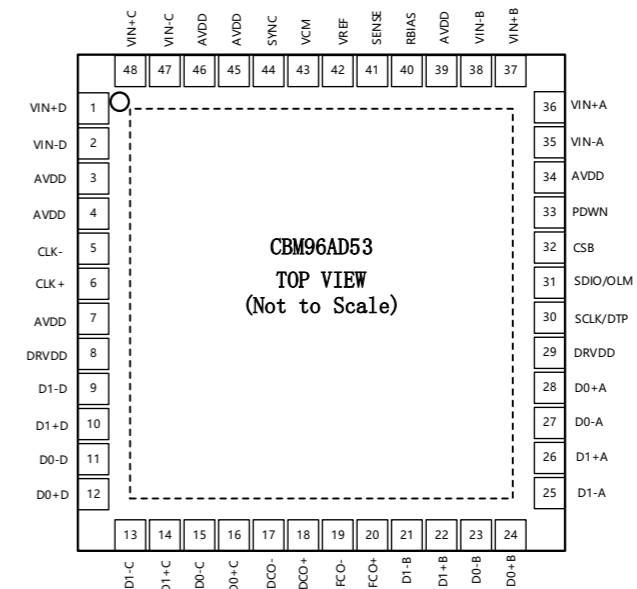
- 1.8 V supply operation
- Low power: 173 mW per channel at 125 MSPS with scalable power options
- SNR = 76.5 dBFS @ 70 MHz (2.0Vp-p input span)
- SNR = 77.5 dBFS @ 70 MHz (2.6Vp-p Input span)
- SFDR = 90 dBc (to Nyquist)
- DNL = ±0.7 LSB (typical); INL = ±3.5 LSB (typical)
- Serial LVDS (ANSI-644, default) and low power, reduced signal option (similar to IEEE 1596.3)
- 650 MHz full power analog bandwidth
- 2V p-p input voltage range (supports up to 2.6 V p-p)
- Serial port control



Functional block diagram

Note: Pin names are for the CMOS pin configuration only

PIN CONFIGURATIONS



QFN-48 Pin Configuration, Top View

高速模数转换器 (ADC)

PRODUCT DATA 产品数据

| 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 | Replace |
|---------------|-------------------|-------------------|----------|----------------------------------|---------------------------------------|------------------------|------------------------|----------|----------------|
| CBM08AD1500QP | 8 | 1500 | 2 | 44.5 | 54 | 500 | -40 to 85 | TQFP-128 | ADC08D1500CIYB |
| CBM94AD34-500 | 12 | 500 | 1 | 63 | 72 | 900 | -40 to 85 | QFN-56 | AD9434BCPZ-500 |
| CBM41AD49QF | 14 | 250 | 1 | 70 | 65 | 270 | -40 to 85 | QFN-48 | ADS4149IRGZT |
| CBM16AD125Q | 16 | 125 | 2 | 78 | 88 | 800 | -40 to 85 | QFN-64 | AD9268BCPZ-125 |
| CBM16AD105Q | 16 | 105 | 2 | 78 | 88 | 615 | -40 to 85 | QFN-64 | AD9268BCPZ-105 |
| CBM16AD80Q | 16 | 80 | 2 | 78 | 88 | 490 | -40 to 85 | QFN-64 | AD9268BCPZ-80 |
| CBM94AD67-250 | 16 | 250 | 1 | 75 | 85 | 1250 | -40 to 85 | QFN-72 | AD9467BCPZ-250 |
| CBM96AD56-125 | 16 | 125 | 4 | 79 | 93.2 | 706 | -40 to 85 | QFN-56 | AD9656BCPZ-125 |
| CBM96AD53-125 | 14 | 125 | 4 | 74 | 90 | 695 | -40 to 85 | QFN-48 | AD9653BCPZ-125 |
| CBM92AD65-125 | 16 | 125 | 1 | 79 | 93 | 410 | -40 to 85 | QFN-48 | AD9265BCPZ-125 |
| CBM92AD65-105 | 16 | 105 | 1 | 79 | 93 | 352 | -40 to 85 | QFN-48 | AD9265BCPZ-105 |
| CBM92AD65-80 | 16 | 80 | 1 | 79 | 93 | 263 | -40 to 85 | QFN-48 | AD9265BCPZ-80 |

精密模数转换器 (ADC)

PRODUCT DATA 产品数据

| 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 | Replace |
|-------------|-------------------|-------------------|----------|----------------------------------|---------------------------------------|------------------------|------------------------|---------|------------|
| CBM24AD99Q | 24 | 16 | 8 | 121 | - | 39 | -40 to 85 | TQFP-64 | ADS1299 |
| CBM24AD98Q | 24 | 32 | 8 | 112 | - | 17.5 | -40 to 85 | TQFP-64 | ADS1298 |
| CBM76AD06G | 16 | 200 | 8 | 89 | 106 | 130 | -40 to 85 | LQFP-64 | AD7606BSTZ |
| CBM79AD60G | 18 | 5000 | 1 | 95.5 | 96.5 | 64.5 | -40 to 85 | QFN-32 | AD7960BCPZ |

高速数模转换器 DAC

PRODUCT DATA 产品数据

| 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 | Replace |
|-------------|-------------------|-------------------|----------|---------------------------------------|-----------------------------|--|--------------------------------|------------------------|-----------------------|----------|-------------|
| CBM97D39BG | 14 | 2500 | 1 | 72 | Programmable output current | 80 | -165 | 1050 | -40 to 85 | PBGA-160 | AD9739BBCZ |
| CBM97D39AG | 14 | 2500 | 1 | 72 | Programmable output current | 80 | -165 | 1050 | -40 to 85 | PBGA-160 | AD9739ABBCZ |
| CBM97D79TQ | 16 | 1000 | 2 | 82 | Programmable output current | 81 | -159 | 1100 | -40 to 85 | TQFP-100 | AD9779BSVZ |

