

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)

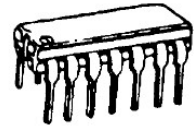
Because it is CMOS, this variation on the 555 timer is a very low power IC and ideal for battery operation. (It may not be plug-compatible for the 555 in all cases; pinouts are the same, however.) Usage is same as the popular 555 timer.



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

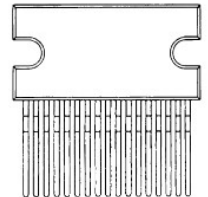


| IC type | Description | Package | Part no. |
|---------|------------------------|------------|----------|
| CD4001 | Quad 2-input Nor Gate | 14-pin DIP | 86-4001 |
| CD4011 | Quad 2-input NAND Gate | 14-pin DIP | 86-4011 |
| CD4013 | Dual D-Flipflop | 14-pin DIP | 86-4013 |
| CD4017 | Decade Counter/Divider | 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_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.

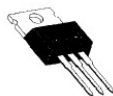


Part No. 86-1074

POWER MOSFET TRANSISTORS

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

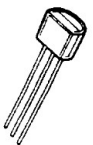
| Part no. | Type | Amps | R |
|----------|--------|------|---------|
| 86-1273 | IRF510 | 5.6 | .54ohms |
| 86-1275 | IRF520 | 9.2A | .27 |
| 86-1277 | IRF540 | 28A | .077 |



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