



**NP180N04TUK-E1-AY**

Manufacturer Part Number:	NP180N04TUK-E1-AY
Manufacturer / Brand:	Renesas Electronics America
Part of Description:	MOSFET N-CH 40V 180A TO-263
Datasheets:	<a href="#">NP180N04TUK-E1-AY.pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 700 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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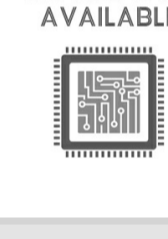












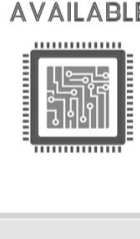
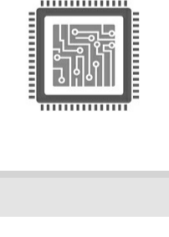
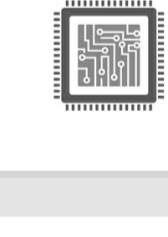
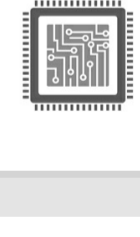
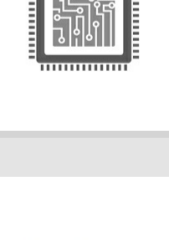





The specifications of NP180N04TUK-E1-AY

Part Number	NP180N04TUK-E1-AY	Manufacturer / Brand	Renesas Electronics America
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-263-7, D <sup>2</sup> Pak (6 Leads + Tab)	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	TO-263-7
Operating Temperature	175°C (TJ)	Detailed Description	N-Channel 40V 180A (Tc) 1.8W (Ta), 348W (Tc) Surface Mount TO-263-7
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	1.8W (Ta), 348W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	40V	Current - Continuous Drain (Id) @ 25°C	180A (Tc)
Rds On (Max) @ Id, Vgs	1.05 mOhm @ 90A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	297nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	15750pF @ 25V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±20V
Stock Quantity	700 pcs Stock	Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>
Description	MOSFET N-CH 40V 180A TO-263	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to NP180N04TUK-E1-AY

<a href="#">Renesas Electronics America NP180N04TUK-E1-AY</a>	<a href="#">NP180N04TUK-E1-AY part</a>	<a href="#">NP180N04TUK-E1-AY Price</a>	<a href="#">NP180N04TUK-E1-AY Distributor</a>
<a href="#">NP180N04TUK-E1-AY Technical</a>	<a href="#">NP180N04TUK-E1-AY Stock</a>	<a href="#">NP180N04TUK-E1-AY Inventory</a>	<a href="#">NP180N04TUK-E1-AY Supplier</a>
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