





IPW60R041C6FKSA1

Manufacturer Part Number	IPW60R041C6FKSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IPW60R041C6FKSA1
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 600V 77.5A TO247-3
Package	TO-247-3
Data sheet	IPW60R041C6FKSA1.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

IPW60R041C6FKSA1 - Infineon Technologies.New Original in Stock. Download Linear Technology IPW60R041C6FKSA1 datasheet/specifications on AllelcoElec.com.
Request a quote for IPW60R041C6FKSA1, please send us email: info@allelco.com





Specifications

IPW60R041C6FKSA1 Tech Specifications
IPW60R041C6FKSA1 - 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	3.5V @ 2.96mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	6530 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	290 nC @ 10 V
Supplier Device Package	PG-TO247-3-1	FET Type	N-Channel
Series	CoolMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	41mOhm @ 44.4A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	481W (Tc)	Drain to Source Voltage (Vdss)	600 V
Package / Case	TO-247-3	Current - Continuous Drain (Id) @ 25°C	77.5A (Tc)
Package	Tube	Base Product Number	IPW60R041

Parts with Similar Specifications


The three parts on the right have similar specifications to Infineon Technologies IPW60R041C6FKSA1

Product Attribute				
Part Number	IPW60R041C6FKSA1	IPW60R041P6FKSA1	IPW60R040C7XKSA1	IPW60R041C6
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Vgs(th) (Max) @ Id	3.5V @ 2.96mA	4.5V @ 2.96mA	4V @ 1.24mA	-
Input Capacitance (Ciss) (Max) @ Vds	6530 pF @ 10 V	8180 pF @ 100 V	4340 pF @ 400 V	-
Mounting Type	Through Hole	Through Hole	Through Hole	-
Gate Charge (Qg) (Max) @ Vgs	290 nC @ 10 V	170 nC @ 10 V	107 nC @ 10 V	-
Power Dissipation (Max)	481W (Tc)	481W (Tc)	227W (Tc)	-
Current - Continuous Drain (Id) @ 25°C	77.5A (Tc)	77.5A (Tc)	50A (Tc)	-
Package	Tube	Tube	Tube	-
FET Feature	-	-	-	-
Supplier Device Package	PG-TO247-3-1	PG-TO247-3	PG-TO247-3	-
Package / Case	TO-247-3	TO-247-3	TO-247-3	-
Base Product Number	IPW60R041	IPW60R041	IPW60R040	-
Series	CoolMOS™	CoolMOS™ P6	CoolMOS™ C7	-
Vgs (Max)	±20V	±20V	±20V	-
FET Type	N-Channel	N-Channel	N-Channel	-
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Rds On (Max) @ Id, Vgs	41mOhm @ 44.4A, 10V	41mOhm @ 35.5A, 10V	40mOhm @ 24.9A, 10V	-
Drain to Source Voltage (Vdss)	600 V	600 V	600 V	-

IPW60R041C6FKSA1 Datasheet PDF

Download IPW60R041C6FKSA1 pdf datasheets and Infineon Technologies documentation for IPW60R041C6FKSA1 - Infineon Technologies.

Other Related Documents


Part Number Guide.pdf

Customers Also Interested in

Recommended Products



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



IPW60R040C7XKSA1
Infineon Technologies
MOSFET N-CH 600V 50A TO247-3



IPW60R040C7
Cypress Semiconductor
(Infineon Technologies)



IPW60R041P6
Cypress Semiconductor
(Infineon Technologies)



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



IPW60R060C7
Infineon Technologies
IPW60R060 - 600V COOLMOS N-
CHANN



IPW60R045CP/6R045
Cypress Semiconductor
(Infineon Technologies)



IPW60R045CP 6R045
Cypress Semiconductor
(Infineon Technologies)



IPW60R045CP
Cypress Semiconductor
(Infineon Technologies)



IPW60R055CFD7
Cypress Semiconductor
(Infineon Technologies)



IPW60R037CSFD
Cypress Semiconductor
(Infineon Technologies)



IPW60R060P7
Cypress Semiconductor
(Infineon Technologies)



IPW60R040CFD7XKSA1
Infineon Technologies
MOSFET N-CH 600V 50A TO247-3



IPW60R040CFD7
Cypress Semiconductor
(Infineon Technologies)



IPW60R037P7 MOS
Cypress Semiconductor
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IPW60R037P7
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(Infineon Technologies)



IPW60R037P7XKSA1
Infineon Technologies
MOSFET N-CH 650V 76A TO247-3



IPW60R041C6 6R041C6
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 Alleco 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.

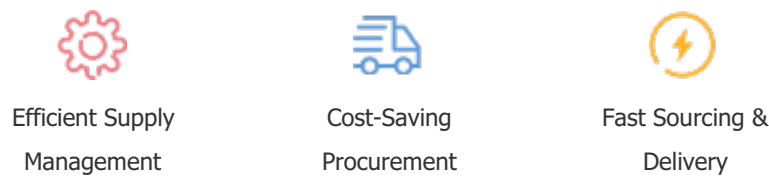
Contact us if you have any questions.

Payment Support

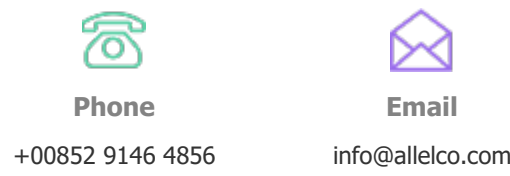
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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