

Specifications	
Part Number	IRG4PC40KDPBF
Manufacturer	International Rectifier (Infineon Technologies)
Description	IGBT 600V 42A 160W TO247AC
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	936 pcs Stock
Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic	2.6V @ 15V, 25A
Test Condition	480V, 25A, 10 Ohm, 15V
Td (on/off) @ 25°C	53ns/110ns
Switching Energy	950μJ (on), 760μJ (off)
Supplier Device Package	TO-247AC
Series	-
Reverse Recovery Time (trr)	42ns
Power - Max	160W
Packaging	Bulk
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	-
Gate Charge	120nC
Current - Collector Pulsed (Icm)	84A
Current - Collector (Ic) (Max)	42A

In:

IRG4PC40U
Infineon Technologies
IGBT 600V 40A 160W TO247AC



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IRG4PC40K/W
IR
IR TO-247



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IRG4PC40UD
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IRG4PC40UD IR



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IRG4PC40KD-E206

IR
IR TO-247



IRG4PC40K
 Infineon Technologies
 IGBT 600V 42A 160W TO247AC



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IRG4PC40KD
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More

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