

Power Dual Op Amps

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
High voltage, 1.1MHz bandwidth, high output current, 40V, 1.5A per amp, 12-SIP	598-1342-ND◆	32.76 27.67	PA60EU
High efficiency, high output current, low distortion, 40V, 2.5A, TO-3-8	598-1343-ND◆	89.14 77.87	PA74
High efficiency, high output current, low distortion, 40V, 3A, TO-3-8	598-1344-ND◆	95.62 83.52	PA74A
High efficiency, high output current, low distortion, 40V, 3A, TO-3-8	598-1345-ND	170.14 148.19	PA74M
High efficiency, high output current, low distortion, 40V, 2.5A, TO-3-8	598-1349-ND◆	89.14 77.87	PA76
High efficiency, high output current, low distortion, 40V, 3A, TO-3-8	598-1350-ND◆	95.55 83.47	PA76A
Wide bandwidth, high output current, low quiescent current, 40V, 1.5A, 7-DPAK	598-1346-ND	21.70 19.53	PA75CC
Wide bandwidth, high output current, low quiescent current, 40V, 1.5A, TO-220-7	598-1347-ND	21.70 19.53	PA75CD
Wide bandwidth, high output current, low quiescent current, 40V, 1.5A, TO-220-7 (S)	598-1348-ND	23.75 21.38	PA75CX
High voltage, high speed, over 350V/uS slew rate, +/-175V, 150mA, 20-PSOP (SMT)	598-1352-ND◆	69.84 58.82	PA79DK

◆ RoHS Compliant

Video Power Op Amps

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
150MHz gain bandwidth, power MOS output, 2000V/uS slew rate, +/-40V, 2A, TO-3-8	598-1298-ND◆	325.04 283.10	PA09
150MHz gain bandwidth, power MOS output, 2000V/uS slew rate, +/-40V, 2A, TO-3-8	598-1299-ND◆	380.29 331.23	PA09A
150MHz gain bandwidth, power MOS output, 2000V/uS slew rate, +/-40V, 2A, TO-3-8	598-1300-ND	705.31 666.13	PA09M
150MHz gain bandwidth, power MOS output, 2000V/uS slew rate, +/-40V, 2A, TO-3-8	598-1424-ND NEW!	904.23 854.00	PA09M/883
High voltage, high current, 900V/uS slew rate, MOS output, +/-40V, 5A, TO-3-8	598-1311-ND	399.69 358.35	PA119CE
High voltage, high current, 900V/uS slew rate, MOS output, +/-40V, 5A, TO-3-8	598-1312-ND	519.39 465.66	PA119CEA

◆ RoHS Compliant

Power Booster Amps

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
High voltage, 50V/uS slew rate, 160kHz power bandwidth, +/-100V, 2A, TO-3-8	598-1338-ND◆	159.57 138.99	PB50
High voltage, 50V/uS slew rate, 320kHz power bandwidth, +/-150V, 1.5A, 12-SIP	598-1339-ND	198.09 172.53	PB51
High voltage, 75V/uS slew rate, 320kHz power bandwidth, +/-150V, 2A, 12-SIP	598-1340-ND	245.13 213.51	PB51A
High voltage, 75V/uS slew rate, 320kHz power bandwidth, +/-150V, 2A, 12-SIP	598-1451-ND◆ NEW!	198.09 172.53	PB58
High voltage, 75V/uS slew rate, 320kHz power bandwidth, +/-150V, 2A, TO-3-8	598-1341-ND◆	245.13 213.51	PB58A

◆ RoHS Compliant

Pulse Width Modulation Amps

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
Fully protected, 3-phase brushless DC motor driver, 60V, 5A, 23-SIP(S)	598-1360-ND◆	40.88 36.80	SA305EX
Thermal shut-down, shorted load protection, 60Vs, 5.5Vdd, 10A, 23-SIP(S)	598-1361-ND◆	39.56 33.41	SA56EX
Full-bridge output, external shut-down control, 100V, 30A, MO-127-10	598-1362-ND◆	655.91 588.06	SA01
High voltage, high current, analog or digital inputs, wide supply range, 100V, 30A, 12-DIP	598-1452-ND◆ NEW!	873.32 824.80	SA03

