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See specifications for product details.



EZ6301QI

Manufacturer Part Number	EZ6301QI
Manufacturer	Intel
Allelco Part Number	32D-EZ6301QI
ECAD Model	Request Free CAD Models
Parts Description	IC REG TRPL BCK/LNR 2.5MHZ 40QFN
Package	40-QFN Exposed Pad
Data sheet	EZ6301QI.pdf
RoHs Status	RoHS Compliant

Get a Quote

EZ6301QI - Intel.New Original in Stock. Download Linear Technology EZ6301QI datasheet/specifications on AllelcoElec.com.
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Specifications

EZ6301QI Tech Specifications
EZ6301QI - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Supplier Device Package	40-QFN (7x4)
w/Supervisor	No	Series	Enpirion®
w/Sequencer	No	Package / Case	40-QFN Exposed Pad
w/LED Driver	No	Package	Tape & Reel (TR)
Voltage/Current - Output 3	0.9V ~ 3.3V, 300mA	Operating Temperature	-40°C ~ 85°C (TA)
Voltage/Current - Output 2	0.9V ~ 3.3V, 300mA	Number of Outputs	3
Voltage/Current - Output 1	0.6V ~ 3.3V, 1.5A	Mounting Type	Surface Mount
Voltage - Supply	1.6V ~ 3.6V	Frequency - Switching	2.5MHz
Topology	Step-Down (Buck) (1), Linear (LDO) (2)	Base Product Number	EZ6301

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EZ6301QI

Product Attribute				
Part Number	EZ6301QI	LT3500EDD#TRPBF	TPS51275RUKT	ISL6521IBZ-T
Manufacturer	Intel	Analog Devices Inc.	Texas Instruments	Renesas Electronics America Inc
w/Sequencer	No	No	No	No
Base Product Number	EZ6301	LT3500	TPS51275	ISL6521
Voltage - Supply	1.6V ~ 3.6V	3V ~ 36V	5V ~ 24V	4.5V ~ 5.5V
Voltage/Current - Output 3	0.9V ~ 3.3V, 300mA	-	3.3V, 100mA	Adjustable, 120mA
Voltage/Current - Output 1	0.6V ~ 3.3V, 1.5A	0.8V ~ 38.9V, 2A	Controller	Controller
Supplier Device Package	40-QFN (7x4)	12-DFN (3x3)	20-WQFN (3x3)	16-SOIC
Voltage/Current - Output 2	0.9V ~ 3.3V, 300mA	Adjustable, 13mA	Controller	Adjustable, 120mA
w/Supervisor	No	No	No	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	40-QFN Exposed Pad	12-WDFN Exposed Pad	20-WFQFN Exposed Pad	16-SOIC (0.154", 3.90mm Width)
Frequency - Switching	2.5MHz	500kHz ~ 2.4MHz	300kHz, 355kHz	300kHz
Number of Outputs	3	2	4	4
Series	Enpirion®	-	D-CAP™	-
Topology	Step-Down (Buck) (1), Linear (LDO) (2)	Step-Down (Buck) (1), Linear (LDO) (1)	Step-Down (Buck) Synchronous (2), Linear (LDO) (2)	Step-Down (Buck) Synchronous (1), Linear (LDO) (3)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
w/LED Driver	No	No	No	No
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C

EZ6301QI Datasheet PDF

Download EZ6301QI pdf datasheets and Intel documentation for EZ6301QI - Intel.

Datasheets

[EZ6301QI.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

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PCN Obsolescence/ EOL


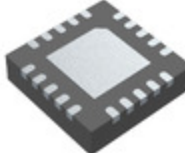


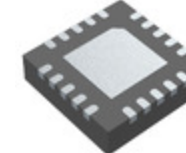

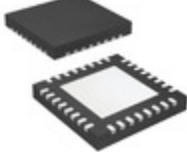






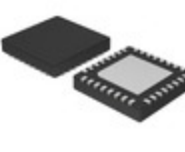
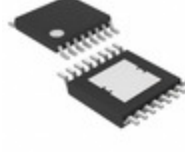

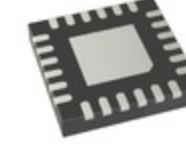

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LT3500EDD#TRPBF Analog Devices Inc. IC REG DL BUCK/LINEAR 12DFN	TPS51275RUKT Texas Instruments IC REG QUAD BUCK/LNR SYNC 20WQFN	ISL6521IBZ-T Renesas Electronics America Inc IC REG QUAD BUCK/LNR SYNC 16SOIC	NCP6924GFCCHT1G onsemi IC REG 6OUT BCK/LNR 3MHZ 30WLCSP	TPS51275B-1RUKR Texas Instruments IC REG QUAD BUCK/LNR SYNC 20WQFN	MAX1999EEI+TGC1 Analog Devices Inc./Maxim Integrated IC REG QD BUCK/LNR SYNC 28QSOP
					
TPS51222RTVR Texas Instruments IC REG QUAD BUCK/LINEAR 32WQFN	A4402ELPTR-T Allegro MicroSystems IC REG DL BUCK/LNR 2MHZ 16TSSOP	ISL6549CAZA-T Renesas Electronics America Inc IC REG DL BUCK/LNR SYNC 16QSOP	FAN5069MTCX Fairchild Semiconductor SWITCHING CONTRROLLER, CURRENT-MO	ISL6534CV Intersil DUAL SWITCHING CONTROLLER	ADP5033ACBZ-1-R7 Analog Devices Inc. IC REG QUAD BCK/LNR SYNC 16WLCSP
					
HIP6521CB-T Intersil SWITCHING CONTROLLER	NCV97310MW33R2G onsemi IC REG QUAD BUCK/LNR SYNC 32QFN	MAX1765EUE+ Analog Devices Inc./Maxim Integrated IC REG DL BOOST/LNR SYNC 16TSSOP	ISL6529CB Renesas Electronics America Inc IC REG DL BUCK/LNR SYNC 14SOIC	ADP5037ACPZ-R7 Analog Devices Inc. IC REG QUAD BCK/LNR SYNC 24LFCSP	TPS65262-2RHBT Texas Instruments IC REG 5OUT BUCK/LNR SYNC 32VQFN

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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