精密数模转换器 DAC

PRODUCT DATA 产品数据

| Part Number | Resolution (bits) | Supply Voltage(V) | INL/DNL (LSB) | Channels | Output Feature | Differential Output | Data Interface | Output Voltage Settling Time (us) | Temperature Range (°C) | Package | Replace |
|--------------|-------------------|-------------------|------------------|----------|--------------------|---------------------|----------------|-----------------------------------|------------------------|----------|-----------------|
| CBM53D04BMS | 8 | 2.5-5.5 | ±0.15,±0.02 | 4 | Voltage - Buffered | N | SPI | 6 | -40 to 125 | MSOP-10 | AD5304BRMZ |
| CBM53D04AMS | 8 | 2.5-5.5 | ±0.15,±1 | 4 | Voltage - Buffered | N | SPI | 8 | -40 to 125 | MSOP-10 | AD5304ARMZ |
| CBM53D04AQF | 8 | 2.5-5.5 | ±0.15,±1 | 4 | Voltage - Buffered | N | SPI | 8 | -40 to 125 | QFN-10 | AD5304ACPZ |
| CBM53D14AQF | 10 | 2.5-5.5 | ±0.5,±0.05 | 4 | Voltage - Buffered | N | SPI | 9 | -40 to 125 | QFN-10 | AD5314ACPZ |
| CBM53D14AMS | 10 | 2.5-5.5 | ±0.5,±0.05 | 4 | Voltage - Buffered | N | SPI | 9 | -40 to 125 | MSOP-10 | AD5314ARMZ |
| CBM53D14BQF | 10 | 2.5-5.5 | ±0.5,±0.05 | 4 | Voltage - Buffered | N | SPI | 9 | -40 to 125 | QFN-10 | AD5314BCPZ |
| CBM53D14BMS | 10 | 2.5-5.5 | ±0.5,±0.05 | 4 | Voltage - Buffered | N | SPI | 9 | -40 to 125 | MSOP-10 | AD5314BRMZ |
| CBM53D24AQF | 12 | 2.5-5.5 | ±2, ±0.2 | 4 | Voltage - Buffered | N | SPI | 10 | -40 to 125 | QFN-10 | AD5324ACPZ |
| CBM53D24AMS | 12 | 2.5-5.5 | ±2, ±0.2 | 4 | Voltage - Buffered | N | SPI | 10 | -40 to 125 | MSOP-10 | AD5324ARMZ |
| CBM53D24BQF | 12 | 2.5-5.5 | ±2, ±0.2 | 4 | Voltage - Buffered | N | SPI | 10 | -40 to 125 | QFN-10 | AD5324BCPZ |
| CBM53D24BMS | 12 | 2.5-5.5 | ±2, ±0.2 | 4 | Voltage - Buffered | N | SPI | 10 | -40 to 125 | MSOP-10 | AD5324BRMZ |
| CBM128S085TS | 12 | 2.7-5.5 | ±2, +0.15/-0.09 | 8 | Voltage - Buffered | N | SPI | 8.5 | -40 to 105 | TSSOP-16 | DAC128S085CIMTX |
| CBM128S085QS | 12 | 2.7-5.5 | ±2, +0.15/-0.09 | 8 | Voltage - Buffered | N | SPI | 8.5 | -40 to 105 | QFN-16 | DAC128S085CISQX |
| CBM108S085TS | 10 | 2.7-5.5 | ±0.5,+0.08/-0.04 | 8 | Voltage - Buffered | N | SPI | 6 | -40 to 105 | TSSOP-16 | DAC108S085CIMTX |
| CBM108S085QS | 10 | 2.7-5.5 | ±0.5,+0.08/-0.04 | 8 | Voltage - Buffered | N | SPI | 6 | -40 to 105 | QFN-16 | DAC108S085CISQX |

直接数字频率合成器 (DDS)

PRODUCT DATA 产品数据

| Part Number | Resolution (bits) | Reference Clock Frequency(MHz) | Channels | Spurious-Free Dynamic Range (SFDR)(dB) | Output Feature | Adjacent channel Leakage Radio(ACLR)(dB) | Noise Spectral Density (dB/hz) | Power Consumption (mW) | Temperature Range (°C) | Package | Replace |
|-------------|-------------------|--------------------------------|----------|--|---|--|--------------------------------|------------------------|------------------------|----------|------------|
| CBM99D10BQ | 14 | 1000 | 1 | 80 | Open-Drain Complementary current Source | -- | -- | 723 | -40 to 85 | TQFP-100 | AD9910BSVZ |

正交数字上变频器 (QDUC)

PRODUCT DATA 产品数据

| Part Number | Resolution (bits) | Reference Clock Frequency(MHz) | Channels | Spurious-Free Dynamic Range (SFDR)(dB) | Output Feature | Adjacent channel Leakage Radio(ACLR)(dB) | Noise Spectral Density (dB/hz) | Power Consumption (mW) | Temperature Range (°C) | Package | Replace |
|-------------|-------------------|--------------------------------|----------|--|---|--|--------------------------------|------------------------|------------------------|----------|------------|
| CBM99D57BQ | 14 | 1000 | 1 | 80 | Open-Drain Complementary current Source | 76 | 166 | 810 | -40 to 85 | TQFP-100 | AD9957BSVZ |

