



Image may be representation.  
See specifications for product details.



## IFX8117MEV

Manufacturer Part Number	<b>IFX8117MEV</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-IFX8117MEV
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR ADJ LDO REGULATOR
Package	TO-261-4, TO-261AA
Data sheet	IFX8117MEV.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

IFX8117MEV - Infineon Technologies.New Original in Stock. Download Linear Technology IFX8117MEV datasheet/specifications on AllelcoElec.com.  
Request a quote for IFX8117MEV, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IFX8117MEV Tech Specifications

IFX8117MEV - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	PSRR	75dB (120Hz)
Voltage Dropout (Max)	1.25V @ 1A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.25V	Output Configuration	Positive
Voltage - Output (Max)	13.8V	Operating Temperature	0°C ~ 125°C (TJ)
Voltage - Input (Max)	15V	Number of Regulators	1
Supplier Device Package	PG-SOT223-4	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	1A
Package / Case	TO-261-4, TO-261AA	Control Features	-
Package	Bulk		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IFX8117MEV

Product Attribute				
Part Number	IFX8117MEV	IFX8117MEV33	IFX78M05ABTFATMA1	IFX54441EJV33XUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Series	-	-	-	-
Number of Regulators	1	1	1	1
Voltage - Output (Max)	13.8V	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
PSRR	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)	65dB (120Hz)
Voltage Dropout (Max)	1.25V @ 1A	1.25V @ 1A	2V @ 500mA (Typ)	0.4V @ 300mA
Package / Case	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-252-3, DPak (2 Leads + Tab), SC-63	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Operating Temperature	0°C ~ 125°C (TJ)	0°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Input (Max)	15V	15V	35V	20V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Adjustable	Fixed	Fixed	Fixed
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Reverse Polarity
Current - Output	1A	1A	500mA	300mA
Package	Bulk	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	1.25V	3.3V	5V	3.3V
Supplier Device Package	PG-SOT223-4	PG-SOT223-4	PG-TO252-3	PG-DSO-8
Control Features	-	-	-	Enable
Current - Quiescent (Iq)	10 mA	10 mA	5 mA	60 µA

### Customers Also Interested in

#### Recommended Products



**IFXH12N120P**

IXYS / Littelfuse



**IFX7805ABTF**

Cypress Semiconductor  
(Infineon Technologies)



**IFX54441LDV33**

Cypress Semiconductor  
(Infineon Technologies)



NO PICTURE

**IFX80471SK V**

INFINEONTECH



**IFX8117MEV33**

Infineon Technologies  
IC REG LINEAR FIXED LDO REG



**IFX78M05ABTFATMA1**

Infineon Technologies  
IC REG LINEAR 5V 500MA TO252-3



**IFX80471SKV**Infineon Technologies  
IFX80471 - SWITCHING  
REGULATORS**IFX9201SGAUMA1**Infineon Technologies  
IC HALF BRIDGE DRIVER 6A 12DSO**IFX91041EJV50**Infineon Technologies  
IFX91041 - SWITCHING  
REGULATORS**IFX8117EMV**Cypress Semiconductor  
(Infineon Technologies)**IFX91041EJV33XUMA1**Infineon Technologies  
IC REG BUCK 3.3V 1.8A 8DSO-27**IFX2931GV50**Infineon Technologies  
IFX2931 - LINEAR VOLTAGE  
REGULAT**IFX54441EJV33XUMA1**Infineon Technologies  
IC REG LIN 3.3V 300MA 8DSO E-PAD**IFX54441LDV**Cypress Semiconductor  
(Infineon Technologies)**IFX8117MEV50**Infineon Technologies  
IC REG LINEAR FIXED LDO REG**IFX9201SG**Cypress Semiconductor  
(Infineon Technologies)**IFX81481ELV**Cypress Semiconductor  
(Infineon Technologies)**IFX91041EJV50XUMA1**Infineon Technologies  
IC REG BUCK 5V 1.8A 8DSO-27**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.**



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**Certifications & Memberships**

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