

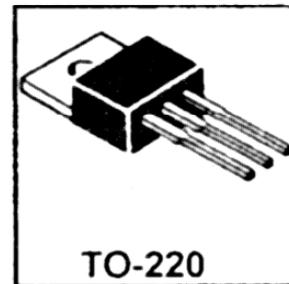


GENERAL DESCRIPTION

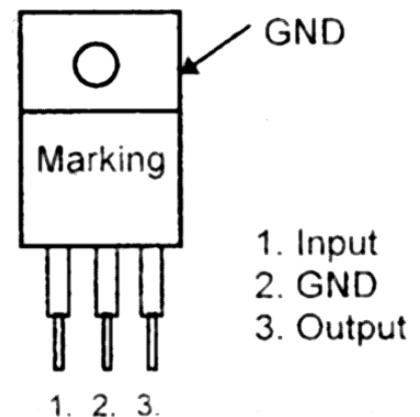
The KP142EH5 series of three terminal regulators is available with several fixed output voltages making them useful in a wide range of applications. One of these is local on card regulation, eliminating the distribution problems associated with single point regulation. The voltages available allow these regulators to be used in logic systems, instrumentation, HiFi, and other solid state electronic equipment. Although designed primarily as fixed voltage regulators these devices can be used with external components to obtain adjustable voltages and currents. Of external components, it is not necessary to bypass the output, although this does improve transient response. Input bypassing is needed only if the regulator is located far from the filter capacitor of the power supply.

Considerable effort was expended to make the KP142EH5-8 series of regulators easy to use and minimize the number.

KP142EH5



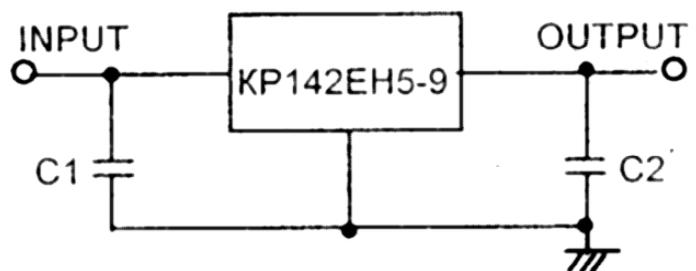
PIN ARRANGEMENT



FEATURES

- Output current 1A is available.
- No external component required
- Internal thermal overload protection
- Output transistor safe area protection
- Internal short circuit current limit

TYPICAL APPLICATION



OUTPUT VOLTAGE AND TYPE

Output Voltage(V)	Type	Output Voltage(V)	Type
5	KP142EH5A	9	KP142EH8E
6	KP142EH5Б	12	KP142EH8Ж
5	KP142EH5B	15	KP142EH8И
6	KP142EH5Г	20	KP142EH9A
8	KP142EH8A	24	KP142EH9Б
9	KP142EH8Б	27	KP142EH9B
12	KP142EH8B	20	KP142EH9Г
15	KP142EH8Г	24	KP142EH9Д
8	KP142EH8Д	27	KP142EH9E