



Image may be representation.  
See specifications for product details.



## ICE3BR0680JZ

Manufacturer Part Number	<b>ICE3BR0680JZ</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-ICE3BR0680JZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	<b>OFF-LINE SMPS CURRENT MODE CONTR</b>
Package	<b>8-DIP (0.300", 7.62mm), 7 Leads</b>
Data sheet	ICE3BR0680JZ.pdf

**Get a Quote**

ICE3BR0680JZ - Infineon Technologies. New Original in Stock. Download Linear Technology ICE3BR0680JZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ICE3BR0680JZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ICE3BR0680JZ Tech Specifications

ICE3BR0680JZ - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	10.5V ~ 25V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	17 V	Mounting Type	Through Hole
Voltage - Breakdown	800V	Internal Switch(s)	Yes
Topology	Flyback	Frequency - Switching	65kHz
Supplier Device Package	PG-DIP-7-1	Fault Protection	Current Limiting, Open Loop, Over Load, Over Temperature, Over Voltage, UVLO
Series	CoolSET®	Duty Cycle	75%
Power (Watts)	82 W	Control Features	Soft Start
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	Base Product Number	ICE3BR0680
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies ICE3BR0680JZ

Product Attribute				
Part Number	ICE3BR0680JZ	ICE3BR0665JFXKSA1	ICE3B5565I	ICE3BR2565JF
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Voltage - Breakdown	800V	650V	650V	650V
Control Features	Soft Start	-	Soft Start	-
Output Isolation	Isolated	Isolated	Isolated	Isolated
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-25°C ~ 130°C (TJ)	-25°C ~ 130°C (TJ)
Power (Watts)	82 W	259 W	240 W	106 W
Series	CoolSET®	CoolMOS™, CoolSET™F3R	CoolMOS™, CoolSET™F3	CoolSET®F3R
Topology	Flyback	Flyback	Flyback	Flyback
Voltage - Start Up	17 V	18 V	15 V	18 V
Voltage - Supply (Vcc/Vdd)	10.5V ~ 25V	10.5V ~ 25V	8.5V ~ 21V	10.5V ~ 25V
Internal Switch(s)	Yes	Yes	Yes	Yes
Package	Bulk	Tube	Tube	Tube
Duty Cycle	75%	75%	72%	75%
Package / Case	8-DIP (0.300", 7.62mm), 7 Leads	TO-220-6 Full Pack, Formed Leads	TO-220-6 Formed Leads	TO-220-6 Full Pack, Formed Leads
Supplier Device Package	PG-DIP-7-1	PG-TO220-6-347	PG-TO220-6-46	PG-TO220-6-247
Frequency - Switching	65kHz	67kHz	67kHz	67kHz
Base Product Number	ICE3BR0680	ICE3BR0665	ICE3B5565	ICE3BR2565
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Fault Protection	Current Limiting, Open Loop, Over Load, Over Temperature, Over Voltage, UVLO	Current Limiting, Open Loop, Over Load, Over Temperature, Over Voltage	Current Limiting, Open Loop, Over Load, Over Temperature, Over Voltage	Current Limiting, Open Loop, Over Load, Over Temperature, Over Voltage

### Customers Also Interested in

#### Recommended Products



**ICE3B5065P**  
Cypress Semiconductor  
(Infineon Technologies)



**ICE3BR1765JZ**  
Cypress Semiconductor  
(Infineon Technologies)



**ICE3BR1565JF**  
Cypress Semiconductor  
(Infineon Technologies)



**ICE3BR0665JFXKSA1**  
Infineon Technologies  
IC OFFLINE SWITCH FLYBACK TO220



**ICE3B365**  
Cypress Semiconductor  
(Infineon Technologies)



**ICE3BR1465JF**  
Cypress Semiconductor  
(Infineon Technologies)



**ICE3BR4765J**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR0665J**Infineon Technologies  
IC OFFLINE SWITCH FLYBACK 8DIP**ICE3B5565I**Infineon Technologies  
IC OFFLINE SWITCH FLYBACK TO220**ICE3B5565P**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR2565JF**Infineon Technologies  
IC OFFLINE SWITCH FLYBACK TO220**ICE3BR1065JF**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR0665JF**Cypress Semiconductor  
(Infineon Technologies)**ICE3B5065P-2**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR0665JZ**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR1765J**Infineon Technologies  
IC OFFLINE SWITCH FLYBACK 8DIP**ICE3BR0655J**Cypress Semiconductor  
(Infineon Technologies)**ICE3BR2280JZ**Cypress Semiconductor  
(Infineon Technologies)

## 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.



## Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



View More



WWW.ALLELCOELEC.COM

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