

# TPH8R903NL,LQ

# **TPH8R903NL,LQ Information**

www.nelsener.com	TPH8R903NL,LQ Toshiba Semiconductor and Storage Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single MOSFET N CH 30V 20A 8SOP 8-PowerVDFN For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote



# **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.



# **TPH8R903NL,LQ Specifications**

Manufacturer Part Number	TPH8R903NL,LQ
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerVDFN
Series	U-MOSVIII-H
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	20A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	2.3V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	9.8nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	820pF @ 15V
Vgs (Max)	$\pm 20\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	1.6W (Ta), 24W (Tc)
Rds On (Max) @ Id, Vgs	8.9 mOhm @ 10A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SOP Advance (5x5)
Package / Case	8-PowerVDFN
	Report errors?

#### **TPH8R903NL,LQ Guarantees**



Quality Guarantees

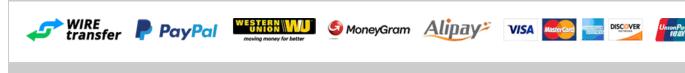
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### **TPH8R903NL,LQ Payment Methods**



## **TPH8R903NL,LQ Shipping Methods**



If you have any question about TPH8R903NL,LQ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com