
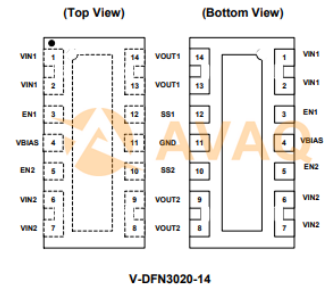


**Power Switch Hi Side 2-OUT 6A 0.017Ohm 14-Pin VDFN EP
T/R**

Manufacturer:	Diodes Inc
Package/Case:	DFN-14
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Key Features

Description

AP22966 is an integrated dual N-channel load switch which features an adjustable slew rate that can be set using an external capacitor independently for each channel. The N-Channel MOSFETs have a typical RON of 18mΩ, enabling current handling capability of up to 6A. Both channels can independently be controlled with low voltage logic signals.

AP22966 is designed to operate from 0.8V to 5.5V. The low quiescent supply current makes it ideal for use in battery powered distribution systems where power consumption is a concern.

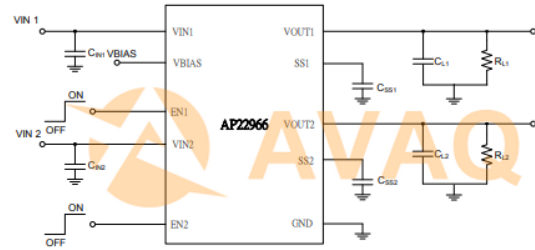
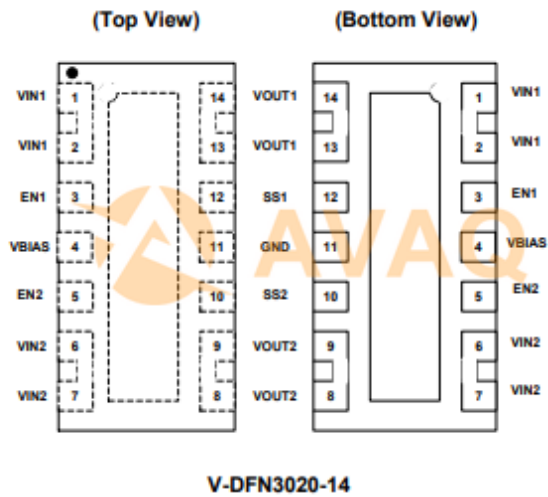
AP22966 is available in a standard Green V-DFN3020-14 package with exposed PAD for improved thermal performance and is RoHS compliant.

Features

- Integrated Dual Channel Load Switch
- 0.8V to 5.5V Input Voltage Range
- Low Typical RON of 18mΩ (VBIAS = 5V)
- 6A Maximum Continuous Current per Channel
- Very Low Quiescent Current
- 60μA (Both Channels)
- 45μA (Single Channel)
- Per Channel Adjustable Slew Rate
- Internal Quick Output Discharge (QOD)
- Low Voltage Logic Enable
- 1.2/1.8/2.5/3.3V Logic
- Small Form Factor Package V-DFN3020-14
 - Footprint of just 6mm²
- Thermally Efficient Low Profile Package
- TotallyLead-Free & Fully RoHS Compliant (Notes 1 & 2)
- Halogen and Antimony Free. “Green” Device (Note 3)

Applications

- Ultrabooks
- Notebooks
- Netbooks
- SetTop Boxes
- SSD (Solid State Drives)
- Consumer Electronics
- Tablet PC
- Telecom Systems



Recommended For You

AP3012KTR-G1

Diodes Inc
SOT23-5

AP2171WG-7

Diodes Inc
SOT23-5

AP2411MP-13

Diodes Inc
MSOP8

APX811-29UG-7

Diodes Inc
SOT143

AP9101CAK6-ABTRG1

Diodes Inc
SOT-26

AP2511M8-13

Diodes Inc
MSOP8

AP2181DMPG-13

Diodes Inc
MSOP8

AP2161DSG-13

Diodes Inc
SOP-8

AP2181MPG-13

Diodes Inc
MSOP8

AP2337SA-7

Diodes Inc
SOT23

AP2151AW-7

Diodes Inc
SOT25

AP2411S-13

Diodes Inc
SOP8

AP2161WG-7

Diodes Inc
SOT23-5

AP2821KTR-G1

Diodes Inc
SOT23-5

AP431SAN1TR-G1

Diodes Inc
SOT23