



### NTF2955PT1G Information



For Reference Only

Part Number NTF2955PT1G
Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET P-CH 60V 1.7A SOT-223

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

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



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## NTF2955PT1G Specifications

Manufacturer Part Number         NTF2955PTIG           Manufacturer         ON Semiconductor           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-261-4, TO-261AA           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         1.7A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ ImA           Gate Charge (Qg) (Max) @ Vgs         14.3nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         492pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         1W (Ta)           Rds On (Max) @ Id, Vgs         185 mOhm @ 2.4A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA		
Category  Discrete Semiconductor Products  Transistors - FETs, MOSFETs - Single  Package  TO-261-4, TO-261AA  Series  - FET Type  P-Channel  Technology  MOSFET (Metal Oxide)  Forain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  1.7A (Ta)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds  492pF @ 25V  Vgs (Max)  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Manufacturer Part Number	NTF2955PT1G
Package         TO-261-4, TO-261AA           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         1.7A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ ImA           Gate Charge (Qg) (Max) @ Vgs         14.3nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         492pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         1W (Ta)           Rds On (Max) @ Id, Vgs         185 mOhm @ 2.4A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA	Manufacturer	ON Semiconductor
Package         TO-261-4, TO-261AA           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         1.7A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         14.3nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         492pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         1W (Ta)           Rds On (Max) @ Id, Vgs         185 mOhm @ 2.4A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA	Category	Discrete Semiconductor Products
Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         60V           Current - Continuous Drain (Id) @ 25°C         1.7A (Ta)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         4V @ 1mA           Gate Charge (Qg) (Max) @ Vgs         14.3nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         492pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         1W (Ta)           Rds On (Max) @ Id, Vgs         185 mOhm @ 2.4A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SOT-223           Package / Case         TO-261-4, TO-261AA		Transistors - FETs, MOSFETs - Single
FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)60VCurrent - Continuous Drain (Id) @ 25°C1.7A (Ta)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 1mAGate Charge (Qg) (Max) @ Vgs14.3nC @ 10VInput Capacitance (Ciss) (Max) @ Vds492pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs185 mOhm @ 2.4A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Package	TO-261-4, TO-261AA
Technology  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  1.7A (Ta)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  **E20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Series	-
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  1.7A (Ta)  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  Surplier Device Package  Package / Case  FONE  Power Dissipation (Max)  Surface Mount  Surface Mount  TO-261-A, TO-261AA	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 1.7A (Ta)  Drive Voltage (Max Rds On, Min Rds On) 10V  Vgs(th) (Max) @ Id 4V @ 1mA  Gate Charge (Qg) (Max) @ Vgs 14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds 492pF @ 25V  Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 1W (Ta)  Rds On (Max) @ Id, Vgs 185 mOhm @ 2.4A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SOT-223  Package / Case TO-261-4, TO-261AA	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  4V @ 1mA  Gate Charge (Qg) (Max) @ Vgs  14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds  492pF @ 25V  Vgs (Max)  £20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  14.3nC @ 10V  Input Capacitance (Ciss) (Max) @ Vds  492pF @ 25V  Vgs (Max)  ±20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Current - Continuous Drain (Id) @ 25°C	1.7A (Ta)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  492pF @ 25V  Vgs (Max)  ±20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  ET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  TO-261-4, TO-261AA	Vgs(th) (Max) @ Id	4V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1W (Ta)Rds On (Max) @ Id, Vgs185 mOhm @ 2.4A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	Gate Charge (Qg) (Max) @ Vgs	14.3nC @ 10V
FET Feature - Power Dissipation (Max) 1W (Ta) Rds On (Max) @ Id, Vgs 185 mOhm @ 2.4A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Input Capacitance (Ciss) (Max) @ Vds	492pF @ 25V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  185 mOhm @ 2.4A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SOT-223  Package / Case  TO-261-4, TO-261AA	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs185 mOhm @ 2.4A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageSOT-223Package / CaseTO-261-4, TO-261AA	FET Feature	-
Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SOT-223  Package / Case  TO-261-4, TO-261AA	Power Dissipation (Max)	1W (Ta)
Mounting Type Surface Mount Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Rds On (Max) @ Id, Vgs	185 mOhm @ 2.4A, 10V
Supplier Device Package SOT-223 Package / Case TO-261-4, TO-261AA	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-261-4, TO-261AA	Mounting Type	Surface Mount
	Supplier Device Package	SOT-223
Report errors?	Package / Case	TO-261-4, TO-261AA
		Report errors?

#### NTF2955PT1G 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.

# NTF2955PT1G Payment Methods



















## NTF2955PT1G Shipping Methods













If you have any question about NTF2955PT1G, please do not hesitate to contact us!

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