

	<b>TSM045NA03CR RLG</b>
	<b>Manufacturer Part Number:</b> TSM045NA03CR RLG <b>Manufacturer/Brand:</b> TSC (Taiwan Semiconductor) <b>Part of Description:</b> MOSFET N-CH 30V 108A 8PDFN <b>Datasheets:</b>  <a href="#">TSM045NA03CR RLG.pdf</a> <b>RoHS Status:</b>  Lead free / RoHS <b>Stock Condition:</b> Compliant New original, Stock Available. <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
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**Specifications**

Part Number	TSM045NA03CR RLG
Manufacturer	TSC (Taiwan Semiconductor)
Description	MOSFET N-CH 30V 108A 8PDFN
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-PDFN (5x6)
Series	-
Rds On (Max) @ Id, Vgs	4.5 mOhm @ 18A, 10V
Power Dissipation (Max)	89W (Tc)
Packaging	Original-Reel®
Package / Case	8-PowerTDFN
Other Names	TSM045NA03CR RLGDKR
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	32 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	1194pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	19nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Detailed Description	N-Channel 30V 108A (Tc) 89W (Tc) Surface Mount 8-
Current - Continuous Drain (Id) @ 25°C	108A (Tc)

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