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Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
High voltage, 500kHz switching, full bridge output, shutdown input, 60V, 7.5A, 18-DIP	598-1453-ND◆ NEW!	629.81 564.66	SA07
IGBT outputs, 3 protection circuits, sync or ext osc, 450Vs, 16Vcc, 28A, MO-127-12	598-1363-ND◆	970.11 916.22	SA08
200kHz, 3 protection circuits, sync or ext osc, 200Vs, 16Vcc, 20A, MO-127-12	598-1364-ND◆	816.68 771.32	SA12
Full-bridge PWM amplifier, lowside and highside switches, 80V, 7A, TO-3-8	598-1454-ND NEW!	470.24 421.59	SA50CE
H-bridge motor driver/amp, PWM, self-contained low/high side drive circuitry, 80Vs, 16Vcc, 15A, 12-SIP	598-1365-ND	234.83 204.53	SA60
High voltage, high current, 2KW output capability, variable switching frequency, 100V, 20A, 58-DIP	598-1416-ND NEW!	418.34 375.06	MSA240KC
High voltage, high current, 9KW output capability, variable switching frequency, 450V, 20A, 58-DIP	598-1417-ND NEW!	473.44 424.46	MSA260KC

◆ RoHS Compliant

Sockets

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
Socket, TO-3-8	598-1384-ND◆	35.21 29.74	MS03
Socket, 12-DIP	598-1386-ND◆	55.44 49.90	MS05

Description	Digi-Key Part No.	Pkg. Qty.	Price/Pkg.	Cirrus Logic Part No.
Pin Receptacle for .032 - .046 Diameter Pins	598-1383-ND◆	8	17.30	MS02
Pin Receptacle for .048 - .064 Diameter Pins	598-1385-ND◆	12	32.40	MS04
Mating Socket for .015 - .025 Diameter Pins	598-1387-ND	2	10.80	MS06
Pin Receptacle for .025 - .037 Diameter Pins	598-1478-ND NEW!	30	22.23	MS11

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Heatsinks

Description	Digi-Key Part No.	Price Each 1 25	Cirrus Logic Part No.
Hardware Kit for DK (12-SIP) Package	598-1366-ND	7.16 6.36	HK26
Heatsink, TO-3	598-1367-ND◆	30.53 25.79	HS01
Heatsink, TO-3	598-1368-ND◆	34.74 29.34	HS02
Heatsink, TO-3	598-1369-ND◆	66.79 56.24	HS03
Heatsink, PDIP	598-1370-ND◆	73.42 61.83	HS06
Heatsink, TO-3	598-1371-ND◆	11.66 10.37	HS09
Heatsink, TO-3 and PDIP	598-1372-ND◆	274.29 238.90	HS11
Heatsink, TO-3	598-1373-ND◆	59.09 49.76	HS14
Heatsink, Vertical Mount	598-1374-ND◆	113.00 98.71	HS20
Heatsink, TO-220	598-1375-ND	4.05 3.38	HS22
Heatsink, SMT	598-1376-ND	14.95 13.46	HS24
Heatsink, Modular Package	598-1377-ND◆	151.41 132.26	HS26
Heatsink, TO-3	598-1472-ND◆ NEW!	85.60	HS04
Heatsink, TO-3	598-1473-ND◆ NEW!	61.69	HS13
Heatsink, PDIP	598-1474-ND◆ NEW!	92.56	HS18
Heatsink, SIP	598-1475-ND◆ NEW!	25.48	HS27
Heatsink, TO-220	598-1476-ND◆ NEW!	45.56	HS29
Clamp, TO-220	598-1482-ND◆ NEW!	2.15	CLAMP04

◆ RoHS Compliant

Evaluation Kits

DB62 Demonstration Board for SA305EX

The DB62 is designed to demonstrate the capabilities of the SA305EX as a 3-phase brushless DC motor driver IC. The PWM inputs to the SA305 are controlled by an on-board microcontroller.

The EVAL49 board is pre-wired for all required and recommended external components.

598-1394-ND (DB62) \$269.24

NEW! EK01 Evaluation Kit for SA01

This easy-to-use kit provides a platform for the evaluation of PWM amplifiers using the SA01 pin-out configuration. It can be used to analyze a multitude of standard or proprietary circuit configurations and is flexible enough to do most standard amplifier test configurations.

The board is designed for surface mounting all components except the switching amplifier.

598-1455-ND (EK01) \$65.63
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