



DMP4013LFG-7 Information



For Reference Only

Part Number DMP4013LFG-7
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 40V 10.3A PWRDI3333

Package 8-PowerWDFN

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









DMP4013LFG-7 Specifications

Manufacturer Part Number DMP4013LFG-7 Manufacturer Diodes Incorporated Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-PowerWDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 10.3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 68.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 3426pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN		
Category Discrete Semiconductor Products Package 8-PowerWDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 10.3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 68.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 3426pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Manufacturer Part Number	DMP4013LFG-7
Package 8-PowerWDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 10.3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 68.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 3426pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Manufacturer	Diodes Incorporated
Package 8-PowerWDFN Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 10.3A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 68.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 3426pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Category	Discrete Semiconductor Products
Series - Channel P-Channel MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 10.3A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3V @ 250µA Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Poperating Temperature Joperating Temperature Supplier Device Package Power DI3333-8 Package / Case Power WDFN		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C10.3A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs68.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds3426pF @ 20VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerDI3333-8Package / Case8-PowerWDFN	Package	8-PowerWDFN
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 10.3A (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 13 mOhm @ 10A, 10V Operating Temperature Supplier Device Package Package / Case MOSFET (Metal Oxide) 40V MOSFET (Metal Oxide) 40V 40V 10.3A (Ta) 4.5V, 10V 3V @ 250μA 68.6nC @ 10V 3426pF @ 20V ±20V FURTHER (Ciss) (Max) @ Vds 14 (Ta) 15 mOhm @ 10A, 10V 17 mOhm @ 10A, 10V 18 mohm @ 10A, 10V 19 mounting Type Surface Mount Supplier Device Package PowerDI3333-8 8-PowerWDFN	Series	-
Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C10.3A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id3V @ 250μAGate Charge (Qg) (Max) @ Vgs68.6nC @ 10VInput Capacitance (Ciss) (Max) @ Vds3426pF @ 20VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerDI3333-8Package / Case8-PowerWDFN	FET Type	P-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 13 mOhm @ 10A, 10V Operating Temperature Supplier Device Package Package / Case 10.3A (Ta) 10.3C	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 68.6nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	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 13 mOhm @ 10A, 10V Operating Temperature Surplier Device Package Package / Case 8-PowerWDFN	Current - Continuous Drain (Id) @ 25°C	10.3A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) +20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-PowerWDFN	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 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-PowerWDFN	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerDI3333-8Package / Case8-PowerWDFN	Gate Charge (Qg) (Max) @ Vgs	68.6nC @ 10V
FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Input Capacitance (Ciss) (Max) @ Vds	3426pF @ 20V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 13 mOhm @ 10A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs13 mOhm @ 10A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device PackagePowerDI3333-8Package / Case8-PowerWDFN	FET Feature	-
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Power Dissipation (Max)	1W (Ta)
Mounting Type Surface Mount Supplier Device Package Package / Case Supplier Device Package PowerDI3333-8 8-PowerWDFN	Rds On (Max) @ Id, Vgs	13 mOhm @ 10A, 10V
Supplier Device Package PowerDI3333-8 Package / Case 8-PowerWDFN	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 8-PowerWDFN	Mounting Type	Surface Mount
	Supplier Device Package	PowerDI3333-8
Report errors?	Package / Case	8-PowerWDFN
		Report errors?

DMP4013LFG-7 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.

DMP4013LFG-7 Payment Methods



















DMP4013LFG-7 Shipping Methods













If you have any question about DMP4013LFG-7, please do not hesitate to contact us!

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