



IPW60R060C7

Manufacturer Part Number	IPW60R060C7
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IPW60R060C7
ECAD Model	Request Free CAD Models
Parts Description	IPW60R060 - 600V COOLMOS N-CHANN
Package	TO-247-3
Data sheet	IPW60R060C7.pdf



Get a Quote

IPW60R060C7 - Infineon Technologies. New Original in Stock. Download Linear Technology IPW60R060C7 datasheet/specifications on AllelcoElec.com.
Request a quote for IPW60R060C7, please send us email: info@allelco.com

Specifications

IPW60R060C7 Tech Specifications

IPW60R060C7 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 800µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	2850 pF @ 400 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	68 nC @ 10 V
Supplier Device Package	PG-TO247-3	FET Type	N-Channel
Series	CoolMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	60mOhm @ 15.9A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	162W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-247-3	Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IPW60R060C7

Product Attribute	NO PICTURE			
Part Number	IPW60R060C7	IPW60R060P7XKSA1	IPW60R041P6FKSA1	IPW60R041C6FKSA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Series	CoolMOS™	CoolMOS™ P7	CoolMOS™ P6	CoolMOS™
Current - Continuous Drain (Id) @ 25°C	35A (Tc)	48A (Tc)	77.5A (Tc)	77.5A (Tc)
Vgs (Max)	±20V	±20V	±20V	±20V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Bulk	Tube	Tube	Tube
Rds On (Max) @ Id, Vgs	60mOhm @ 15.9A, 10V	60mOhm @ 15.9A, 10V	41mOhm @ 35.5A, 10V	41mOhm @ 44.4A, 10V
Package / Case	TO-247-3	TO-247-3	TO-247-3	TO-247-3
Vgs(th) (Max) @ Id	4V @ 800µA	4V @ 800µA	4.5V @ 2.96mA	3.5V @ 2.96mA
Input Capacitance (Ciss) (Max) @ Vds	2850 pF @ 400 V	2895 pF @ 400 V	8180 pF @ 100 V	6530 pF @ 10 V
Supplier Device Package	PG-TO247-3	PG-TO247-3	PG-TO247-3	PG-TO247-3-1
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	68 nC @ 10 V	67 nC @ 10 V	170 nC @ 10 V	290 nC @ 10 V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Power Dissipation (Max)	162W (Tc)	164W (Tc)	481W (Tc)	481W (Tc)
Drain to Source Voltage (Vdss)	600 V	600 V	600 V	600 V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V

Customers Also Interested in

Recommended Products



IPW60R060P7XKSA1
Infineon Technologies
MOSFET N-CH 600V 48A TO247-3

IPW60R070C6/6R070C6
INF

IPW60R041P6
Cypress Semiconductor
(Infineon Technologies)

IPW60R041P6FKSA1
Infineon Technologies
MOSFET N-CH 600V 77.5A TO247-3

IPW60R070C6 MOS
Cypress Semiconductor
(Infineon Technologies)

IPW60R045CP
Cypress Semiconductor
(Infineon Technologies)



IPW60R041C6FKSA1
Infineon Technologies
MOSFET N-CH 600V 77.5A TO247-3

IPW60R041C6
Infineon Technologies
600V, 0.041OHM, N-CHANNEL
MOSFET

IPW60R070C6
Cypress Semiconductor
(Infineon Technologies)

IPW60R060P7 MOS
Cypress Semiconductor
(Infineon Technologies)

IPW60R070CFD7XKSA1
Infineon Technologies
MOSFET N-CH 650V 31A TO247-3

IPW60R070C6 6R070C6
Cypress Semiconductor
(Infineon Technologies)



IPW60R045CP/6R045

Cypress Semiconductor
(Infineon Technologies)

IPW60R070C6FKSA1

Infineon Technologies
MOSFET N-CH 600V 53A TO247-3

IPW60R041C6 6R041C6

Cypress Semiconductor
(Infineon Technologies)

IPW60R055CFD7

Cypress Semiconductor
(Infineon Technologies)

IPW60R045CP 6R045

Cypress Semiconductor
(Infineon Technologies)

IPW60R060P7

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

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Email

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Certifications & Memberships



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