USB 控制器

PRODUCT DATA 产品数据

| Part Number | VCC (Min)(V) | VCC (Max)(V) | Core Processor | RAM Size | Function | Protocol Compatibility | System Interface | Temperature Range (°C) | Package | Replace |
|-----------------|--------------|--------------|----------------|----------|-----------------------|------------------------|----------------------|------------------------|----------|-------------------|
| CBM9002A-56SCG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | 0 to 70 | SSOP-56 | CY7C68013A-56PVXC |
| CBM9002A-56BCG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | 0 to 70 | BGA-56 | CY7C68013A-56BAXC |
| CBM9002A-56LCG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | 0 to 70 | QFN-56 | CY7C68013A-56LTXC |
| CBM9002A-56ISG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | -40 to 105 | SSOP-56 | CY7C68013A-56PVXI |
| CBM9002A-56IBG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | -40 to 105 | BGA-56 | CY7C68013A-56BAXI |
| CBM9002A-56ILG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | -40 to 105 | QFN-56 | CY7C68013A-56LTXI |
| CBM9002A-100TCG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | -0 to 70 | TQFP-100 | CY7C68013A-100AXC |
| CBM9002A-100TIG | 3 | 3.6 | 8051 | 16K×8 | USB Device Controller | USB 2.0 | Slave-FIFO,GPIF,GPIO | -40 to 105 | TQFP-100 | CY7C68013A-100AXI |
| CBM9001A-48AG | 3 | 3.6 | - | 256×8 | Host/Slave Controller | USB 1.1 | Parallel 8bit,DMA | -40 to 85 | TQFP-48 | SL811HST-AXC |

以太网控制器

PRODUCT DATA 产品数据

| Part Number | Supply Voltage(V) | Digital Interface | PHY Speed | Protocol | Package | Temperature Range (°C) | Replace |
|-------------|-------------------|--|-----------|------------|---------|------------------------|-----------|
| CBM1001A-Q | 3.3 | General Processor Interface 8bit/16bit | 10M/100M | IEEE802.3x | TQFP-48 | 0 to 70 | DM9000AEP |

电压基准

PRODUCT DATA 产品数据

| Part Number | VO (V) | Reference Voltage (V) | Vin (min) (V) | Vin (max) (V) | Initial accuracy (max) (%) | Iout/Iz (max) (mA) | Temp coeff (typ) (ppm/°C) | Iq (typ) (mA) | Temperature Range (°C) | Package | Replace |
|-------------|------------|-----------------------|---------------|---------------|----------------------------|--------------------|---------------------------|---------------|------------------------|-----------------|---------|
| CBM2912 | 1.25 | -- | 1.8 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2912 |
| CBM2920 | 2.048 | -- | 2.049 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2920 |
| CBM2925 | 2.5 | -- | 2.501 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2925 |
| CBM2930 | 3 | -- | 3.001 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2930 |
| CBM2933 | 3.3 | -- | 3.301 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2933 |
| CBM2940 | 4.096 | -- | 4.097 | 5.5 | 2 | 25 | 35 | 0.042 | -40 to 125 | SOT23-3 | REF2940 |
| CBM431 | Adjustable | 2.495 | -- | -- | 2 | -- | -- | 0.042 | -40 to 125 | SOT23-3/SOT89-3 | TL431 |
| CBM432 | Adjustable | 1.24 | -- | -- | 2 | -- | -- | 0.042 | -40 to 125 | SOT23-3/SOT89-3 | TL432 |

CAN 收发器

PRODUCT DATA 产品数据

| Part Number | CAN Channels | MCU I/O Interface (V) | Vin(Min to Max)(V) | Low Power Modes | Data Rate [min] kbps | Data Rate [max] kbps | Voltage on bus pins [Min-Max] (V) | VIO Option Available | GPIO | Temperature Range (°C) | Package | Replace |
|-------------|--------------|-----------------------|--------------------|-----------------|----------------------|----------------------|-----------------------------------|----------------------|------|------------------------|---------|---------|
| CBM1040A | 1 | 5 | 4.75 to 5.25 | Standby Mode | 40 | 1000 | -27 to 40 | N | 8 | -40 to 150 | SOP-8 | TJA1040 |
| CBM1050A | 1 | 5 | 4.75 to 5.25 | Silent mode | 40 | 1000 | -27 to 40 | N | 8 | -40 to 150 | SOP-8 | TJA1050 |

| Part Number | Device Configs | Power Supply Voltage-Single(min) (V) | Power Supply Voltage-Single(max) (V) | Power Supply Voltage-Dual(typ) (V) | Switch Ron(typ) (Ohms) | Switch Ron Flatness(typ) (Ohms) | Leakage Switch ON (typ) (pA) | Off Isolation (dB) | BW -3 dB (typ)(MHz) | Interface | Temperature Range (°C) | Package | Replace |
|--------------|----------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------|---------------------------------|------------------------------|--------------------|---------------------|-----------|-------------------------|----------|------------|
| CBMG719AST6 | (2: 1) ×1 | 1.8 | 5.5 | -- | 2.5 | 0.75 | 10 | -87 | 200 | Parallel | -40 to 125 | SOT23-6 | ADG719BRTZ |
| CBMG719AMS8 | (2: 1) ×1 | 1.8 | 5.5 | -- | 2.5 | 0.75 | 10 | -87 | 200 | Parallel | -40 to 125 | MSOP-8 | ADG719BRMZ |
| CBMG708ATS16 | (8: 1) ×1 | 1.8 | 5.5 | ±2.5 | 3 | 0.75 | 10 | -80 | 55 | Parallel | -40 to 125 | TSSOP-16 | ADG708BRUZ |
| CBMG709ATS16 | (4: 1) ×2 | 1.8 | 5.5 | ±2.5 | 3 | 0.75 | 10 | -80 | 55 | Parallel | -40 to 125 | TSSOP-16 | ADG709BRUZ |
| CBMG721AQF8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | QFN-8 | ADG721ACPZ |
| CBM721AMS8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | MSOP-8 | ADG721BRMZ |
| CBMG722AQF8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | QFN-8 | ADG722ACPZ |
| CBM722AMS8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | MSOP-8 | ADG722BRMZ |
| CBMG723AQF8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | QFN-8 | ADG723ACPZ |
| CBMG723AMS8 | (1: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -80 | 200 | Parallel | -40 to 85 | MSOP-8 | ADG723BRMZ |
| CBMG701AST5 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | SOT23-5 | ADG701BRJZ |
| CBMG701AST6 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | SOT23-6 | ADG701BRTZ |
| CBMG701AMS8 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | MSOP-8 | ADG701BRMZ |
| CBMG702AST5 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | SOT23-5 | ADG702BRJZ |
| CBMG702AST6 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | SOT23-6 | ADG702BRTZ |
| CBMG702AMS8 | (1: 1) ×1 | 1.8 | 5.5 | -- | 2 | 0.5 | 10 | -75 | 200 | Parallel | -40 to 85 | MSOP-8 | ADG702BRMZ |
| CBMG736AMS8 | (2: 1) ×2 | 1.8 | 5.5 | -- | 2 | 0.45 | 10 | -82 | 200 | Parallel | -40 to 125 | MSOP-10 | ADG736BRMZ |
| CBMG711ATS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | TSSOP-16 | ADG711BRUZ |
| CBMG711AS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | SOP-16 | ADG711BRZ |
| CBMG712ATS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | TSSOP-16 | ADG712BRUZ |
| CBMG712AS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | SOP-16 | ADG712BRZ |
| CBMG713ATS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | TSSOP-16 | ADG713BRUZ |

