
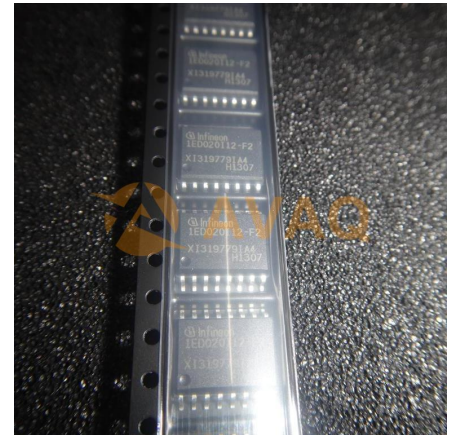


Enhanced Driver IC

Manufacturer:	<u>Infineon Technologies Corporation</u>
Package/Case:	SOP16
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Unconfirmed



Images are for reference only

[Inquiry](#)

General Description

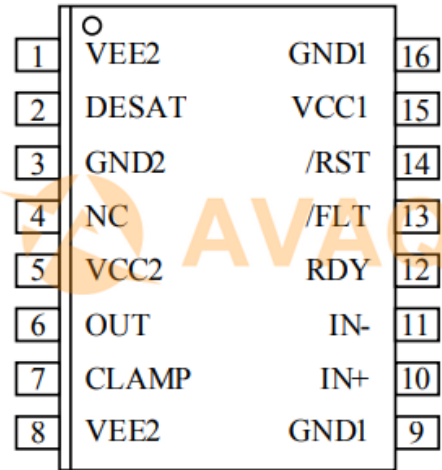
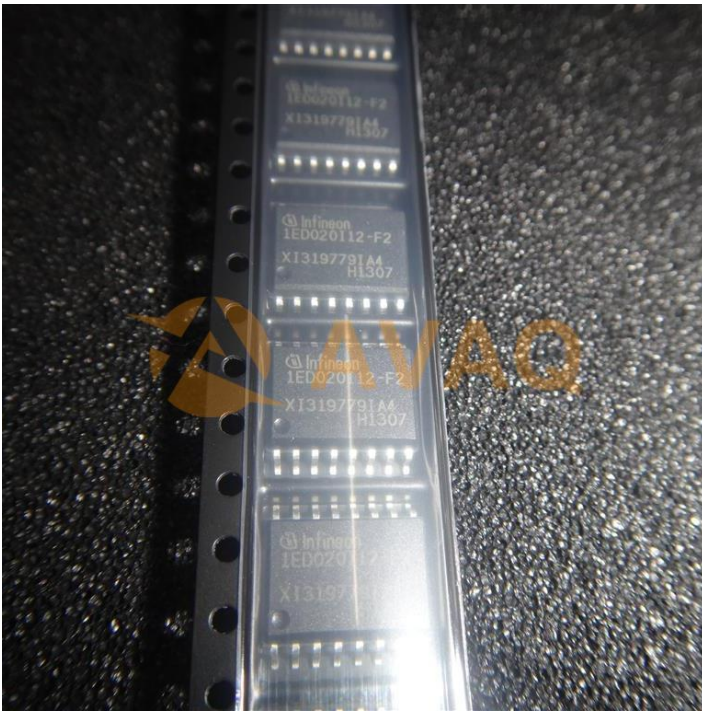
1ED020I12-F2 is a power module from Infineon Technologies AG. It is a half-bridge gate driver IC that provides high-side and low-side outputs for driving power MOSFETs or IGBTs in various power conversion applications.

Key Features

- Input voltage range of 4.5V to 20V
- Output current of 2A source and 3A sink
- Wide operating temperature range of -40°C to 125°C
- Built-in dead-time generation to prevent cross-conduction
- Integrated bootstrap diode for high-side driving
- Under-voltage lockout protection for both channels

Application

- IR2301S from Infineon
- MCP14E10 from Microchip
- TLP250 from Toshiba
- MAX5059BASA+ from Maxim Integrated



Recommended For You

1EDN7550UXTSA1

Infineon Technologies Corporation

TSNP6

BTS70021EPPXUMA1

Infineon Technologies Corporation

TSDSO-14

TLF50211ELXUMA2

Infineon Technologies Corporation

SSOP-14

1EDN7512BXTSA1

Infineon Technologies Corporation

SOT23-5

1ED3123MC12HXUMA1

Infineon Technologies Corporation

PG-DSO-8

1EDN7511BXUSA1

Infineon Technologies Corporation

SOT23-6

1EDC40112AHXUMA1

Infineon Technologies Corporation

PG-DSO-8-59

BTS70041EPPXUMA1

Infineon Technologies Corporation

TSSOP14

1ED020112FA2XUMA2

Infineon Technologies Corporation

PG-DSO-20

BTT60101ERAXUMA1

Infineon Technologies Corporation

PG-TDSO-14

BTS70101EPAXUMA1

Infineon Technologies Corporation

TSSOP14

BTS70081EPPXUMA1

Infineon Technologies Corporation

PG-TSDSO-14

BTS50901EJAXUMA1

Infineon Technologies Corporation

SOP8

TLS810B1EJV50XUMA1

Infineon Technologies Corporation

SOP8

BTS409L1E3062ABUMA1

Infineon Technologies Corporation

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