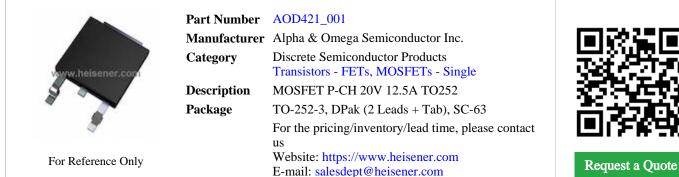


AOD421_001

AOD421_001 Information



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.



AOD421_001 Specifications

| Manufacturer Part Number | AOD421_001 |
|--|---------------------------------------|
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | - |
| FET Type | P-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 20V |
| Current - Continuous Drain (Id) @ 25°C | 12.5A (Ta) |
| Drive Voltage (Max Rds On, Min Rds On) | 2.5V, 4.5V |
| Vgs(th) (Max) @ Id | 1.4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 4.6nC @ 4.5V |
| Input Capacitance (Ciss) (Max) @ Vds | 620pF @ 10V |
| Vgs (Max) | ±12V |
| FET Feature | - |
| Power Dissipation (Max) | 2W (Ta), 18.8W (Tc) |
| Rds On (Max) @ Id, Vgs | 75 mOhm @ 12.5A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | TO-252, (D-Pak) |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| | Report errors? |

AOD421_001 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

If you have any question about AOD421_001, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com