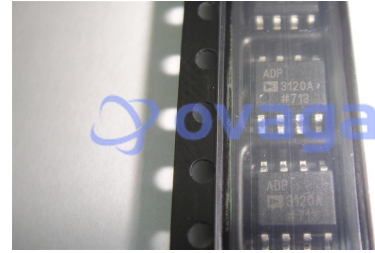


Dual 12 V MOSFET Driver with Output Disable, MOSFET & Power Driver ICs 2 12V FET DRVR W/OUT DIS



Images are for reference only

Manufacturers	<u>ON Semiconductor, LLC</u>
Package/Case	SO-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for ADP3120AJRZ-RL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

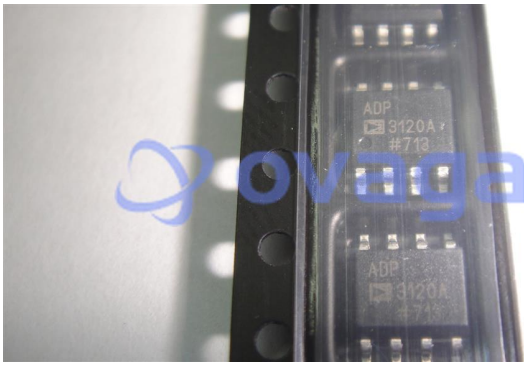
The ADP3120A is a dual, high voltage MOSFET driver optimized for driving two N-channel MOSFETs, the two switches in a nonisolated synchronous buck power converter. Each driver is capable of driving a 3000 pF load with a 45 ns propagation delay and a 25 ns transition time. One of the drivers can be bootstrapped and is designed to handle the high voltage slew rate associated with floating high-side gate drivers. The ADP3120A includes overlapping drive protection to prevent shoot-through current in the external MOSFETs.

Features

- All in one synchronous buck converter
- One PWM generates both drives
- Anti cross-conduction protection circuitry
- Bootstrapped high side driver
- OD for disabling the driver outputs
- Meets CPU VR requirement when used with Flex-Mode controller

Application

ONSEMI



Related Products



[LM2594DADJR2G](#)

ON Semiconductor, LLC
SOIC-8



[NCP3334DADJR2G](#)

ON Semiconductor, LLC
SOIC-8



[NCP1252ADR2G](#)

ON Semiconductor, LLC
SOIC-8



[NCP5663DSADJR4G](#)

ON Semiconductor, LLC
TO-263



[NCP1234AD65R2G](#)

ON Semiconductor, LLC
SOIC-7



[NCV4274ADS50R4G](#)

ON Semiconductor, LLC
SOT263



[NCP1234AD100R2G](#)

ON Semiconductor, LLC
SOP7



[ADT7463ARQZ](#)

ON Semiconductor, LLC
QSOP-24