| Part Number | Device Configs | Power Supply Voltage-Single(min) (V) | Power Supply Voltage-Single(max) (V) | Power Supply Voltage-Dual(typ) (V) | Switch Ron(typ) (Ohms) | Switch Ron Flatness(typ) (Ohms) | Leakage Switch ON (typ) (pA) | Off Isolation (dB) | BW -3 dB (typ)(MHz) | Interface | Temperature Range (°C) | Package | Replace |
|--------------|----------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------|---------------------------------|------------------------------|--------------------|---------------------|-----------|-------------------------|----------|------------|
| CBMG713AS16 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2 | 0.3 | 10 | -78 | 200 | Parallel | -40 to 85 | SOP-16 | ADG713BRZ |
| CBMG781AQF20 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2.5 | 0.5 | 10 | -78 | 200 | Parallel | -40 to 85 | QFN-20 | ADG781BCPZ |
| CBMG782AQF20 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2.5 | 0.5 | 10 | -78 | 200 | Parallel | -40 to 85 | QFN-20 | ADG782BCPZ |
| CBMG783AQF20 | (1: 1) ×4 | 1.8 | 5.5 | -- | 2.5 | 0.5 | 10 | -78 | 200 | Parallel | -40 to 85 | QFN-20 | ADG783BCPZ |
| CBMG726AQF48 | (16: 1) ×2 | 1.8 | 5.5 | ±2.5 | 4 | 0.5 | 50 | -72 | 34 | Parallel | -40 to 85 | QFN-48 | ADG726BCPZ |
| CBMG726ATQ48 | (16: 1) ×2 | 1.8 | 5.5 | ±2.5 | 4 | 0.5 | 50 | -72 | 34 | Parallel | -40 to 85 | TQFP-48 | ADG726BSUZ |
| CBMG732AQF48 | (32: 1) ×1 | 1.8 | 5.5 | ±2.5 | 4 | 0.5 | 50 | -72 | 18 | Parallel | -40 to 85 | QFN-48 | ADG732BCPZ |
| CBMG732ATQ48 | (32: 1) ×1 | 1.8 | 5.5 | ±2.5 | 4 | 0.5 | 50 | -72 | 18 | Parallel | -40 to 85 | TQFP-48 | ADG732BSUZ |
| CBMG704AMS10 | (4: 1) ×1 | 1.8 | 5.5 | -- | 2.5 | 0.5 | 10 | -80 | 200 | Parallel | -40 to 85 | MSOP-10 | ADG704BRM |
| CBMG706ATS28 | (16: 1) ×1 | 1.8 | 5.5 | ±2.5 | 2.5 | 0.5 | 10 | -80 | 25 | Parallel | -40 to 85 | TSSOP-28 | ADG706BRUZ |
| CBMG707ATS28 | (8: 1) ×2 | 1.8 | 5.5 | ±2.5 | 2.5 | 0.5 | 10 | -80 | 36 | Parallel | -40 to 85 | TSSOP-28 | ADG707BRUZ |
| CBMG714AQF24 | (1: 1) ×8 | 2.7 | 5.5 | ±2.5 | 2.5 | 0.6 | 10 | -80 | 155 | SPI | -40 to 85 | QFN-24 | ADG714BCPZ |
| CBMG714ATS24 | (1: 1) ×8 | 2.7 | 5.5 | ±2.5 | 2.5 | 0.6 | 10 | -80 | 155 | SPI | -40 to 85 | TSSOP-24 | ADG714BRUZ |
| CBMG715ATS24 | (1: 1) ×8 | 2.7 | 5.5 | ±2.5 | 2.5 | 0.6 | 10 | -80 | 155 | I2C | -40 to 85 | TSSOP-24 | ADG715BRUZ |
| CBMG728ATS16 | (8: 1) ×1 | 2.7 | 5.5 | -- | 2.5 | 0.75 | 10 | -75 | 65 | I2C | -40 to 85 | TSSOP-16 | ADG728BRUZ |
| CBMG729ATS16 | (4: 1) ×2 | 2.7 | 5.5 | -- | 2.5 | 0.75 | 10 | -75 | 100 | I2C | -40 to 85 | TSSOP-16 | ADG729BRUZ |
| CBMG733ATS16 | (2: 1) ×3 | 1.8 | 5.5 | ±2.5 | 2.5 | 0.5 | 10 | -72 | 160 | Parallel | -40 to 85 | TSSOP-16 | ADG733BRUZ |
| CBMG733AQS16 | (2: 1) ×3 | 1.8 | 5.5 | ±2.5 | 2.5 | 0.5 | 10 | -72 | 160 | Parallel | -40 to 85 | QSOP-16 | ADG733BRQZ |
| CBMG734ATS20 | (2: 1) ×4 | 1.8 | 5.5 | ±2.5 | 2.5 | 0.5 | 10 | -72 | 160 | Parallel | -40 to 85 | TSSOP-20 | ADG734BRUZ |
| CBMG738ATS16 | (8: 1) ×1 | 2.7 | 5.5 | -- | 2.5 | 0.75 | 10 | -75 | 65 | SPI | -40 to 105 | TSSOP-16 | ADG738BRUZ |
| CBMG739ATS16 | (4: 1) ×2 | 2.7 | 5.5 | -- | 2.5 | 0.75 | 10 | -75 | 100 | SPI | -40 to 85 | TSSOP-16 | ADG739BRUZ |

