

Image may be representation.
See specifications for product details.



2EDL05N06PJXUMA1

Manufacturer Part Number **2EDL05N06PJXUMA1**

Manufacturer **Infineon Technologies**

Allelco Part Number **32D-2EDL05N06PJXUMA1**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC GATE DRVR HALF-BRIDGE 14DSO**

Package **14-SOIC (0.154", 3.90mm Width)**

Data sheet **Cylindrical Battery Holders.pdf**

Cylindrical Battery Holders.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

2EDL05N06PJXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology 2EDL05N06PJXUMA1 datasheet/specifications on AllelcoElec.com.
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Specifications

2EDL05N06PJXUMA1 Tech Specifications

2EDL05N06PJXUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Mounting Type	Surface Mount
Voltage - Supply	10V ~ 25V	Logic Voltage - VIL, VIH	1.1V, 1.7V
Supplier Device Package	PG-DSO-14-2	Input Type	Non-Inverting
Series	EiceDriver™	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	48ns, 24ns	Gate Type	IGBT, N-Channel, P-Channel MOSFET
Package / Case	14-SOIC (0.154", 3.90mm Width)	Driven Configuration	Half-Bridge
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	-
Operating Temperature	-40°C ~ 150°C (TJ)	Channel Type	Independent
Number of Drivers	2	Base Product Number	2EDL05

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies 2EDL05N06PJXUMA1

Product Attribute				
Part Number	2EDL05N06PJXUMA1	2EDL05N06PFXUMA1	2EDL23I06PJXUMA1	2EDN7424FXTMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Channel Type	Independent	Independent	Independent	Independent
Logic Voltage - VIL, VIH	1.1V, 1.7V	1.1V, 1.7V	1.1V, 1.7V	0.8V, 2.3V
Driven Configuration	Half-Bridge	Half-Bridge	Half-Bridge	Low-Side
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	10V ~ 25V	10V ~ 20V	10V ~ 25V	4.5V ~ 20V
Current - Peak Output (Source, Sink)	-	-	2.3A, 2.3A	4A, 4A
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	2EDL05	2EDL05	2EDL23	2EDN7424
Rise / Fall Time (Typ)	48ns, 24ns	48ns, 24ns	48ns, 37ns	6.4ns, 5.4ns
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
High Side Voltage - Max (Bootstrap)	600 V	600 V	600 V	-
Number of Drivers	2	2	2	2
Gate Type	IGBT, N-Channel, P-Channel MOSFET	IGBT, N-Channel, P-Channel MOSFET	IGBT	N-Channel MOSFET
Series	EiceDriver™	EiceDriver™	EiceDriver™	EiceDriver™
Supplier Device Package	PG-DSO-14-2	PG-DSO-8	PG-DSO-14	PG-DSO-8-60

2EDL05N06PJXUMA1 Datasheet PDF

Download 2EDL05N06PJXUMA1 pdf datasheets and Infineon Technologies documentation for 2EDL05N06PJXUMA1 - Infineon Technologies.

Datasheets

Cylindrical Battery Holders.pdf

Other Related Documents

Part Number Guide.pdf

PCN Packaging

Mult Dev Cover Tape Chg 13/Jul/2022.pdf






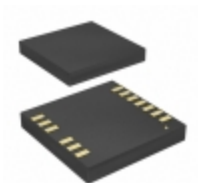











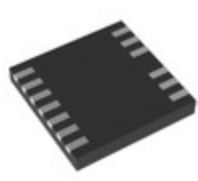
330mm Reel Pkg Chg 3/Aug/2018.pdf

HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
2EDL05N06PFXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDGE 8DSO	2EDL23I06PJXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDGE DSO14	2EDL05I06BF Cypress Semiconductor (Infineon Technologies)	2EDL05N06PF Cypress Semiconductor (Infineon Technologies)	2EDN7424FXTMA1 Infineon Technologies IC GATE DRVR LOW-SIDE DSO8	2EDF7275KXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDG TFLGA-13
					
2EDL8014GXUMA1 Infineon Technologies INT. POWERSTAGE/DRIVER PG-VDSO-	2EDL05I06PJXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDGE DSO14	2EDL23N06PJXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDGE 14DSO	2EDF9275FXUMA1 Infineon Technologies IC IGBT DVR	2EDL05N06PJ Cypress Semiconductor (Infineon Technologies)	2EDL05I06PJ Cypress Semiconductor (Infineon Technologies)
					
2EDN7524F Cypress Semiconductor (Infineon Technologies)	2EDL23N06PJ Cypress Semiconductor (Infineon Technologies)	2EDL8123G Cypress Semiconductor (Infineon Technologies)	2EDL05I06PF Cypress Semiconductor (Infineon Technologies)	2EDL23I06PJ Cypress Semiconductor (Infineon Technologies)	2EDF7275KXUMA2 Infineon Technologies DRIVER IC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.

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Certifications & Memberships



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