



## SPP07N60S5 Information



For Reference Only

Part Number SPP07N60S5

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 650V 7.3A TO-220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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# SPP07N60S5 Specifications

Manufacturer Part Number         SPP07N60S5           Manufacturer         Infineon Technologies           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-220-3           Series         CoolMOS?           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         650V           Current - Continuous Drain (Id) @ 25°C         7.3A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5.5V @ 350µA           Gate Charge (Qg) (Max) @ Vgs         35nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         970pF @ 25V           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         83W (Tc)           Rds On (Max) @ Id, Vgs         600 mOhm @ 4.6A, 10V           Operating Temperature         -55°C ~ 150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         PG-TO220-3-1           Package / Case         TO-220-3		
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TechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)650VCurrent - Continuous Drain (Id) @ 25°C7.3A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id5.5V @ 350μAGate Charge (Qg) (Max) @ Vgs35nC @ 10VInput Capacitance (Ciss) (Max) @ Vds970pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)83W (Tc)Rds On (Max) @ Id, Vgs600 mOhm @ 4.6A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackagePG-TO220-3-1Package / CaseTO-220-3	Series	CoolMOS?
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Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  PG-TO220-3-1  Package / Case  TO-220-3	Power Dissipation (Max)	83W (Tc)
Mounting Type Through Hole Supplier Device Package PG-TO220-3-1 Package / Case TO-220-3	Rds On (Max) @ Id, Vgs	600 mOhm @ 4.6A, 10V
Supplier Device Package PG-TO220-3-1 Package / Case TO-220-3	Operating Temperature	-55°C ~ 150°C (TJ)
Package / Case TO-220-3	Mounting Type	Through Hole
	Supplier Device Package	PG-TO220-3-1
Report errors?	Package / Case	TO-220-3
		Report errors?

#### SPP07N60S5 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.

## SPP07N60S5 Payment Methods



















## SPP07N60S5 Shipping Methods













If you have any question about SPP07N60S5, please do not hesitate to contact us!

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