



Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
ARM720T Processor	598-1214-ND◆	13.23 11.91	EP7309-CVZ
ARM720T Processor	598-1220-ND	15.86 14.28	EP7311-CB
ARM720T Processor	598-1224-ND	14.27 12.84	EP7311-CV
ARM720T Processor	598-1225-ND	17.37 15.63	EP7311-CV-90
ARM720T Processor	598-1226-ND◆	18.55 15.67	EP7311-IB
ARM720T Processor	598-1230-ND	16.70 14.10	EP7311-IV
ARM720T Processor	598-1234-ND◆	17.56 15.81	EP7312-CBZ
ARM720T Processor	598-1235-ND	17.59 15.83	EP7312-CR
ARM720T Processor	598-1237-ND	15.63 14.06	EP7312-CV
ARM720T Processor	598-1238-ND	17.10 14.45	EP7312-CV-90
ARM720T Processor	598-1239-ND◆	17.39 14.70	EP7312-CVZ-90
ARM720T Processor	598-1240-ND	20.33 17.17	EP7312-IB
ARM720T Processor	598-1242-ND◆	20.52 17.33	EP7312-IBZ
ARM720T Processor	598-1244-ND	23.05 19.46	EP7312-IR-90
ARM720T Processor	598-1245-ND	18.27 15.43	EP7312-IV
ARM720T Processor	598-1246-ND	22.22 18.76	EP7312-IV-90
166MHz ARM920T Processor	598-1249-ND	17.38 14.67	EP9301-IQ
166MHz ARM920T Processor	598-1250-ND◆	16.52 13.95	EP9301-IQZ
200MHz ARM9 Processor	598-1253-ND◆	19.03 16.07	EP9302-IQZ
200MHz ARM9 Processor	598-1254-ND	21.82 18.43	EP9307-CR
200MHz ARM9 Processor	598-1255-ND	25.32 21.39	EP9307-IR
200MHz ARM9 Processor	598-1256-ND◆	25.32 21.39	EP9307-IRZ
200MHz ARM9 Processor	598-1257-ND	27.33 23.08	EP9312-CB
200MHz ARM9 Processor	598-1258-ND◆	27.33 23.08	EP9312-CBZ
200MHz ARM9 Processor	598-1260-ND◆	30.59 25.84	EP9312-IBZ
200MHz ARM9 Processor	598-1261-ND	30.29 25.58	EP9315-CB
200MHz ARM9 Processor	598-1262-ND	30.14 27.13	EP9315-IB

◆ RoHS Compliant

## Digital Amplifiers/Power Technology



Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
6-Channel Digital Amplifier Controller	598-1068-5-ND	6.86 6.18	CS44600-CQZ
8-Channel Digital Amplifier Controller	598-1070-ND	7.72 6.87	CS44800-CQZ
Multi-Bit A/D Real Time PSR Feedback	598-1069-5-ND	5.27 4.40	CS4461-CZZ
Digital TV Amplifier, 30W with integrated ADC 102dB, 48-QFN	598-1264-ND	7.56 6.73	CS4525-CNZ
Quad Digital Amp Power Stage IC, 107dB, 60W 48-QFN	598-1188-ND	5.07 4.51	CS44130-CNZ

## Op Amp



Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
Single, Ultra Low Noise Op Amp, 2.1mA 125nVp-p	598-1140-5-ND◆	2.64 2.20	CS3001-ISZ
Single, Ultra Low Noise Op Amp, 0.9mA 250nVp-p	598-1142-5-ND◆	2.64 2.20	CS3011-ISZ
Dual, Ultra Low Noise Op Amp, 3.6mA 125nVp-p	598-1141-5-ND◆	3.96 3.31	CS3002-ISZ
Dual, Ultra Low Noise Op Amp, 1.7mA 250nVp-p	598-1143-5-ND◆	3.96 3.31	CS3012-ISZ
Dual, Precision Low-Voltage, Low-Power Op Amp, 2.1mA, 8-SOIC	598-1145-1-ND◆†	2.60 2.08	CS3004-FSZR
Dual, Precision Low-Voltage, Low-Power Op Amp, 1.0mA, 8-SOIC	598-1146-1-ND◆†	2.60 2.08	CS3014-FSZR
	598-1146-2-ND◆†	2955.11/2,000	CS3014-FSZR
Single, Low-Voltage, Low-Power, Op Amp, 1mA, 150dB, 8-QFN	598-1164-ND◆	2.19 1.83	CS3003-FNZ
Single, Low-Voltage, Low-Power, Op Amp, 1mA, 150dB, 8-SOIC	598-1165-5-ND	2.57 2.25	CS3003-FS
Dual, Low-Voltage, Low-Power, Op Amp, 2.1mA, 150dB, 8-SOIC	598-1169-5-ND◆	3.72 3.10	CS3004-FS
Dual, Low-Voltage, Low-Power, Op Amp, 2.1mA, 150dB, 8-SOIC	598-1170-5-ND◆	3.38 2.82	CS3004-FSZ
Single Low-Voltage, Low-Power, Op Amp, 0.5mA, 135dB, 8-QFN	598-1172-ND◆	2.19 1.83	CS3013-FNZ
Dual, Low-Voltage, Low-Power, Op Amp, 1mA, 135dB, 8-QFN	598-1176-ND◆	3.38 2.82	CS3014-FNZ
Dual, Low-Voltage, Low-Power, Op Amp, 1mA, 135dB, 8-SOIC	598-1178-5-ND◆	3.38 2.82	CS3014-FSZ

