

Wide Input, 2A, 500KHz Synchronous Step-Down Converter in SOT23-8

DESCRIPTION

The ETA1494 is a wide input range, synchronous, high-efficiency, DC-to-DC step-down switching regulator, capable of delivering up to 2A of output current. With a fixed switching frequency of 500KHz, this current mode PWM controlled converter allows the use of small external components, such as ceramic input and output caps, as well as small inductors. ETA1494 also employs a proprietary control scheme that switches the device into a power save mode during light load, thereby extending the range of high efficiency operation. What is unique about ETA1494 is that it is packaged in a tiny space saving SOT23-8 package

FEATURES

- **Wide Input Operating Range from 4V to 18V**
- **High Efficiency at 12V In 5V Out: Up to 91%:**
- **High Efficiency PFM mode at light load**
- **Capable of Delivering 2A**
- **No External Schottky and Compensation Needed**
- Current Mode control
- Logic Control Shutdown
- Thermal shutdown and UVLO
- Available in SOT23-8 Package

APPLICATIONS

- Set Top Boxes
- Flat Panel TVs and Monitors
- Networking equipment
- Notebooks and Tablets

ORDERING INFORMATION

PART #	PACKAGE PIN	TOP MARK
ETA1494S21-T	SOT23-8	TBDYW <div style="margin-left: 20px;">└─ Date Code</div> <div style="margin-left: 20px;">└─ Product Number</div>

TYPICAL APPLICATION

