

EK52 Evaluation Kit for MP230FC/MP240FC

This easy-to-use kit provides for the evaluation of linear power amplifiers circuits using the MP230FC/MP240FC pin-out. With ample breadboarding areas it is flexible enough to analyze a multitude of standard or proprietary circuit configurations. Critical connections for power supply bypassing are pre-wired.

Components not usually readily available in engineering labs are provided. External connection to the evaluation kit can be made via the terminal block and the banana jacks at the edges of the circuit board.

Additionally, an optional BNC connector can be inserted into the hole at the edge of the board and wired to the number 5 terminal pad.

598-1396-ND (EK52) \$177.73

NEW! EK55 Evaluation Kit for PA62DK

Fast, easy breadboarding of circuits using the PA62DK is possible with the EK55 evaluation kit. The EK55 includes both universal EVAL36 board and the EVAL55 substrate.

The use of the EVAL36 end EVAL55 allows for a large area of breadboarding space to work with while allowing a surface mount substrate of the PA62DK. The PA62DK amplifier may be surface mounted directly to the EVAL55, a thermally conductive but electrically isolated substrate.

598-1468-ND (EK55) \$61.04

NEW! EK56 Evaluation Kit for MSA240/MSA260

This fast, easy-to-use kit provides a platform for the evaluation of the PWM circuits using the MSA240KC/MSA260KC pin-out. With ample breadboarding area it is flexible enough to analyze a multitude of standard or proprietary circuit configurations. Critical connections for power supply bypassing are pre-wired.

Components not usually readily available in engineering labs are provided. External connection to the evaluation kit can be made via the terminal block and banana jacks at the edge of the circuit board.

598-1469-ND (EK56) \$200.64

NEW! EK57 Evaluation Kit for MP108FD/MP111FD

This fast, easy-to-use kit provides a platform for the evaluation of linear power amplifiers circuits using the MP108FD and MP111FD pin-out. With ample breadboarding area it is flexible enough to analyze a multitude of standard or proprietary circuit configurations. Critical connections for power supply bypassing are pre-wired.

Components not usually readily available in engineering labs are provided. External connection to the evaluation kit can be made via the terminal block and banana jacks at the edges of the circuit board.

The terminal pads are suitable for soldering standard banana jacks or direct wiring of wires. Additionally, banana jacks and a BNC connector can be inserted into the holes at the edge of the board and wired to the numbered terminal pads.

598-1470-ND (EK57) \$129.94

NEW! EK59 Evaluation Kit for MP38CL/MP39CL

This fast, easy-to-use kit provides a platform for the evaluation of linear power amplifiers circuits using the MP38CL and MP39CL pin-out. With ample breadboarding area it is flexible enough to analyze a multitude of standard or proprietary circuit configurations. Critical connections for power supply bypassing are pre-wired.

Components not usually readily available in engineering labs are provided. External connection to the evaluation kit can be made via the terminal block and banana jacks at the edges of the circuit board.

The terminal pads are suitable for soldering standard banana jacks or direct wiring of wires. Additionally, banana jacks and a BNC connector can be inserted into the holes at the edge of the board and wired to the numbered terminal pads.

598-1471-ND (EK59) \$160.91

EK60 Evaluation Kit for PA78

The EK60 evaluation kit is designed to provide a convenient way to breadboard design ideas for the PA78EU power operational amplifiers. The EVAL60 evaluation board is pre-wired for all required and recommended external components including the ones for power supply bypassing, compensation and current limiting.

The EVAL60 also includes a breadboard area for constructing your application circuit with provisions for a preamplifier to drive the PA78 inputs.

598-1395-ND (EK60) \$148.75

EK61 Evaluation Kit for PA78DK and PA79DK

Fast and easy breadboarding of circuits using the PA78DK or PA79DK is possible with the EK61 evaluation kit. The EK61 includes both the universal EVAL36 board and the EVAL61 substrate. The use of EVAL36 and EVAL61 allows for a large area of breadboarding space to work with while allowing a surface mount substrate for the PA78DK or PA79DK. The PA78DK or PA79DK amplifier may be surface mounted directly to the EVAL61, a thermally conductive but electrically isolated substrate.

The PA78DK or PA79DK is soldered to a DUT foil footprint area the size of the heatslug.

The metal substrate is cost effective and can allow the PA78DK or PA79DK to dissipate power up to the data sheet rating.