| Part Number | Supply voltage (min)(V) | Supply voltage (max) (V) | Subcategory | Technology family | Inputs per channel | IOL (max) (mA) | IOH (max) (mA) | Input type | Output type | Data rate (max) (Mbps) | Temperature Range(°C) | Package | Replace |
|---------------|-------------------------|--------------------------|-------------|-------------------|--------------------|----------------|----------------|-----------------|-------------|------------------------|-----------------------|----------------|--------------|
| CBM74AHC1G00 | 2 | 5.5 | 与非门 | AHC | 2 | 8 | -8 | Standard CMOS | Push-Pull | 110 | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G00 |
| CBM74AHC1G02 | 2 | 5.5 | 或非门 | AHC | 2 | 8 | -8 | Standard CMOS | Push-Pull | 110 | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G02 |
| CBM74AHC1G04 | 2 | 5.5 | 非门 | AHC | 1 | 8 | -8 | Standard CMOS | Push-Pull | -- | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G04 |
| CBM74AHC1G08 | 2 | 5.5 | 与门 | AHC | 2 | 8 | -8 | Standard CMOS | Push-Pull | 110 | -55 to 125 | SOT23-5/SC70-5 | SN74AHC1G08 |
| CBM74AHC1G14 | 2 | 5.5 | 非门 | AHC | 1 | 8 | -8 | Schmitt-Trigger | Push-Pull | -- | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G14 |
| CBM74AHC1GU04 | 2 | 5.5 | 非门 | AHC | 1 | 8 | -8 | Standard CMOS | Push-Pull | -- | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1GU04 |
| CBM74AHC1G09 | 2 | 5.5 | 与门 | AHC | 2 | 8 | 0 | Standard CMOS | Open-drain | 110 | -55 to 125 | SOT23-5/SC70-5 | SN74AHC1G09 |
| CBM74AHC1G32 | 2 | 5.5 | 或门 | AHC | 2 | 8 | -8 | Standard CMOS | Push-Pull | 110 | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G32 |
| CBM74AHC1G86 | 2 | 5.5 | XOR (异或) 门 | AHC | 2 | 8 | -8 | Standard CMOS | Push-Pull | 110 | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G86 |
| CBM74AHC1G125 | 2 | 5.5 | 同相缓冲器和驱动器 | AHC | 1 | 8 | -8 | Standard CMOS | 3-State | -- | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G125 |
| CBM74AHC1G126 | 2 | 5.5 | 同相缓冲器和驱动器 | AHC | 1 | 8 | -8 | Standard CMOS | 3-State | -- | -40 to 125 | SOT23-5/SC70-5 | SN74AHC1G126 |

| 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) | Temperature Range (°C) | Package | Replace |
|-------------|------------------------|---------------|---------------------|-------------------------------|------------------------------|-------------------|--------------------------|----------------|-------------|------------------------|---|---------|
| CBM8051 | 1 | 250 | 180 | 2.5 | 5.5 | 8 | 4.9 | 2.9 | 1 | -40 to 125 | SC70-5 SC70-6 SOT23-5 SOT23-6 SOP-8 | AD8051 |
| CBM8052 | 2 | 250 | 180 | 2.5 | 5.5 | 8 | 4.9 | 2.9 | 1 | -40 to 125 | SOP-8 MSOP-8 TSSOP-8 | AD8052 |
| CBM8054 | 4 | 250 | 180 | 2.5 | 5.5 | 8 | 4.9 | 2.9 | 1 | -40 to 125 | SOP-4 TSSOP-14 | AD8054 |
| CBM8091 | 1 | 350 | 232 | 2.5 | 5.5 | 8 | 4.3 | 4.2 | 1 | -40 to 125 | SC70-5 SOT23-5 SOP-8 | AD8091 |
| CBM8092 | 2 | 350 | 232 | 2.5 | 5.5 | 8 | 4.3 | 4.2 | 1 | -40 to 125 | SOP-8 MSOP-8 TSSOP-8 | AD8092 |
| CBM8094 | 4 | 350 | 232 | 2.5 | 5.5 | 8 | 4.3 | 4.2 | 1 | -40 to 125 | SOP-4 TSSOP-14 | AD8094 |

