

# CIRRUS LOGIC Analog ICs



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PRODUCT **NEW**

## DIGITAL PFC CONTROLLERS

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	Input (VAC)	Max Switching KHz	Supply Current mA	Op Range (°C)	Price Each		
							1	25	100
<a href="#">777-CS1501-FSZ</a> <a href="#">777-CS1601-FSZ</a>	CS1501-FSZ CS1601-FSZ	SOIC-8 SOIC-8	90-265 90-265 (108-305)	70 70	1.5 1.5	-40 to +125 -40 to +125	2.88 2.88	2.32 2.32	2.09 2.09
<b>Development Tools</b>							<b>Description</b>		
<a href="#">777-CDB150X-01-Z</a> <a href="#">777-CDB1601-120W-Z</a> <a href="#">777-CRD1601-120W-Z</a>	CDB150X-01-Z CDB1601-120W-Z CRD1601-120W-Z					Evaluation Board w/90W for CS1501 Evaluation Board w/120W for CS1601 Refence Design Board w/120W for CS1601	285.00 292.50 348.86	- - -	- - -

## CRYSTAL LAN® EMBEDDED ETHERNET CONTROLLER

The CS8900A is a low-cost Ethernet LAN Controller optimized for the Industry Standard Architecture (ISA) bus and general purpose microcontroller busses. Its highly-integrated design eliminates the need for costly external components required by other Ethernet controllers. The CS8900A includes on-chip RAM, 10BASE-T transmit and receive filters, and a direct ISA-Bus interface with 24mA Drivers.

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	Media Supported	Digital Interface	Number Of Channels	Max Current Consumption	Power Supply (V)	Operating Temp. (°C)	Price Each		
									1	25	100
<a href="#">777-CS8900A-CQ3Z</a> <a href="#">777-CS8900A-IQ3Z</a>	CS8900A-CQ3Z CS8900A-IQ3Z	LQFP-100 LQFP-100	10Base-T 10Base-T	ISA & General Purpose Parallel ISA & General Purpose Parallel	1 1	55mA @ 5V 55mA @ 5V	3.0 or 5.0V 3.0 or 5.0V	0 to +70 -40 to 85	12.78 17.15	11.49 15.43	8.94 12.00

## ECHO CANCELLERS

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	Description	Supported Media	Power Supply (V)	Operating Temp. (°C)	Price Each		
							1	25	100
<a href="#">777-CS6422-CSZ</a>	CS6422-CSZ	SOIC-20	Enhanced Full-Duplex Speakerphone IC	Analog audio (mic and telephone)	5	0 to +70	17.45	15.70	12.21

## PWM CONTROLLERS

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	DACs	Resolution (Bits)	Input Standards	Input Formats	Power Supply (V)	Operating Temp. (°C)	Price Each		
									1	25	100
<a href="#">777-CS4954-CQZ</a>	CS4954	TQFP-48	6	10	ITU R.BT656 ITU R.BT601	8-bit YUV 8-bit YCbCr	3.3 or 5	-40 to 85	12.55	11.29	8.78

## AUDIO DIGITAL SIGNAL PROCESSORS (DSP)

Complementing Cirrus Logic's strength in analog and mixed-signal technologies, Cirrus Logic provides numerous 24-bit and 32-bit processor solutions ideally designed for audio and industrial markets. Cirrus Logic's processor solutions include audio-optimized digital signal processors (DSPs) for a wide range of consumer, professional and automotive entertainment applications. In addition, Cirrus Logic's CobraNet products provide complete solutions for delivering uncompressed, professional-grade digital audio over standard ethernet networks.

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	Processor Cores	Speed (MIPS)	RAM (Kwords)	ROM (Kwords)	Channels	Serial Communication	Operating Temp. (°C)	Price Each		
										1	25	100
<a href="#">777-CS48520-CQZ</a> <a href="#">777-CS48540-DQZ</a> <a href="#">777-CS48540-CQZ</a>	CS48520-CQZ CS48540-DQZ CS48540-CQZ	QFP-48 QFP-48 QFP-48	1 x 32-bit 1 x 32-bit 1 x 32-bit	150 150 150	24 24 24	- - -	4-in/4-out 8-in/8-out 8-in/8-out	I <sup>2</sup> C or SPI I <sup>2</sup> C or SPI I <sup>2</sup> C or SPI	0 to +70 -40 to +85 0 to +70	10.81 15.18 12.65	10.21 14.33 11.94	9.80 13.76 11.47

## COBRANET™ INTERFACE ICs AND PROCESSORS

CobraNet technology is the defacto standard for transporting high fidelity, uncompressed digital audio in real time over off-the-shelf switched Ethernet networks. Dynamically routes digital audio from various sources to one, some or all optins in a network of devices.

For quantities greater than listed, call for quote..

