



### **BUK7C1R8-60EJ Information**



For Reference Only

Part Number BUK7C1R8-60EJ

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 60V 200A D2PAK-7

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

For the pricing/inventory/lead time, please contact

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



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# **BUK7C1R8-60EJ 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)         60V           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) 60V  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  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	Manufacturer Part Number	BUK7C1R8-60EJ
Transistors - FETs, MOSFETs - Single	Manufacturer	NXP
Package TO-263-7, D2Pak (6 Leads + Tab), TO-263CB  Series - FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) 60V  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	Category	Discrete Semiconductor Products
Series - M-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) 60V  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 Tootinuous Drain (Id)		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)  80  WOSFET (Metal Oxide)  -  NOSFET (Metal Oxide)  -  SUFET (Metal Oxide)  SUFET (M	Package	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Technology Drain to Source Voltage (Vdss) 60V 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  60V	FET Type	N-Channel
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  -  Continuous Drain (Id) @ 25°C  -  -  Surface Mount  D2PAK (7-Lead)  TO-263-7, D2Pak (6 Leads + Tab), TO-263CB	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)	60V
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)
Report errors?	Package / Case	TO-263-7, D2Pak (6 Leads + Tab), TO-263CB
Report circles.		Report errors?

### **BUK7C1R8-60EJ Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **BUK7C1R8-60EJ Payment Methods**



















### **BUK7C1R8-60EJ Shipping Methods**













If you have any question about BUK7C1R8-60EJ, please do not hesitate to contact us!

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