| 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) | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|-----------------------------------|-----------------------|-------------|--------------------------|--------------------------|------------------|-------------------------------|-------------------------------|---------------|----------------------|------------------|--------------------|--------------|---------------|-----------------------|----------------------|---------|
| CBM8601 | 1 | 80 | 2 | 1 | -- | 33 | In,Out | 2.7 | 5.5 | 8.5 | 5 | -- | 100 | 85 | -40 to 125 | SOT23-5 | AD8601 | |
| CBM8602 | 2 | 80 | 2 | 1 | -- | 33 | In,Out | 2.7 | 5.5 | 8.5 | 5 | -- | 100 | 85 | -40 to 125 | SOP-8 MSOP-8 | AD8602 | |
| CBM8604 | 4 | 80 | 2 | 1 | -- | 33 | In,Out | 2.7 | 5.5 | 8.5 | 5 | -- | 100 | 85 | -40 to 125 | SOP-14 TSSOP-14 | AD8604 | |
| 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 | AD8605 |
| 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 | AD8606 |
| 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 | AD8608 |
| 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 | AD8655 |
| 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 | AD8656 |
| 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 | AD8551 |
| 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 | AD8552 |
| 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 | AD8554 |
| 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 | AD8538 |
| 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 | AD8539 |
| 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 | OPA333 |
| 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 | OPA2333 |

| 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) | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|-----------------------------------|-----------------------|-------------|--------------------------|--------------------------|------------------|-------------------------------|-------------------------------|---------------|----------------------|------------------|--------------------|--------------|---------------|-----------------------|----------------------|---------|
| 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 | TLV4333 |
| 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 | TLV376 |
| 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 | TLV2376 |
| 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 | TLV4376 |
| 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 | OPA330 |
| 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 | OPA2330 |
| 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 | OPA4330 |
| 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 | TLV333 |
| 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 | TLV2333 |
| 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 | TLV4333 |
| 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 | MCP6021 |
| 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 | MCP6022 |
| 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 | MCP6024 |
| CBM27A | 1 | 26 | 0.2 | 10000 | 0.09 | 3 | -- | 8 | 36 | 8 | 2.8 | 3330 | -- | 125 | 130 | -40 to 125 | SOP-8 | OP27A |
| CBM27G | 1 | 100 | 0.4 | 15000 | 0.1 | 3.1 | -- | 8 | 36 | 8 | 2.8 | 3500 | -- | 123 | 125 | -40 to 125 | SOP-8 | OP27G |

| 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 (μV/°C) | IB Typ (pA) | Iq/Amp Typ(μA) | Rail-to-Rail I/O | Aol Typ (dB) | CMRR Typ(dB) | Additional Feature | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|---------------|----------------------|-------------------------------|-------------------------------|--------------------------|-------------------|-----------------------|-------------|----------------|------------------|--------------|--------------|----------------------------|-----------------------|----------------------------|---------|
| 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 | LMV321 |
| 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 | LMV358 |
| 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 | LMV324 |
| 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 | AD8541 |
| 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 | AD8542 |
| 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 | AD8544 |
| 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 | MCP6001 |
| 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 | MCP6002 |
| 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 | MCP6004 |
| 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 | AD8531 |
| 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 | AD8532 |
| 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 | AD8534 |
| 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 | TLV2451 |
| 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 | TLV2452 |
| 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 | TLV2454 |

低噪声运算放大器

PRODUCT DATA 产品数据

| 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 (μV/°C) | IB Typ (pA) | Iq/Amp Typ(μA) | Rail-to-Rail I/O | Aol Typ(dB) | CMRR Typ(dB) | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|--------------------------|---------------|----------------------|-------------------------------|-------------------------------|-------------------|-----------------------|-------------|----------------|------------------|-------------|--------------|-----------------------|----------------------------|---------|
| 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 | AD8631 |
| 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 | AD8632 |
| 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 | AD8634 |
| 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 | LMV721 |
| 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 | LMV722 |
| 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 | TLV4316 |
| 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 | OPA374 |
| 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 | OPA2374 |
| 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 | OPA4374 |

纳安级功耗运算放大器

PRODUCT DATA 产品数据

| 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 (μV/°C) | IB Typ (pA) | Aol Typ (dB) | CMRR Typ (dB) | Rail-to-Rail I/O | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|----------------|-------------------------------|-------------------------------|---------------|---------------------|--------------------------|--------------------|-----------------------|-------------|--------------|---------------|------------------|-----------------------|--------------------|---------|
| 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 | MCP6041 |
| 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 | MCP6042 |
| 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 | MCP6044 |
| 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 | AD8500 |
| 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 | AD8502 |
| 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 | AD8504 |
| CBM8045 | 1 | 600 | 1.4 | 5.5 | 100 | 40 | -- | 3 | 2.5 | 1 | 84 | 77 | In,Out | -40 to 125 | SOT23-5/ SC70-5 | |
| CBM8046 | 2 | 600 | 1.4 | 5.5 | 100 | 40 | -- | 3 | 2.5 | 1 | 84 | 77 | In,Out | -40 to 125 | SOP-8/ MSOP-8 | |
| CBM8047 | 1 | 600 | 1.4 | 5.5 | 100 | 40 | -- | 3 | 2.5 | 1 | 84 | 77 | In,Out | -40 to 125 | SOT23-6/ SC70-6 | |

高压通用运算放大器

PRODUCT DATA 产品数据

| 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) | Temperature Range(°C) | Package | Replace |
|-------------|------------------------|-------------------------------|-------------------------------|---------------|---------------------|------------------|-------------------|-----------------------|----------------|--------------------------|------------|-------------|--------------|-----------------------|---------|---------|
| CBMLM321 | 1 | 3 | 24 | 1 | 0.4 | N/Y | 5 | 7 | 250 | 40 | 44 | 100 | 90 | -40 to 125 | SOT23-5 | LM321 |
| CBMLM358 | 2 | 3 | 24 | 1 | 0.4 | N/Y | 5 | 7 | 250 | 40 | 44 | 100 | 90 | -40 to 125 | SOP-8 | LM358 |
| CBMLM324 | 4 | 3 | 24 | 1 | 0.4 | N/Y | 5 | 7 | 250 | 40 | 44 | 100 | 85 | -40 to 125 | SOP-14 | LM324 |
| CBM2904 | 2 | 3 | 32 | 1 | 0.5 | N/Y | 5 | 7 | 250 | 40 | 50 | 100 | 80 | -40 to 125 | SOP-8 | LM2904 |
| CBM2902 | 4 | 3 | 32 | 1 | 0.5 | N/Y | 5 | 7 | 250 | 40 | 50 | 100 | 80 | -40 to 125 | SOP-14 | LM2904 |

