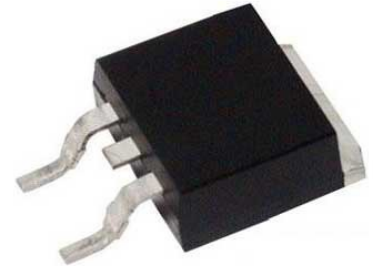


500 mA Adjustable Output, Positive Voltage Regulator, Linear Regulators - Standard 500mA  
ADJ 1.2-37V Positive

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	D2PAK
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for LM317MABDTRKG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LM217M and LM317M are monolithic integrated circuits in DPAK package used as positive adjustable voltage regulators. They are designed to supply until 500 mA of load current with an output voltage adjustable over a 1.2 to 37 V range. The nominal output voltage is selected by one resistive divider only, making the device exceptionally easy to configure and avoiding the use of several fixed regulators.

## Features

Output voltage range: 1.2 to 37V

Output current in excess of 500mA

Line regulation typ. 0.01%

Load regulation typ. 0.1%

Thermal overload protection

Short-circuit protection

Output transition safe area compensation

Floating operation for high voltage applications

## Application

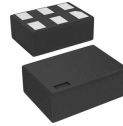
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## Related Products



[LM2594DADJR2G](#)

ON Semiconductor, LLC  
SOIC-8



[NCP380LMUAJAATBG](#)

ON Semiconductor, LLC  
uDFN-6



[LM2596DSADJR4G](#)

ON Semiconductor, LLC  
D2PAK



[LM431BCMX](#)

ON Semiconductor, LLC  
SOIC-8



[NCP383LMUAJAATXG](#)

ON Semiconductor, LLC  
uDFN-10



[LM317MABDTG](#)

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D2PAK



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[NCV380LMUAJAATBG](#)

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UDFN-6