◆ RoHS Compliant † Cut Tape ‡ Tape and Reel

## Infrared Echo Canceller

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
Telephony Network Echo Suppression, 2-Channel, Full Duplex, 20-SOIC	598-1199-5-ND	10.15 9.14	CS6422-CS
Telephony Network Echo Suppression, 2-Channel, Full Duplex, 20-SOIC	598-1200-5-ND◆	12.67 11.41	CS6422-CSZ
Telephony Network Echo Suppression, 2-Channel, Full Duplex, 20-SOIC	598-1201-5-ND	11.17 10.05	CS6422-IS
Telephony Network Echo Suppression, 2-Channel, Full Duplex, 20-SOIC	598-1202-5-ND◆	15.21 13.69	CS6422-ISZ
Multi-Standard Infrared Transceiver, 1-Channel, 20-SSOP	598-1203-5-ND	8.49 7.55	CS8130-CS
Multi-Standard Infrared Transceiver, 1-Channel, 20-SSOP	598-1204-5-ND◆	8.49 7.55	CS8130-CSZ

◆ RoHS Compliant

## Power Measurement

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
6-Channel Delta/Sigma ADC, 28-SSOP	598-1093-5-ND	6.25 5.56	CS5451A-ISZ
Single Phase Bi-Directional IC, 24-SSOP	598-1094-5-ND	4.62 3.85	CS5460A-BSZ
Single Phase Bi-Directional Power/Energy, 24-SSOP	598-1096-5-ND	3.66 3.05	CS5463-ISZ
Single Phase Power/Energy IC, 3-Channel, 28-SSOP	598-1194-5-ND	4.20 3.51	CS5464-ISZ
Low Cost Power/Energy IC with Pulse Output, 2-Channel, 24-TSSOP	598-1097-5-ND	3.33 2.78	CS5466-ISZ
Single Phase Power/Energy IC, 4-Channel, 28-SSOP	598-1197-5-ND	4.46 3.73	CS5467-ISZ

## Ethernet

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
LAN Controller, 3.3V, 100-LQFP	598-1127-ND◆	9.28 8.35	CS8900A-CQ3Z
LAN Controller, 5V, 100-LQFP	598-1128-ND◆	9.18 8.27	CS8900A-CQZ
LAN Controller, 3.3V, 100-LQFP	598-1129-ND◆	12.45 11.21	CS8900A-IQ3Z
LAN Controller, 5V, 100-LQFP	598-1130-ND◆	12.40 11.16	CS8900-IQZ
Crystal LAN 100 Base-X, 10 Base-T Transceiver and 100 Base-Fx Interface 1-Channel, 100-TQFP	598-1205-ND	11.20 10.08	CS8952-CQ
Crystal LAN 100 Base-X, 10 Base-T Transceiver and 100 Base-Fx Interface 1-Channel, 100-TQFP	598-1206-ND◆	11.20 10.08	CS8952-CQZ
Crystal LAN 100 Base-X, 10 Base-T Transceiver and 100 Base-Fx Interface 1-Channel, 100-TQFP	598-1207-ND	12.76 11.49	CS8952-IQ
Crystal LAN 100 Base-X, 10 Base-T Transceiver and 100 Base-Fx Interface 1-Channel, 100-TQFP	598-1208-ND◆	12.76 11.49	CS8952-IQZ

◆ RoHS Compliant

## Volume Control



Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
8-Channel Analog Volume Control, 123dB, Single-Ended, 48-LQFP	598-1180-ND	20.96 17.70	CS3318-CQZ

## Interface and Sample Rate Converters



Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
192kHz Digital Transmitter, 28-TSSOP	598-1121-5-ND	4.94 4.40	CS8406-CZZ
192kHz Digital Receiver, 28-SOIC	598-1123-5-ND	7.11 6.33	CS8416-CSZ
192kHz Digital Receiver, 28-TSSOP	598-1124-5-ND	7.11 6.33	CS8416-CZZ
Digital-Audio Sample Rate, 28-SOIC	598-1125-5-ND	22.82 19.28	CS8420-CSZ
32-Bit Asynchronous Sample, 20-TSSOP	598-1126-5-ND	8.80 7.83	CS8421-CZZ

## Evaluation Board for CS8416 and CS8406

The CDB8416 is designed to allow easy evaluation of the CS8416 and CS8406. The board is designed for easy connection to an Audio Precision or other digital audio test system. Input and output data may be set for either balanced using the XLR connectors or unbalanced using the coax or optical connectors. Windows PC software provides a GUI to make configuration easy in software mode. The software communicates through the PC's parallel port to control the internal registers so that all the possible software modes of the CS8416 may be tested.

### Features:

- CS8416 Digital Audio Receiver • Receives and transmits AES/EBU, S/PDIF and EIAJ-340 compatible digital audio • Analog and Digital 3.3V Supply • 3.3 - 5.0V Logic Interface Supply • Operates in stand alone Hardware Mode or computer controlled Software Mode • Balanced and unbalanced inputs available.

598-1017-ND (CDB8416)..... 416.54

## Evaluation Board for CS8421

The CDB8421 demonstration board is an excellent means for evaluating the CS8421 sample rate converter. System timing can be provided by the CS8421, by the CS8416 phase-locked to its S/PDIF input, by an I/O stake header or by an on-board oscillator. Digital I/O is available via coaxial (RCA) or optical connectors to the CS8416 and CS8406. All configuration control is handled from onboard switches.

### Features:

- CS8416 S/PDIF Digital Audio Receiver • CS8406 S/PDIF Digital Audio Transmitter • Header for External Serial Audio I/O • 3.3 - 5.0V Logic Interface • No software required to operate

598-1018-ND (CDB8421) ..... 392.04

Digi-Reel<sup>®</sup> Most SMT cutdown parts are available on a Digi-Reel<sup>®</sup>. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key<sup>®</sup> Services on page 2 for additional information.

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