

AS1742G Information


For Reference Only

Part Number [AS1742G](#)
Manufacturer ams
Category Integrated Circuits (ICs)
 Interface - Analog Switches, Multiplexers, Demultiplexers
Description IC SWITCH DUAL SPST (NC) 8-MSOP
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
 For the pricing/inventory/lead time, please contact 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.


AS1742G Specifications

Manufacturer Part Number	AS1742G
Manufacturer	ams
Category	Integrated Circuits (ICs) Interface - Analog Switches, Multiplexers, Demultiplexers
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Series	-
Switch Circuit	SPST - NC
Multiplexer/Demultiplexer Circuit	1:1
Number of Circuits	2
On-State Resistance (Max)	800 mOhm
Channel-to-Channel Matching (Ron)	20 mOhm
Voltage - Supply, Single (V+)	1.6 V ~ 3.6 V
Voltage - Supply, Dual (V±)	-
Switch Time (Ton, Toff) (Max)	22ns, 14ns
-3db Bandwidth	130MHz
Charge Injection	6pC
Channel Capacitance (CS(off), CD(off))	35pF, 35pF
Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-100dB @ 1MHz
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package	8-MSOP

[Report errors?](#)

AS1742G 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.

AS1742G Payment Methods



AS1742G Shipping Methods



If you have any question about AS1742G, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com