



## SUB75P03-07-E3 Information



For Reference Only

Part Number SUB75P03-07-E3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET P-CH 30V 75A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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# SUB75P03-07-E3 Specifications

Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)           Package / Case         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Manufacturer Part Number	SUB75P03-07-E3
Package         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)           Package / Case         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Manufacturer	Vishay Siliconix
Package         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB           Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)           Package / Case         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Category	Discrete Semiconductor Products
Series         -           FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)           Package / Case         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		Transistors - FETs, MOSFETs - Single
FET Type         P-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         75A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         4.5V, 10V           Vgs(th) (Max) @ Id         3V @ 250μA           Gate Charge (Qg) (Max) @ Vgs         240nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         9000pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         3.75W (Ta), 187W (Tc)           Rds On (Max) @ Id, Vgs         7 mOhm @ 30A, 10V           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         TO-263 (D2Pak)           Package / Case         TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Technology Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 75A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds 9000pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 187W (Tc) Rds On (Max) @ Id, Vgs 7 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case  Mounting Type (Surface Mount) TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Series	-
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  75A (Tc)  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  TO-263 (D2Pak)  75A (Tc)	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  7 mOhm @ 30A, 10V  Operating Temperature  Surplier Device Package  TO-263 (D2Pak)  Package / Case  75A (Tc)  75A (T	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  1nput Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  7 mOhm @ 30A, 10V  Operating Temperature  Surpface Mount  Supplier Device Package  Package / Case  4.5V, 10V  3V @ 250μA  240nC @ 10V  9000pF @ 25V  ±20V  FET Feature  -  Nonder Dissipation (Max)  Surface Mount  To-263 (D2Pak)  To-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id       3V @ 250μA         Gate Charge (Qg) (Max) @ Vgs       240nC @ 10V         Input Capacitance (Ciss) (Max) @ Vds       9000pF @ 25V         Vgs (Max)       ±20V         FET Feature       -         Power Dissipation (Max)       3.75W (Ta), 187W (Tc)         Rds On (Max) @ Id, Vgs       7 mOhm @ 30A, 10V         Operating Temperature       -55°C ~ 175°C (TJ)         Mounting Type       Surface Mount         Supplier Device Package       TO-263 (D2Pak)         Package / Case       TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	75A (Tc)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  9000pF @ 25V  Vgs (Max)  ±20V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  7 mOhm @ 30A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  TO-263 (D2Pak)  Package / Case  240nC @ 10V  9000pF @ 25V  ±20V  FET Feature  -7000  Surface Mount  To-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds  9000pF @ 25V  Vgs (Max)  #20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  7 mOhm @ 30A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  TO-263 (D2Pak)  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 3.75W (Ta), 187W (Tc)  Rds On (Max) @ Id, Vgs 7 mOhm @ 30A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package TO-263 (D2Pak)  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	240nC @ 10V
FET Feature -  Power Dissipation (Max) 3.75W (Ta), 187W (Tc)  Rds On (Max) @ Id, Vgs 7 mOhm @ 30A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package TO-263 (D2Pak)  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	9000pF @ 25V
Power Dissipation (Max)  3.75W (Ta), 187W (Tc)  7 mOhm @ 30A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  TO-263 (D2Pak)  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs7 mOhm @ 30A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-263 (D2Pak)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  TO-263 (D2Pak)  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	3.75W (Ta), 187W (Tc)
Mounting Type Surface Mount  Supplier Device Package TO-263 (D2Pak)  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	7 mOhm @ 30A, 10V
Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Supplier Device Package	TO-263 (D2Pak)
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
		Report errors?

#### SUB75P03-07-E3 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.

## SUB75P03-07-E3 Payment Methods









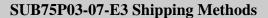
























If you have any question about SUB75P03-07-E3, please do not hesitate to contact us!

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