



### **DMP4015SSS-13 Information**



For Reference Only

Part Number DMP4015SSS-13
Manufacturer Diodes Incorporated

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description**MOSFET P-CH 40V 9.1A 8-SO**Package**8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **DMP4015SSS-13 Specifications**

Manufacturer Part Number         DMP4015SSS-13           Manufacturer         Diodes Incorporated           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         40V           Current - Continuous Drain (Id) @ 25°C         9.1A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.5V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         47.5nC @ 5V           Input Capacitance (Ciss) (Max) @ Vds         4234pF @ 20V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         1.45W (Ta)           Rds On (Max) @ Id, Vgs         11 mOhm @ 9.8A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         8-SO           Package / Case         8-SOIC (0.154", 3.90mm Width)		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         40V           Current - Continuous Drain (Id) @ 25°C         9.1A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.5V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         47.5nC @ 5V           Input Capacitance (Ciss) (Max) @ Vds         4234pF @ 20V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         1.45W (Ta)           Rds On (Max) @ Id, Vgs         11 mOhm @ 9.8A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         8-SO           Package / Case         8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	DMP4015SSS-13
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Package8-SOIC (0.154", 3.90mm Width)Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C9.1A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs47.5nC @ 5VInput Capacitance (Ciss) (Max) @ Vds4234pF @ 20VVgs (Max)±25VFET Feature-Power Dissipation (Max)1.45W (Ta)Rds On (Max) @ Id, Vgs11 mOhm @ 9.8A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Discrete Semiconductor Products
Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         40V           Current - Continuous Drain (Id) @ 25°C         9.1A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         2.5V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         47.5nC @ 5V           Input Capacitance (Ciss) (Max) @ Vds         4234pF @ 20V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         1.45W (Ta)           Rds On (Max) @ Id, Vgs         11 mOhm @ 9.8A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         8-SO           Package / Case         8-SOIC (0.154", 3.90mm Width)		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 9.1A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 250µA Gate Charge (Qg) (Max) @ Vgs 47.5nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 4234pF @ 20V Vgs (Max) ±25V FET Feature - Power Dissipation (Max) 1.45W (Ta) Rds On (Max) @ Id, Vgs 11 mOhm @ 9.8A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SO Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)40VCurrent - Continuous Drain (Id) @ 25°C9.1A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs47.5nC @ 5VInput Capacitance (Ciss) (Max) @ Vds4234pF @ 20VVgs (Max)±25VFET Feature-Power Dissipation (Max)1.45W (Ta)Rds On (Max) @ Id, Vgs11 mOhm @ 9.8A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
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Current - Continuous Drain (Id) @ 25°C  Prive 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  11 mOhm @ 9.8A, 10V  Operating Temperature  Surplier Device Package  Package / Case  9.1A (Ta)  1.5V (@ 250μA  42.34pF @ 20V  55°C  55°C  55°C  50°C  11 mOhm @ 9.8A, 10V  55°C  65°C  8-SOIC (0.154", 3.90mm Width)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2.5V @ 250μAGate Charge (Qg) (Max) @ Vgs47.5nC @ 5VInput Capacitance (Ciss) (Max) @ Vds4234pF @ 20VVgs (Max)±25VFET Feature-Power Dissipation (Max)1.45W (Ta)Rds On (Max) @ Id, Vgs11 mOhm @ 9.8A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPackage / Case8-SOIC (0.154", 3.90mm Width)	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  In mOhm @ 9.8A, 10V  Operating Temperature  Surplier Device Package  Package / Case  2.5V @ 250μA  47.5nC @ 5V  4234pF @ 20V  4234pF @ 20V  425V  FET Feature  -  Surface Mount  Surface Mount  8-SOIC (0.154", 3.90mm Width)	Current - Continuous Drain (Id) @ 25°C	9.1A (Ta)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  4234pF @ 20V  Vgs (Max)  ±25V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  11 mOhm @ 9.8A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  8-SOIC (0.154", 3.90mm Width)	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  11 mOhm @ 9.8A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  8-SO  Package / Case  8-SOIC (0.154", 3.90mm Width)	Vgs(th) (Max) @ Id	2.5V @ 250μA
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FET Feature - Power Dissipation (Max) 1.45W (Ta) Rds On (Max) @ Id, Vgs 11 mOhm @ 9.8A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SO Package / Case 8-SOIC (0.154", 3.90mm Width)	Input Capacitance (Ciss) (Max) @ Vds	4234pF @ 20V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  11 mOhm @ 9.8A, 10V  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  8-SO  Package / Case  8-SOIC (0.154", 3.90mm Width)	Vgs (Max)	±25V
Rds On (Max) @ Id, Vgs 11 mOhm @ 9.8A, 10V  Operating Temperature -55°C ~ 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package 8-SO  Package / Case 8-SOIC (0.154", 3.90mm Width)	FET Feature	-
Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  8-SO  Package / Case  8-SOIC (0.154", 3.90mm Width)	Power Dissipation (Max)	1.45W (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SO Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	11 mOhm @ 9.8A, 10V
Supplier Device Package 8-SO Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-SO
Report errors?	Package / Case	8-SOIC (0.154", 3.90mm Width)
		Report errors?

#### **DMP4015SSS-13 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.

## **DMP4015SSS-13 Payment Methods**





















## **DMP4015SSS-13 Shipping Methods**













If you have any question about DMP4015SSS-13, please do not hesitate to contact us!

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