

ESM6045DV Information


For Reference Only

Part Number [ESM6045DV](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN DARL 450V 84A ISOTOP
Package ISOTOP
 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.


ESM6045DV Specifications

Manufacturer Part Number	ESM6045DV
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	ISOTOP
Series	-
Transistor Type	NPN - Darlington
Current - Collector (Ic) (Max)	84A
Voltage - Collector Emitter Breakdown (Max)	450V
Vce Saturation (Max) @ Ib, Ic	1.35V @ 4A, 70A
Current - Collector Cutoff (Max)	-
DC Current Gain (hFE) (Min) @ Ic, Vce	120 @ 70A, 5V
Power - Max	250W
Frequency - Transition	-
Operating Temperature	150°C (TJ)
Mounting Type	Chassis Mount
Package / Case	ISOTOP
Supplier Device Package	ISOTOP?

[Report errors?](#)

ESM6045DV 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.

ESM6045DV Payment Methods



ESM6045DV Shipping Methods



If you have any question about ESM6045DV, please do not hesitate to contact us!

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