

AOD5B65M1 Information


For Reference Only

Part Number [AOD5B65M1](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 650V 5A TO252
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


AOD5B65M1 Specifications

Manufacturer Part Number	AOD5B65M1
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	Alpha IGBT?
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	650V
Current - Collector (Ic) (Max)	10A
Current - Collector Pulsed (Icm)	15A
Vce(on) (Max) @ Vge, Ic	1.98V @ 15V, 5A
Power - Max	69W
Switching Energy	80μJ (on), 70μJ (off)
Input Type	Standard
Gate Charge	14nC
Td (on/off) @ 25°C	8.5ns/106ns
Test Condition	400V, 5A, 60 Ohm, 15V
Reverse Recovery Time (trr)	195ns
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	TO-252
Report errors?	

AOD5B65M1 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.

AOD5B65M1 Payment Methods



AOD5B65M1 Shipping Methods



If you have any question about AOD5B65M1, please do not hesitate to contact us!

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