



MTM981400BBF Information



For Reference Only

Part Number MTM981400BBF

Manufacturer Panasonic Electronic Components

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 40V 7A S08

Package 8-SMD, Flat Lead

For the pricing/inventory/lead time, please contact

us

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



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MTM981400BBF Specifications

Manufacturer Part NumberMTM981400BBFManufacturerPanasonic Electronic ComponentsCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage8-SMD, Flat LeadSeries-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C7A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs2700pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs25 mOhm @ 7A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSO8-F1-BPackage / Case8-SMD, Flat Lead		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-SMD, Flat Lead Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Train to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 7A (Ta) 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 25 mOhm @ 7A, 10V Departing Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case B-SMD, Flat Lead	Manufacturer Part Number	MTM981400BBF
Package 8-SMD, Flat Lead Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Drive Vgs (Max) @ Id, Vgs Summary S	Manufacturer	Panasonic Electronic Components
Package 8-SMD, Flat Lead Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 2700pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Category	Discrete Semiconductor Products
Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C7A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ ImAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds2700pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs25 mOhm @ 7A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSO8-F1-BPackage / Case8-SMD, Flat Lead		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2700pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package So8-F1-B Package / Case 8-SMD, Flat Lead	Package	8-SMD, Flat Lead
Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2700pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate 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 7A (Ta)	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 7A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2700pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 4.5V, 10V 2.5V @ 1mA 2.5V @ 1mA 2700pF @ 10V 4.20V 4.5V, 10V 2700pF @ 10V 4.5V, 10V 2700pF @ 10V 4.5V, 10V 500pF @ 10V 50	Drain to Source Voltage (Vdss)	40V
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 Supplier Device Package Package / Case 2.5V @ 1mA 2.5V @ 1mA 2.5V @ 1mA 2700pF @ 10V 2700pF @	Current - Continuous Drain (Id) @ 25°C	7A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ETF Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Coperating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 2700pF @ 10V 220V	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs25 mOhm @ 7A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSO8-F1-BPackage / Case8-SMD, Flat Lead	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Input Capacitance (Ciss) (Max) @ Vds	2700pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 25 mOhm @ 7A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs25 mOhm @ 7A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSO8-F1-BPackage / Case8-SMD, Flat Lead	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Power Dissipation (Max)	2W (Ta)
Mounting Type Surface Mount Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Rds On (Max) @ Id, Vgs	25 mOhm @ 7A, 10V
Supplier Device Package SO8-F1-B Package / Case 8-SMD, Flat Lead	Operating Temperature	150°C (TJ)
Package / Case 8-SMD, Flat Lead	Mounting Type	Surface Mount
	Supplier Device Package	SO8-F1-B
Report errors?	Package / Case	8-SMD, Flat Lead
		Report errors?

MTM981400BBF 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.

MTM981400BBF Payment Methods





















MTM981400BBF Shipping Methods













If you have any question about MTM981400BBF, please do not hesitate to contact us!

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