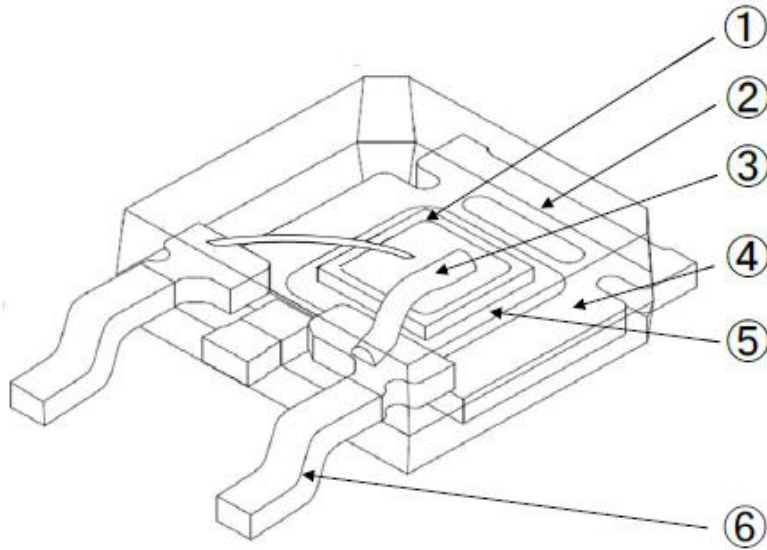


| | | | | | |
|---------|------|---------|---------------|--------|---|
| Product | IGBT | Package | TO-252 Single | Detail | - |
|---------|------|---------|---------------|--------|---|



A direction of wire bonding and die bonding, a shape of frame, die size and the number of wires differ by P/N.

| No. | ITEM | MATERIAL |
|-----|------------------|--|
| 1 | Die | Silicon |
| 2 | Mold Resin | Flame-retardant Epoxy Resin (UL:94V-0) |
| 3 | Bonding Wire | Aluminum wire |
| 4 | Lead Frame | Base material: Copper Alloy Surface treatment: Ni(Partical plating) |
| 5 | Die attach | Die Bonding : Sn-Ag-Pb Solder with high melting point (Not Subject to RoHS) |
| 6 | External Plating | Element of solder: Sn 100% Solder Thickness of solder plating: 9μm |

Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.
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- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
- 9) Do not use our Products in applications requiring extremely high reliability, such as aerospace equipment, nuclear power control systems, and submarine repeaters.
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