

HMA121FR1 Information


For Reference Only

Part Number [HMA121FR1](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
 [Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 3.75KV TRANSISTOR 4SMD
Package 4-SMD, Gull Wing
 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.


HMA121FR1 Specifications

Manufacturer Part Number	HMA121FR1
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Optoisolators - Transistor, Photovoltaic Output
Package	4-SMD, Gull Wing
Series	-
Number of Channels	1
Voltage - Isolation	3750Vrms
Current Transfer Ratio (Min)	100% @ 5mA
Current Transfer Ratio (Max)	600% @ 5mA
Turn On / Turn Off Time (Typ)	-
Rise / Fall Time (Typ)	3μs, 3μs
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	80V
Current - Output / Channel	80mA
Voltage - Forward (Vf) (Typ)	1.3V (Max)
Current - DC Forward (If) (Max)	50mA
Vce Saturation (Max)	400mV
Operating Temperature	-40°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	4-SMD, Gull Wing
Supplier Device Package	4-Mini-Flat

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HMA121FR1 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.

HMA121FR1 Payment Methods



HMA121FR1 Shipping Methods



If you have any question about HMA121FR1, please do not hesitate to contact us!

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