

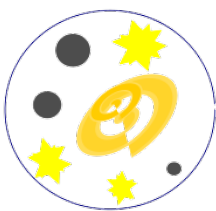
Introducing our AMS1117 Linear Drop-Out (LDO) Voltage Regulator Breakout Board – the perfect solution for achieving steady and reliable voltage regulation in your projects.

Key Features of our AMS1117 Breakout Board:

- **AMS1117 LDO Regulator:** At the heart of our breakout board lies the AMS1117, a trusted and proven Low Dropout Voltage Regulator. It provides a seamless transition from higher input voltages to a stable and precise output voltage, ensuring your circuits receive the power they need with minimal fluctuations.
- **Wide Voltage Range:** Input voltage from 3.6 V to 18 V, Max Output 12V with 1A max current draw.
- **Efficient and Reliable Design:** Our breakout board is designed with efficiency and safety in mind, with a 1.2A fuse protecting your circuit elements from over current events, and a heat sink to maximising heat dissipation which not only keeps your components safe from thermal spikes but also extends their operational lifespan.
- **Compact and Practical:** We understand the value of space in your projects. Our breakout board features a compact design, making it a convenient choice for various applications where size matters.
- **Easy Integration:** Don't waste time deciphering complicated setups. Our breakout board offers user-friendly connectivity with clearly labelled input and output pins. You'll have your voltage regulation up and running quickly.
- **Enhanced Stability:** The AMS1117 on our breakout board is known for its remarkable stability. It effectively filters out noise and provides a clean, consistent voltage output – up to 120Hz input frequencies. Perfect for sensitive electronic circuits.

From DIY enthusiasts to seasoned professionals, our AMS1117 LDO Voltage Regulator Breakout Board is an indispensable tool for a wide range of applications, including microcontroller projects, sensor interfaces, and battery-powered devices.

Don't compromise on voltage stability and performance. Elevate your projects with our AMS1117 LDO Voltage Regulator Breakout Board. Experience the convenience and precision first hand – order now and ensure your circuits receive the reliable power they deserve!



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