数字隔离器

PRODUCT DATA 产品数据

| 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 | Temperature Range (°C) | Package | Replace |
|----------------|-----------------------|--------------------------|---------------------------|--------------------------|-----------------------------|--------------|--------------|----------------|------------------------|-------------|-------------|
| CBMuD1402LAS16 | 90 | 2/2 | NO | 3000 | 10 | 2.5 | 5.5 | L | -40 to 105 | WIDE SOP-16 | ADuM1402ARW |
| CBMuD1402HAS16 | 90 | 2/2 | NO | 3000 | 10 | 2.5 | 5.5 | H | -40 to 105 | WIDE SOP-16 | ADuM1402ARW |
| CBMuD1401LAS16 | 90 | 3/1 | NO | 3000 | 10 | 2.5 | 5.5 | L | -40 to 105 | WIDE SOP-16 | ADuM1401ARW |
| CBMuD1401HAS16 | 90 | 3/1 | NO | 3000 | 10 | 2.5 | 5.5 | H | -40 to 105 | WIDE SOP-16 | ADuM1401ARW |
| CBMuD1400LAS16 | 90 | 4/0 | NO | 3000 | 10 | 2.5 | 5.5 | L | -40 to 105 | WIDE SOP-16 | ADuM1400ARW |
| CBMuD1400HAS16 | 90 | 4/0 | NO | 3000 | 10 | 2.5 | 5.5 | H | -40 to 105 | WIDE SOP-16 | ADuM1400ARW |
| CBMuD1201HAS8 | 90 | 1/1 | NO | 3000 | 10 | 2.5 | 5.5 | H | -40 to 85 | SOP-8 | ADuM1201ARZ |
| CBMuD1201LAS8 | 90 | 1/1 | NO | 3000 | 10 | 2.5 | 5.5 | L | -40 to 85 | SOP-8 | -- |
| CBMuD1200HAS8 | 90 | 2/0 | NO | 3000 | 10 | 2.5 | 5.5 | H | -40 to 85 | SOP-8 | ADUM1200ARZ |
| CBMuD1200LAS8 | 90 | 2/0 | NO | 3000 | 10 | 2.5 | 5.5 | L | -40 to 85 | SOP-8 | -- |

比较器

PRODUCT DATA 产品数据

| Part Number | Number of channels (#) | Output type | Propagation delay time (uS) | Vs (Max) (V) | Vs (Min) (V) | Vos (offset voltage @ 25°C) (Max) (mV) | Iq per channel (Typ) (mA) | Input bias current (+/-) (Max) (nA) | Rail-to-rail | Temperature Range (°C) | Package |
|-------------|------------------------|----------------|-----------------------------|--------------|--------------|--|---------------------------|-------------------------------------|--------------|------------------------|---------------|
| CBM2903 | 2 | Open Collector | 1.3 | 30 | 2 | 7 | 0.4 | 50 | Out | -40 to 85 | SOP-8 TSSOP-8 |
| CBM2901 | 4 | Open Collector | 1.3 | 30 | 2 | 7 | 0.2 | 250 | Out | -40 to 85 | SOP-14 |

接口 RS-485 和 RS-422

PRODUCT DATA 产品数据

| 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 | Replace |
|-------------|--------------------|--------------|--------------|-----------|-----------|-------------------------------|----------------------|--------------------|--------------|-------------------------|
| CBM485AS | RS-422/RS-485 | 4.75 | 5.25 | 1 | 1 | Half | 10M | 15 | SOP-8/MSOP-8 | ADM485/ MAX485/SP485 |
| CBM3085AS | RS-422/RS-485 | 4.75 | 5.25 | 1 | 1 | Half | 500k | 15 | SOP-8 | MAX3085 |
| CBM3485AS | RS-422/RS-485 | 3 | 3.6 | 1 | 1 | Half | 10M | 15 | SOP-8 | ADM3485/ MAX3485 |

接口 RS-232

PRODUCT DATA 产品数据

| Part Number | Interface Protocol | Vs+ (Min)(V) | Vs+ (Max)(V) | Number Rx | Number Tx | Shut-downion | Data Rate (Max)(bps) | ESD Protection(kV) | Package | Replace |
|-------------|--------------------|--------------|--------------|-----------|-----------|--------------|----------------------|--------------------|--------------------|------------------|
| CBM232AS | RS-232 | 4.5 | 5.5 | 2 | 2 | No | 120k | 15 | SOP-16 | MAX232/ADM232A |
| CBM3232AS | RS-232 | 3 | 5.5 | 2 | 2 | No | 120k | 15 | SOP-16 TSSOP-16 | MAX3232/ADM3232E |

