

BSC046N02KS G



Part Number: [BSC046N02KS G](#)

Manufacturer: [Infineon Technologies](#)

Description: MOSFET N-CH 20V 80A TDSON-8

Data sheet: [BSC046N02KS G](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER

Part Number	BSC046N02KS G
Manufacturer	Infineon Technologies
Description	MOSFET N-CH 20V 80A TDSON-8
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	141358 pcs
Product Photo	BSC046N02KS G.jpg
Category	Discrete Semiconductor Products
Voltage - Test	4100pF @ 10V
Voltage - Breakdown	PG-TDSON-8
Vgs(th) (Max) @ Id	4.6 mOhm @ 50A, 4.5V
Vgs (Max)	2.5V, 4.5V
Technology	MOSFET (Metal Oxide)
Series	OptiMOS™
RoHS Status	Tape & Reel (TR)
Rds On (Max) @ Id, Vgs	19A (Ta), 80A (Tc)
Polarization	8-PowerTDFN
Other Names	BSC046N02KS G-ND BSC046N02KS GTR BSC046N02KS G BSC046N02KSGAUMA1 SP000379666
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Part Number	BSC046N02KS G
Input Capacitance (Ciss) (Max) @ Vds	27.6nC @ 4.5V
IGBT Type	±12V
Gate Charge (Qg) (Max) @ Vgs	1.2V @ 110µA
FET Feature	N-Channel
Expanded Description	N-Channel 20V 19A (Ta), 80A (Tc) 2.8W (Ta), 48W (Tc) Surface Mount PG-TDSON-8
Drain to Source Voltage (Vdss)	-
Description	MOSFET N-CH 20V 80A TDSON-8
Current - Continuous Drain (Id) @ 25°C	20V
Capacitance Ratio	2.8W (Ta), 48W (Tc)

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