



BUK7C1R4-40EJ Information



For Reference Only

Part Number BUK7C1R4-40EJ

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 40V 200A D2PAK-7

Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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BUK7C1R4-40EJ Specifications

Manufacturer NXP Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) - Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB		
Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vys (Max) - FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Manufacturer Part Number	BUK7C1R4-40EJ
Transistors - FETs, MOSFETs - Single	Manufacturer	NXP
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Series - N-Channel Technology MOSFET (Metal Oxide) Technology 40V Current - Continuous Drain (Id) @ 25°C		Transistors - FETs, MOSFETs - Single
FET Type N-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds - Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case N-Channel MOSFET (Metal Oxide) MOSFET (Metal Oxide) 40V AUV AUV AUV	Package	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Technology Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C - Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) - FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 40V	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case Device Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Drain to Source Voltage (Vdss)	40V
Vgs(th) (Max) @ Id	Current - Continuous Drain (Id) @ 25°C	-
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Drive Voltage (Max Rds On, Min Rds On)	-
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Vgs(th) (Max) @ Id	-
Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) - Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max) Rds On (Max) @ Id, Vgs - Operating Temperature Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Vgs (Max)	-
Rds On (Max) @ Id, Vgs - Operating Temperature - Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	FET Feature	-
Operating Temperature - Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Power Dissipation (Max)	-
Mounting Type Surface Mount Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Rds On (Max) @ Id, Vgs	-
Supplier Device Package D2PAK (7-Lead) Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Operating Temperature	-
Package / Case TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Mounting Type	Surface Mount
	Supplier Device Package	D2PAK (7-Lead)
Domont among	Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Report errors?		Report errors?

BUK7C1R4-40EJ Guarantees



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BUK7C1R4-40EJ Shipping Methods













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