| Part Number | Voltage-Threshold(V) | Type | Number of Voltages Monitored | Output Type | Reset Type | Reset Pulse Width (ms) | Temperature Range (°C) | Package | Replace |
|-------------|----------------------|-------------------------------|------------------------------|---------------------|------------------------|------------------------|------------------------|--------------|-----------------|
| CBM705A | 4.65 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX705/ADM705A |
| CBM706A | 4.4 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX706/ADM706A |
| CBM706T | 3.08 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX706T/ADM706T |
| CBM706R | 2.63 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX706R/ADM706R |
| CBM706S | 2.93 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX706S/ADM706S |
| CBM706P | 2.63 | Power-On Reset/Watchdog Timer | 1 | Push-Pull | Active High | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX706P/ADM706P |
| CBM707A | 4.65 | Power-On Reset | 1 | Push-Pull/Push-Pull | Active High/Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX707/ADM707A |
| CBM708A | 4.4 | Power-On Reset | 1 | Push-Pull/Push-Pull | Active High/Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX708/ADM708A |
| CBM708T | 3.08 | Power-On Reset | 1 | Push-Pull/Push-Pull | Active High/Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX708T/ADM708T |
| CBM708R | 2.63 | Power-On Reset | 1 | Push-Pull/Push-Pull | Active High/Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX708R/ADM708R |
| CBM708S | 2.93 | Power-On Reset | 1 | Push-Pull/Push-Pull | Active High/Active Low | 160 | -40 to 85 | SOP-8 MSOP-8 | MAX708S/ADM708S |
| CBM812Z | 2.32 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812Z |
| CBM812R | 2.63 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812R |
| CBM812S | 2.93 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812S |
| CBM812T | 3.08 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812Z |
| CBM812M | 4.38 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812M |
| CBM812L | 4.63 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SOT-143-4 | ADM812L |
| CBM811Z | 2.32 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811Z |
| CBM811R | 2.63 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811R |
| CBM811S | 2.93 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811S |
| CBM811-3T | 3.08 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811-3 |
| CBM811T | 3.08 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811T |
| CBM811M | 4.38 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811M |

| Part Number | Voltage-Threshold(V) | Type | Number of Voltages Monitored | Output Type | Reset Type | Reset Pulse Width (ms) | Temperature Range (°C) | Package | Replace |
|-------------|----------------------|-------------------------------|------------------------------|----------------------|------------------------|------------------------|------------------------|-------------------|---------|
| CBM811L | 4.63 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SOT-143-4 | ADM811L |
| CBM810Z | 2.32 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810Z |
| CBM810T | 3.08 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810T |
| CBM810S | 2.93 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810S |
| CBM810R | 2.63 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810R |
| CBM810M | 4.38 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810M |
| CBM810L | 4.63 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810L |
| CBM810J | 4 | Power-On Reset | 1 | Push-Pull | Active High | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM810J |
| CBM809Z | 2.32 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809Z |
| CBM809T | 3.08 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809T |
| CBM809S | 2.93 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809S |
| CBM809R | 2.63 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809R |
| CBM809M | 4.38 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809M |
| CBM809L | 4.63 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809L |
| CBM809J | 4 | Power-On Reset | 1 | Push-Pull | Active Low | 140 | -40 to 85 | SC70-3 SOT23-3 | ADM809J |
| CBM803Z | 2.32 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803Z |
| CBM803T | 3.08 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803T |
| CBM803S | 2.93 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803S |
| CBM803R | 4.38 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803R |
| CBM803M | 4.38 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803M |
| CBM803L | 4.63 | Power-On Reset | 1 | Open Drain | Active Low | 140 | -40 to 85 | SC70-3 | ADM803L |
| 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 | MAX1232 |

| 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) | Temperature Range (°C) | Package | Replace |
|--------------------------------------|--------------|--------------|---------------|---------------|---------------|----------------------|--------------------------------|--------------------------------|-------------|------------------------|--------------------|-----------|
| 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 | LT1764 |
| CBM317 | 3 | 40 | 1.25 | 37 | 1.5 | 1 | -- | -- | 10 | -40 to 125 | TO-263-3,TO-252-3 | LM317 |
| CBM1117XX-1.2,1.25,1.5,1.8,2.5,3.3,5 | 2.6 | 15 | 1.2 | 13.8 | 0.8 | 1 | -- | -- | 5.2 | -40 to 125 | SOT-223-4,TO-252-3 | LM1117 |
| 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 | LM2576 |
| 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 | LM2576HVS |
| 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 | LM2596 |

| Part Number | VSUPPLY (V) | Time Keeping Current(uA) | CL(pF) | Memory Type | Interface | Functions | Temperature Range(°C) | Package | Replace |
|-------------|-------------|--------------------------|--------|-------------|-----------|-----------|-----------------------|---------------------|---------|
| CBM1307 | 5 | 0.3 | 12.5 | NV SRAM | I2C | RTC | -40 to 85 | SOP-8 | DS1307 |
| CBM1302 | 2 to 5.5 | 0.2 | 6 | NV SRAM | 3-Wire | RTC | -40 to 85 | SOP-8 | DS1302 |
| CBM13S38A | 1.71 to 5.5 | 0.8 | 12.5 | NV SRAM | I2C | RTC | -40 to 85 | SOP-8 SOP-16 MSOP-8 | DS1338 |
| CBM13S39A | 1.71 to 5.5 | 0.3 | 6 | None | I2C | RTC | -40 to 85 | MSOP-8 | DS1339A |
| CBM32S31A | 2.3 to 5.5 | 0.84 | -- | None | I2C | RTC | -40 to 85 | SOP-16 | DS3231 |
| CBM32S32A | 2.3 to 5.5 | 0.15 | -- | NV SRAM | I2C | RTC | -40 to 85 | SOP-20 | DS3232 |
| CBM32S34A | 2.0 to 5.5 | 0.15 | -- | NV SRAM | SPI | RTC | -40 to 85 | SOP-20 | DS3234 |

| 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) | Temperature Range(°C) | Package | Replace |
|-------------|---------------------|----------------------------|-------------------------|-------------------------|----------------------|---------------------|-----------------------------------|-------------------|--------------------|-----------------------|---------|----------|
| CBM2003A | 7 | 50 | 50 | 500 | 250 | CMOS,TTL | 900 | 500 | 50 | -40 to 85 | SOP-16 | ULN2003A |
| CBM2004A | 7 | 50 | 50 | 500 | 250 | CMOS | 900 | 500 | 50 | -40 to 85 | SOP-16 | ULN2004A |