

**HA1631D03MMEL-E Information**


For Reference Only

**Part Number** [HA1631D03MMEL-E](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC OPAMP DUAL 8TSSOP  
**Package** 8-TSSOP, 8-MSOP (0.110", 2.80mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**HA1631D03MMEL-E Specifications**

Manufacturer Part Number	<a href="#">HA1631D03MMEL-E</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Linear - Comparators</a>
Package	8-TSSOP, 8-MSOP (0.110", 2.80mm Width)
Series	-
Type	General Purpose
Number of Elements	2
Output Type	Open Drain, Push-Pull
Voltage - Supply, Single/Dual (±)	1.8 V ~ 5.5 V
Voltage - Input Offset (Max)	5mV
Current - Input Bias (Max)	1pA
Current - Output (Typ)	14mA
Current - Quiescent (Max)	20µA
CMRR, PSRR (Typ)	80dB CMRR, 80dB PSRR
Propagation Delay (Max)	-
Hysteresis	-
Operating Temperature	-40°C ~ 85°C
Package / Case	8-TSSOP, 8-MSOP (0.110", 2.80mm Width)
Mounting Type	Surface Mount
Supplier Device Package	-

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## HA1631D03MMEL-E 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.

## HA1631D03MMEL-E Payment Methods



## HA1631D03MMEL-E Shipping Methods



If you have any question about HA1631D03MMEL-E, please do not hesitate to contact us!

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