

## 500 mw AUDIO AMPLIFIER IC (Type LM386N)

This robust little amplifier is the heart of many audio devices such as radios, intercom's etc. Produces up to a half watt of output into a 4-ohm speaker. Operates on, low voltages for portable use (4 to 12 VDC, max. 15). Voltage gain up to 200!



Part No. 86-1050

## VHF DOUBLE BALANCED MIXER IC (Type NE602AN)

This is an extremely flexible low power IF mixer. Noise is under 5.0 dB @ 45MHz; excellent gain and sensitivity. Useful in direct conversion receivers or mixer/oscillator application., portable radios, VHF transceivers etc. etc.



Part No. 86-1059

## CMOS TIMER IC (Type ICM7555)

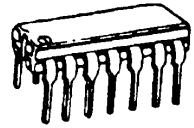
Because it is CMOS, this variation on the 555 timer is a very low power IC and ideal for battery operation. (It may not be plug-compatible for the 555 in all cases; pinouts are the same, however.) Usage is same as the popular 555 timer.



Part No. 86-1070

## Popular CMOS IC's, 4000 series

The most popular of this CMOS logic family of IC's. Called for in projects, magazine articles etc.. Packaged one per package

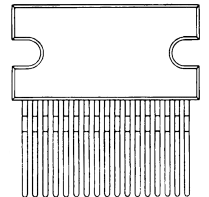


IC type	Description	Package	Part no.
CD4001	Quad 2-input Nor Gate	14-pin DIP	86-4001
CD4011	Quad 2-input NAND Gate	14-pin DIP	86-4011
CD4013	Dual D-Flipflop	14-pin DIP	86-4013
CD4017	Decade Counter/Divider	16-pin DIP	86-4017
CD4046	Phase-locked loop	16-pin DIP	86-4046
CD4049	Hex Buffer, Inverting	16-pin DIP	86-4049
CD4066	Quad Analog Switch	16-pin DIP	86-4066

## STEREO POWER AMPLIFIER IC 44 watts (type TDA1554)

Originally designed for hi-end automotive stereo applications, this is a top quality product for any hi-fidelity use. The case is a 17 lead single in-line (SIL) (every other pin bent to DIL) plastic power package. The circuit contains four 11 watt single-ended or two 22 watt bridge amplifiers. It features low harmonic distortion, excellent ripple rejection and no "pop" with power on/off.

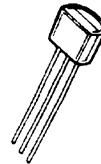
Among the many extras are Mute facility, ESD protection, reverse polarity safe and thermal overload shut down. The operation range is from six to eighteen volts but typical is 14.4 volts DC. The circuit requires very few external components. Use with four ohm speakers is recommended; circuit diagram included



Part No. 86-1056

## NPN RF AMPLIFIER TRANSISTOR (Type PN918)

A package of five NPN transistors, 15V, 50mA, Ft 600MHz, H<sub>FE</sub> P 20 minimum. For VHF and UHF use.



Part No. 86-1250

## FUNCTION GENERATOR IC (Type ICL8038)

Provides simultaneous square, triangle and sine waveforms from .001 Hz to 1 megahertz. Operates at 10 to 36 volts DC; duty cycle adjustable from 2% to 98% and can also be used for frequency sweeping or FM modulated.

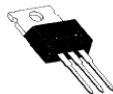


Part No. 86-1074

## POWER MOSFET TRANSISTORS

Popular N-channel MOSFETS; available in several power ratings; 100 V breakdown.

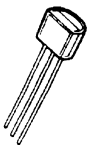
Part no.	Type	Amps	R
86-1273	IRF510	5.6	.54ohms
86-1275	IRF520	9.2A	.27
86-1277	IRF540	28A	.077



All Philmore components parts are prime devices and meet standard industry specifications.

## JFET TRANSISTOR (Type MPF102)

An N-channel JFET transistor; depletion mode VHF amplifier; 25V, 20mA. A very popular, general purpose FET.



Part No. 86-1268