



## TSM042N03CS RLG

<b>Manufacturer Part Number:</b>	TSM042N03CS RLG
<b>Manufacturer/Brand:</b>	TSC (Taiwan Semiconductor)
<b>Part of Description:</b>	MOSFET N-CHANNEL 30V 30A 8SOP
<b>Datasheets:</b>	<a href="#">TSM042N03CS RLG.pdf</a>
<b>RoHS Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 31209 pcs Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	TSM042N03CS RLG
Manufacturer	TSC (Taiwan Semiconductor)
Description	MOSFET N-CHANNEL 30V 30A 8SOP
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> ,
Part Status	31209 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-SOP
Series	-
Rds On (Max) @ Id, Vgs	4.2 mOhm @ 12A, 10V
Power Dissipation (Max)	7W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)
Other Names	TSM042N03CS RLGTR
Operating Temperature	175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	28 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	2200pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	24nC @ 4.5V
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 30A (Tc) 7W (Tc) Surface Mount 8-SOP
Current - Continuous Drain (Id) @ 25°C	30A (Tc)

### You May Be Also Be interested

<p><b>In:</b></p> <p><b>TSM045NA03CR</b> TSC TSC PDFN56</p>	<p><b>TSM038N04LCP ROG</b> TSC (Taiwan Semiconductor) MOSFET N-CHANNEL 40V 135A TO252</p>	<p><b>TSM045NB06CR RLG</b> TSC (Taiwan Semiconductor) MOSFET SINGLE N-CHANNEL TRENCH</p>	<p><b>TSM040N03CP ROG</b> TSC (Taiwan Semiconductor) MOSFET N-CHANNEL 30V 90A TO252</p>
<p><b>TSM0505S</b> TARCO</p>	<p><b>TSM038N04LCP</b> HAMOS HAMOS TO-252</p>	<p><b>TSM048NB06LCR RLG</b> TSC (Taiwan Semiconductor) MOSFET SINGLE N-CHANNEL TRENCH</p>	<p><b>TSM045NA03CR RLG</b> TSC (Taiwan Semiconductor) MOSFET N-CH 30V 108A 8PDFN</p>

### TSM042N03CS RLG Related keyword

More

TSM042N03CS RLG TSC (Taiwan Semiconductor)	TSM042N03CS RLG Data Sheet	TSM042N03CS RLG Datasheets	TSM042N03CS RLG PDF	TSC (Taiwan Semiconductor)
TSM042N03CS RLG Electronic	TSM042N03CS RLG Components	TSM042N03CS RLG Distributor	TSM042N03CS RLG Image	TSM042N03CS RLG
TSM042N03CS RLG Price	TSM042N03CS RLG Manufacturer	TSM042N03CS RLG Picture	TSM042N03CS RLG Stock	TSM042N03CS RLG Part
TSM042N03CS RLG New	TSM042N03CS RLG Original	TSM042N03CS RLG Warranted	TSM042N03CS RLG RFQ	TSM042N03CS RLG Inventory
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