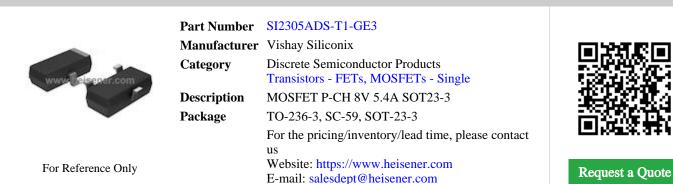


# SI2305ADS-T1-GE3

### SI2305ADS-T1-GE3 Information



### **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.



## SI2305ADS-T1-GE3 Specifications

Manufacturer Part Number	SI2305ADS-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	TrenchFET?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	8V
Current - Continuous Drain (Id) @ 25°C	5.4A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Vgs(th) (Max) @ Id	800mV @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	740pF @ 4V
Vgs (Max)	$\pm 8 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	960mW (Ta), 1.7W (Tc)
Rds On (Max) @ Id, Vgs	40 mOhm @ 4.1A, 4.5V
Operating Temperature	-50°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)
Package / Case	TO-236-3, SC-59, SOT-23-3
	Report errors?

### SI2305ADS-T1-GE3 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.

### SI2305ADS-T1-GE3 Payment Methods





If you have any question about SI2305ADS-T1-GE3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com