598-1398-ND (EK61) \$70.75

EK62 Evaluation Kit for SA305EX 3-Phase Motor Driver

The EK62 evaluation kit is designed to provide a convenient way to breadboard design ideas for the SA305EX. The PB119 evaluation board is pre-wired for all required external components including the ones for power supply bypassing and current sensing.

The PB119 also includes a breadboard area for constructing your application circuit.

598-1393-ND (EK62) \$221.11

NEW! EK65 Evaluation Kit for MP400FC

This kit is designed to provide a convenient way to breadboard and evaluate design ideas for the MP400FC power operational amplifier. It is pre-wired for all required external components. Laid out and labeled to easily configure the high voltage op amp in a noninverting differential configuration for single supply operation using the MP400FC boost supply.

The evaluation board is flexible enough to analyze a multitude of standard or proprietary circuit configurations.

598-1484-ND (EK65) \$245.56

Thermal Washers

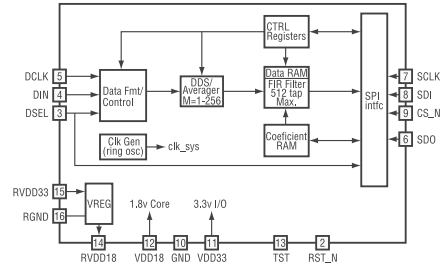


Description	Digi-Key Part No.	Pkg. Qty.	Price/Pkg.	Cirrus Logic Part No.
Thermal Washer, TO-3	598-1378-ND	10	20.55	TW03
Thermal Washer, PSIP	598-1379-ND	10	34.29	TW07
Thermal Washer, PDIP	598-1380-ND	10	28.78	TW10
Thermal Washer, SIP	598-1381-ND	15	30.53	TW12
Thermal Washer, SIP	598-1382-ND	10	32.40	TW13
Thermal Washer, DIP	598-1479-ND NEW!	10	14.95	TW05
Thermal Washer, DIP	598-1480-ND NEW!	10	19.05	TW09
Thermal Washer, TO-220	598-1481-ND NEW!	10	13.91	TW14

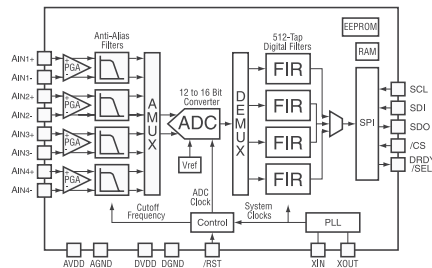


Programmable Digital Filters

The QF1D512 is a single channel, programmable digital filter designed for seamless insertion in the serial data path of a digital signal or used as an FIR coprocessor. The circuit shows the QF1D512 operating between an ADC and an MCU. The device can be programmed using the Quickfilter Design Software which supports most FIR digital filter configurations. The FIR filter has 512 taps capable of generating "brick wall" filters such as a low pass filter with a 1kHz cutoff frequency, 140dB of rejection, and a total transition band of only 10Hz. The filter can operate over a broad range of ADC data rates - from 10spss up to 500kspss and can support ADCs with resolutions ranging from 12 - 24 bits.



The QF4A512 Programmable Signal Converter is a 4-channel, signal conditioner and signal converter. Each channel can be individually programmed for the gain, anti-aliasing filter cutoff frequency, A ~ D sampling frequency, and unique filter requirements. This is accomplished with 4 separate high-precision 512-tap FIR filters. Quickfilter software has been created for rapid device configuration and filter design at performance levels unattainable with analog components.



Description	Digi-Key Part No.	Price Each	25	Quickfilter Technologies Part No.
IC SavFIRe Digital Filter 1-Channel 16-QFN	686-1001-1-ND ♦ ‡	2.23	1.52	QFN1D512-QN-T
IC SavFIRe Digital Filter 1-Channel 16-QFN	686-1001-2-ND † ‡	1151.45/1,000	—	QFN1D512-QN-T
IC Programmable Signal Conv. 4-Ch. 32-LQFP	686-1002-ND ♦	13.33	10.49	QF4A512A-LQ-B
Development Kit for QF1D512	686-1003-ND ♦	199.00	—	QF1D512-DK
Development Kit for QF4A512	686-1004-ND ♦	199.00	—	QF4A512-DK
Programmable Adapter for QF4A512-DK	686-1005-ND	180.53	—	QF4A512-PA
Board MSP-MOJO and Expansion Header	686-1006-ND ♦	39.95	—	QF1D512-EZ430
Prototyping Adapter for QF1D512	686-1007-ND ♦	21.28	—	QF1D512-DIPSTER

♦ RoHS Compliant ‡ Cut Tape † Tape and Reel