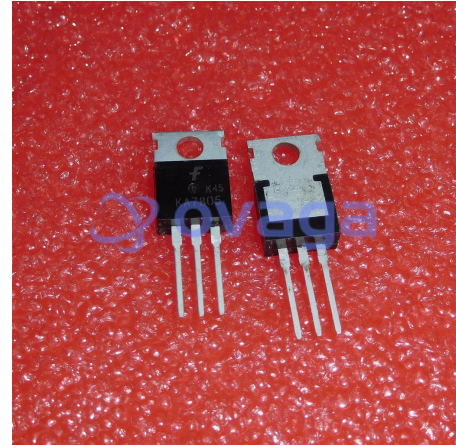


Linear Regulators - Standard

Manufacturers	NXP Semiconductor
Package/Case	TO-220
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for KA7805 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

KA7805 is a voltage regulator IC (integrated circuit) that provides a fixed 5V output voltage. It is part of the 78xx series of linear voltage regulators and is commonly used in electronic circuits where a stable and reliable 5V power supply is required.

Features

Input voltage range: 7V to 25V

Output voltage: 5V

Output current: up to 1A

Thermal shutdown and short circuit protection

Low dropout voltage

Application

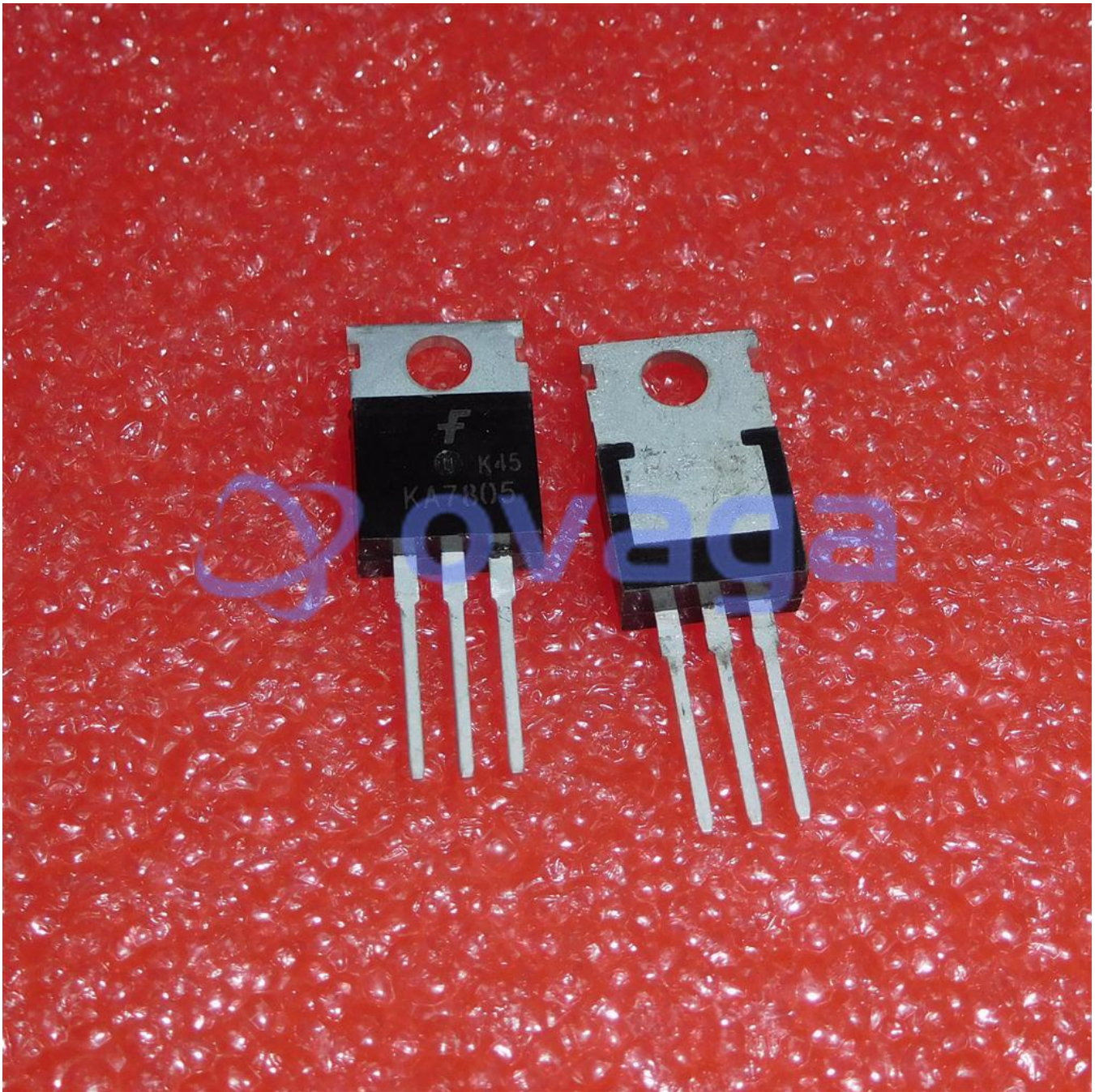
Power supplies for electronic circuits

Voltage regulation for microcontrollers and other digital ICs

Powering sensors, motors, and other electronic components

Battery charging circuits

Voltage stabilizers for automotive electronics



Related Products



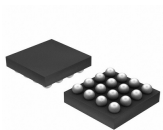
[KA431](#)

NXP Semiconductor
TO-92



[KA723](#)

NXP Semiconductor
DIP-14



[NX5P3201CUKAZ](#)

NXP Semiconductor
30-UFBGA, WLCSP



[PCA9626B,118](#)

NXP Semiconductor
LQFP-48



[MC33982BPNA](#)

NXP Semiconductor
Power QFN-16



[MC3PHACVPE](#)

NXP Semiconductor
DIP-28



[MC14489BPE](#)

NXP Semiconductor
DIP20



[MC34716EP](#)

NXP Semiconductor
QFN-26