ICE3A2565

Data Sheet

Off-Line SMPS Current Mode Controller with integrated 650V Startup Cell/CoolMOS,AC/DC Switching Converters Off-Line SMPS Currnt Mode CTRLR 650V

Images are for reference only

Manufacturers	Infineon Technologies Corporation
Package/Case	DIP-8
Product Type	Power Management ICs
RoHS	Green
Lifecycle	

Please submit RFQ for ICE3A2565 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

ICE3A2565 is a type of integrated circuit (IC) that belongs to the ICE3x series of controllers designed for switched-mode power supplies (SMPS). It is a highly efficient resonant mode controller that operates in continuous conduction mode (CCM) for offline flyback applications. Some of its features and applications are as follows:

Features

Wide input voltage range: 85 VAC to 265 VAC

Integrated 650 V CoolMOS™ MOSFET for high efficiency

Frequency jittering for improved electromagnetic compatibility (EMC)

Adjustable burst mode frequency for reduced standby power consumption

Auto-restart protection for over-temperature, over-voltage, and output short circuit conditions

Built-in soft start for smooth startup

Pulse frequency modulation (PFM) mode for low load efficiency

Protection against open feedback loop and shorted secondary rectifier

Over-current protection with adjustable threshold

Compact form factor in a DIP-8 package

Application

Offline flyback power supplies for a wide range of applications such as LED lighting, consumer electronics, industrial controls, and household appliances

AC/DC power converters for auxiliary power supplies, standby power, and battery chargers


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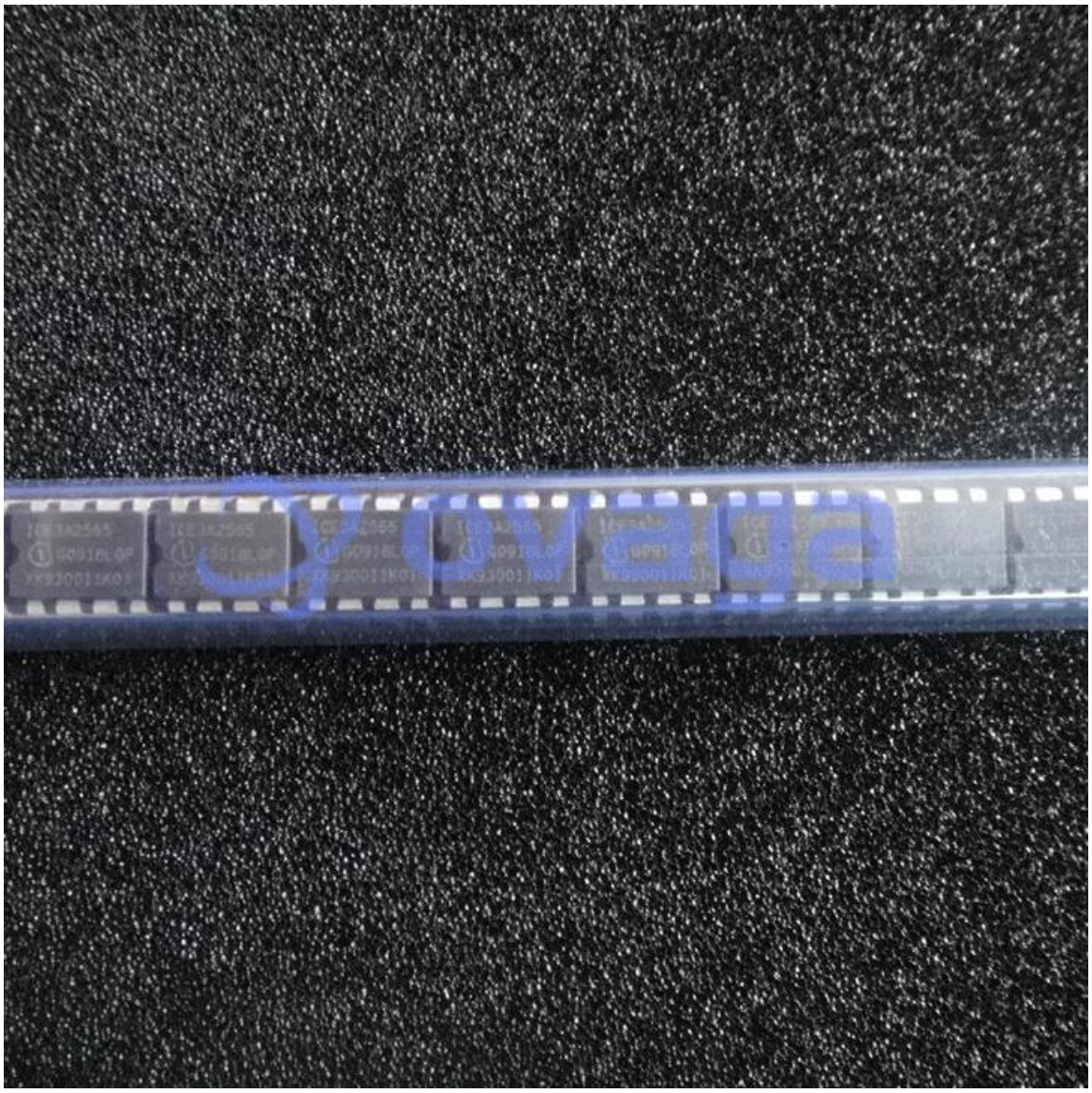


Related Products

[ICE3AR0680JZ]

Infineon Technologies Corporation

DIP7

[ICE2B0565]

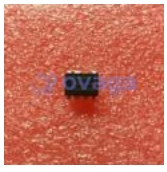
Infineon Technologies Corporation

DIP-8

[ICE2B365]

Infineon Technologies Corporation

DIP-8



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DIP-7

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PG-TO220-6

[ICE1PCS02]

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DIP-8

ICE2PCS02

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DIP-8

ICE2A380P2

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TO-220