MOUSER STOCK NO.	Cirrus Logic Part No.	Package Type	Processor Cores	Speed (MIPS)	Supported Audio Resolutions	Channels	Serial Communication	Operating Temp. (°C)	Price Each		
									1	25	100
<a href="#">777-CS181002-CQZ</a> <a href="#">777-CS181012-CQZ</a> <a href="#">777-CS181022-CQZ</a> <a href="#">777-CS181022-CQZ</a> <a href="#">777-CS496112-CQZ</a> <a href="#">777-CS496122-CQZ</a>	CS181002-CQZ CS181012-CQZ CS181022-CQZ CS181022-CQZ CS496112-CQZ CS496122-CQZ	LQFP-144 LQFP-144 LQFP-144 LQFP-144 LQFP-144 LQFP-144	2 x 32-bit 2 x 32-bit 2 x 32-bit 2 x 32-bit 2 x 32-bit 2 x 32-bit	120 120 120 120 120 120	16, 20 or 24-bit 16, 20 or 24-bit 16, 20 or 24-bit 16, 20 or 24-bit 16, 20 or 24-bit 16, 20 or 24-bit	48, 96 48, 96 48, 96 48, 96 48, 96 48, 96	2-in/2-out 8-in/8-out 16-in/16-out 8-in/8-out 16-in/16-out 16-in/16-out	0 to +70 0 to +70 0 to +70 0 to +70 0 to +70 0 to +70	22.82 25.04 28.04 29.27 29.27 32.27	19.26 21.14 23.67 24.71 24.71 27.24	16.22 17.80 19.93 20.81 20.81 22.94

## DEVELOPMENT TOOLS - EVALUATION BOARDS

PRODUCT **NEW**

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MOUSER STOCK NO.		Description	Price Each	MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.			Mfr.	Mfr. Part No.		
<a href="#">777-CDB2000-DCCLKCP</a>		Evaluation Daughter Board - General Purpose PLL	28.13	<a href="#">777-CDB5345</a>		Evaluation Board 105dB 24Bit 192kHz Aud ADC	405.00
<a href="#">777-CDB2000-MB</a>		Evaluation Mother Board - General Purpose PLL	112.50	<a href="#">777-CDB5351</a>		Eval. Board 24 Bit 108dB 192kHz Multi-bit ADC	405.00
<a href="#">777-CDB2000-PC-CLK</a>		Evaluation Daughter Board - Gen. Purpose PLL DC	28.13	<a href="#">777-CDB5361</a>		Evaluation Board 24 Bit 114dB 192kHz Multi-bit ADC	472.50
<a href="#">777-CDB2000-PC-LCO</a>		Evaluation Daughter Board - Gen. Purpose PLL DC	28.13	<a href="#">777-CDB5364</a>		Evaluation Board 114dB 4-channel ADC w/TDM	472.50
<a href="#">777-CDB2300-DC-LCOPC</a>		Evaluation Daughter Board - Gen. Purpose PLL	28.13	<a href="#">777-CDB5366</a>		Evaluation Board 114dB 6 channel ADC w/TDM	472.50
<a href="#">777-CDB3310</a>		Evaluation Board Stereo Dig. Vol Cont.	472.50	<a href="#">777-CDB5460AU</a>		Eval. Board Single-Phase Bi-Dir. Power/Energy	281.25
<a href="#">777-CDB42428</a>		Evaluation Board CBoard 42418/28	472.50	<a href="#">777-CDB5466U</a>		Evaluation Board F/Residential Pow-Meter Apps	281.25
<a href="#">777-CDB4265</a>		Eval. Board 192kHz Codec w/PGA & Input Mux	540.00	<a href="#">777-CDB5467U</a>		Eval. Board 4 channel Inl Sngl-Phs Power/Energy	281.25
<a href="#">777-CDB4270</a>		Evaluation Board 105dB 192kHz, Codec	405.00	<a href="#">777-CDB5530U</a>		Evaluation Board 24 Bit 1 channel Low-Noise ADC	318.75
<a href="#">777-CDB4271</a>		Evaluation Board, CS4271	405.00	<a href="#">777-CDB5532U</a>		Eval. Board 24 Bit ADC w/ Ultra Low-Noise USB	318.75
<a href="#">777-CDB4351</a>		Evaluation Board 112dB 24 Bit 192kHz, DAC w/LD	405.00	<a href="#">777-CDB5534U</a>		Eval. Board 24 Bit ADC w/ Ultra Low-Noise USB	318.75
<a href="#">777-CDB4352</a>		Evaluation Board 192kHz DAC with LD	405.00	<a href="#">777-CDB5560</a>		Evaluation Board 50kSps 24 Bit Muxable ADC	101.71
<a href="#">777-CDB4354</a>		Evaluation Board for CS4354	405.00	<a href="#">777-CDB5581</a>		Evaluation Board 200kSps 16-Bit Muxable ADC	101.71
<a href="#">777-CDB4385</a>		Evaluation Board 8 channel DAC w/DSD	472.50	<a href="#">777-CDB8416</a>		Evaluation Board 192kHz Dig. Audio Receiver	573.75
<a href="#">777-CDB43L21</a>		Evaluation Board 98dB 96kHz Low-Pwr DAC	581.25	<a href="#">777-CDB8427</a>		Evaluation Board 96kHz Dig. Audio Transceiver	472.50
<a href="#">777-CDB44800</a>		Evaluation Board 8 channel 115dB 192kHz PWM	776.25	<a href="#">777-CRD-4412A</a>		Eval. Board 30W Qd Half-Bridge Dig Amp Pwr Stg	561.25
<a href="#">777-CDB5340</a>		Eval. Board 101dB 192kHz Multi-bit ADC	405.00	<a href="#">777-CRD-4525-Q1</a>		Eval. Board PWM Controller+ PwrStg_2Lyr 1oz Cu	786.25
<a href="#">777-CDB5341</a>		Eval. Board for CS5341 192kHz Stereo A/D Convrtrs	405.00	<a href="#">777-CRD5463PM</a>		Refence Design for Power Meter/Monitor	309.00