


	<p><b>IPW65R070C6FKSA1</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">IPW65R070C6FKSA1</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">International Rectifier (Infineon Technologies)</a></p> <p><b>Part of Description:</b> MOSFET N-CH 650V 53.5A TO247</p> <p><b>Datasheets:</b>  <a href="#">IPW65R070C6FKSA1.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, 435 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
	
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">IPW65R070C6FKSA1</a>
Manufacturer	<a href="#">International Rectifier (Infineon Technologies)</a>
Description	MOSFET N-CH 650V 53.5A TO247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	435 pcs Stock
Vgs(th) (Max) @ Id	3.5V @ 1.76mA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO247-3
Series	CoolMOS™
Rds On (Max) @ Id, Vgs	70 mOhm @ 17.6A, 10V
Power Dissipation (Max)	391W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Other Names	IPW65R070C6
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	3900pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	170nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	10V
Drain to Source Voltage (Vdss)	650V
Detailed Description	N-Channel 650V 53.5A (Tc) 391W (Tc) Through Hole
Current - Continuous Drain (Id) @ 25°C	53.5A (Tc)

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ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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