Pins		Description	Mftrs. List No.	Order Code	Price Each		
					1+	10+	100+
1065	3/TO-92	Oscillator/divider, 60MHz max frequency, 5V..	DS1065T-60	**300-1209**			
1065	3/TO-92	Oscillator/divider, 66MHz max frequency, 5V..	DS1065T-66	**300-1192**			
1065	3/TO-92	Oscillator/divider, 80MHz max frequency, 5V..	DS1065T-80	**300-1180**			
1065	3/TO-92	Oscillator/divider, 100MHz max frequency, 5V..	DS1065T-100	**300-1179**			
1073	8	Oscillator/divider, 60MHz max frequency, 3V..	DS1073M-60	**300-1246**			
1073	8	Oscillator/divider, 66MHz max frequency, 3V..	DS1073M-66	**300-1234**			
1073	8	Oscillator/divider, 80MHz max frequency, 3V..	DS1073M-80	**300-1222**			
1073	8	Oscillator/divider, 100MHz max frequency, 3V..	DS1073M-100	**300-1210**			
1075	8	Oscillator/divider, 60MHz max frequency...	DS1075M-60	**670-613**			
1075	8	Oscillator/divider, 66MHz max frequency...	DS1075M-66	**670-601**			
1075	8	Oscillator/divider, 80MHz max frequency...	DS1075M-80	**670-595**			
1075	8	Oscillator/divider, 100MHz max frequency...	DS1075M-100	**670-583**			

## DS1075K EconOscillator/Divider Development Kit

DALLAS
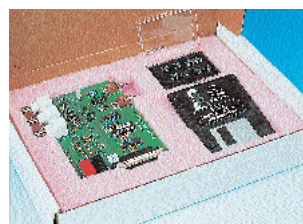
The DS1075-XX devices may be programmed to designers specification using the DS1075K development kit. The board connects to a standard PC running Windows 95, allowing the user to set output frequencies and operation modes, programming the desired parameters into the device. Full instructions and set up details can be found on the disk provided.

The kit can be used for demonstration or evaluation purposes and includes:
- 2 Samples of each of DS1075M-60/66/80/100
- DS1075K Circuit Board
- Data, Software disk with block diagram and schematics

SEM482

DS1075K Development Kit ....Order Code .670-571   each

HIP4080A Demonstration Board

intersil
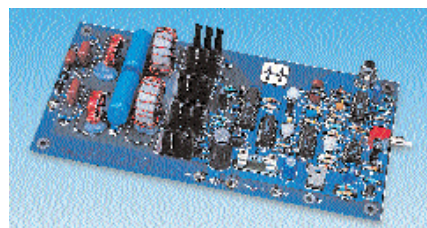
An Audio Amplifier utilizing the HIP4080AIP and RFP22N10 devices allowing evaluation of Class D topology in audio applications without restrictions associated with current and voltage characteristics of the output switching elements. The evaluation board may also be used as a prototype circuit design towards a digital audio amplifier.

Performance features:
- $150W_{RMS}$ audio power
- Reduced heatsinking
- Difference tone = -70dB (1kHz)
- 86% efficiency
- 3rd Order intermodulation products = -38dB (18 and 21kHz)
- Frequency response with <0.2dB amplitude variation ($4W_{RMS}$ into 4Ω)

SEM434

HIP4080AEVAL2 Demonstration Board.......Order Code .786-858.†   each
† Available until stocks are exhausted

HIP4082 Evaluation Board.


intersil
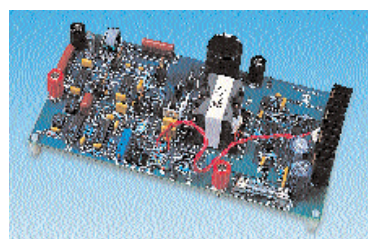
A simple solution for low to medium voltage DC-AC isolated battery inverter utilizing the HIP4082AIP with topology to provide 60kHz, low voltage, squarewave, to drive a small isolation power transformer. The board shows how easy it is to design inverters with HIP4082 gate drivers. The design incorporates thermal limiting conditions to allow for the unit to operate without heatsinking enclosure for a user to probe at various points to understand the circuit operation. Designers can modify or customize the Evaluation Board to their specific applications, including uninterruptible power supply to insulate computers from line dips or accessories using DC battery source in automobiles.

SEM440

HIP4082EVAL Board...........................Order Code .786-860.†   each
† Available until stocks are exhausted

Siren Demonstration Board
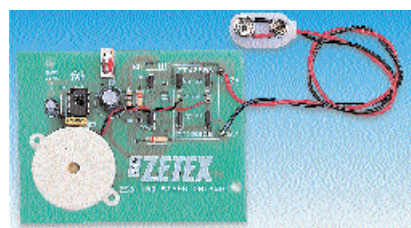
Contains all the components required to demonstrate the Zetex solution to high performance signal generation and siren driving. The circuit is optimized for performance using a minimum of components.

The **ZSD100D8 IC** performs all the signal generation and shaping functions requiring only two external timing capacitors. Switches are provided to power down the IC and toggle between triangle and sawtooth waveforms. Zetex ZTX790A and ZTX690B transistors provide the H bridge driver circuit for the   on-board piezo sounder. All that is required is a 9 volt battery (order Code 249-804) to demonstrate the ear piercing sound of the Zetex siren driving circuit.

Exclusive to Farnell.

SEM387

Siren Demonstration Board ....Order Code 596-814   each

SEM155

Speech Synthesis ICs

	Mftr.	Pins	Description	Mftrs. List No.	Order Code	Price Each		
						1+	10+	100+
1191	OKI	8	Speaker-drive power amplifier for speech synthesis applications................................	MSC1191RS	**.632-338.**			
1416	ISD	28	Single-chip voice record/playback device - 16 seconds duration................................	ISD1416P	**539-685**			
1420	ISD	28	Single-chip voice record/playback device - 20 seconds duration................................	ISD1420P	**140-077**			
2532	ISD	28	Single-chip voice record/playback device - 32 seconds duration................................	ISD2532P	**140-089**			
2540	ISD	28	Single-chip voice record/playback device - 40 seconds duration................................	ISD2540P	**140-090**			
2548	ISD	28	Single-chip voice record/playback device - 48 seconds duration................................	ISD2548P	**140-107**			
2560	ISD	28	Single-chip voice record/playback device - 60 seconds duration................................	ISD2560P	**140-119**			
2590	ISD	28	Single-chip voice record/playback device - 90 seconds duration................................	ISD2590P	**140-120**			
6388	OKI	44	Audio recorder adaptable for voice record/playback systems. (QFP package)..............	MSM6388GSV2K	SMD.**632-340**			
6389	OKI	18	Serial data register for data storage in a record/playback system. (PLCC package)......	MSM6389JS	SMD.**632-363**			
6389	OKI	16	Serial data register for data storage in a record/playback system...........................	MSM6389RS	**.632-375**			
6588	OKI	44	As MSM6388GSV1K with voice triggered recording, pause function, built-in LPF and reduced command processing time (QFP package)	MSM6588GSV2K	SMD.**632-351**			
8650	HT	28	Message reminder device with single or multiple play operation mode........................	HT8650	**791-143**			
8659	HT	28	Voice recorder device with auto play-back function..	HT8659	**791-155**			
33180	ISD	28	Single-chip voice record/playback device - 180 seconds duration.............................	ISD33180P	**140-132**			
33240	ISD	28	Single-chip voice record/playback device - 240 seconds duration.............................	ISD33240P	**140-144**			

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