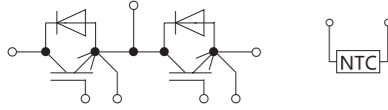
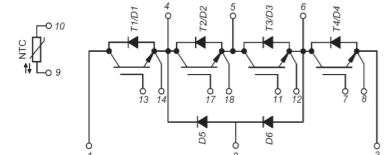
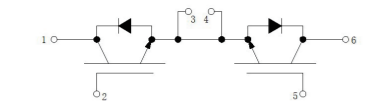
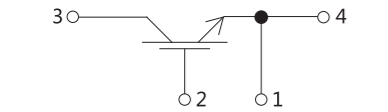
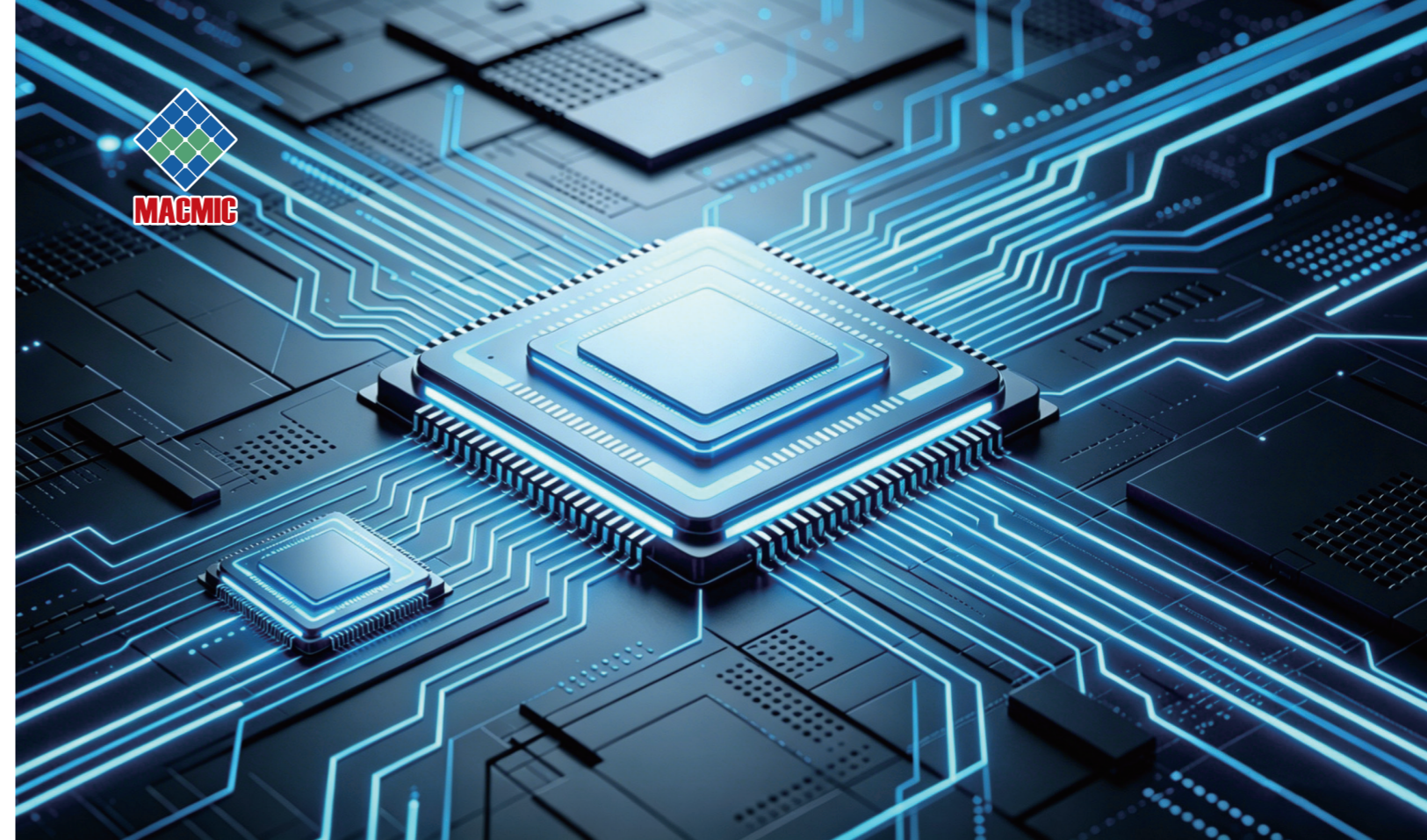


• • • IGBT Modules • • •

| Circuit  | Part Number       | VRRM (V) | IF(AV) (A) | Package Outline |
|--|-------------------|----------|------------|-----------------|
|  <p>B</p>     | MMG300D120B6TC    | 1200     | 300        | GD              |
|  | MMG400D120B6TC    | 1200     | 400        | GD              |
|  | MMG450D120B6TC    | 1200     | 450        | GD              |
|  <p>PD</p>    | MMG300WB120B6TC   | 1200     | 300        | GWB             |
|  | MMG450WQ120PD6T7  | 1200     | 450        | GWQ             |
|  | MMG450WQ120PD6T7H | 1200     | 450        | GWQ             |
|  <p>URB</p> | MMG300D170B6TC    | 1700     | 300        | GD              |
|  | MMG300WB170B6TC   | 1700     | 300        | GWB             |
|  | MMG450WB170B6TC   | 1700     | 450        | GWB             |
|  <p>UZ</p>  | MMG600WB170B6T6   | 1700     | 600        | GWB             |
|  | MMG800QE170URB6T6 | 1700     | 800        | GQE             |
|  | MMG800QF170URC6T6 | 1700     | 800        | GQF             |



# Emerging Industry Applications

## Version 2026

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Website



WeChat

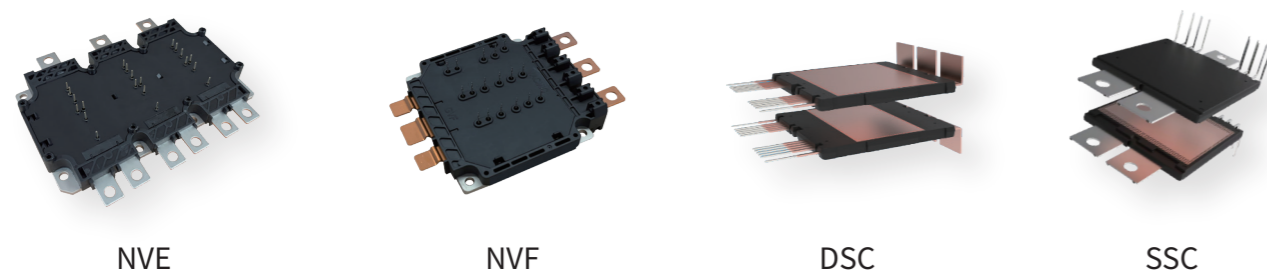


## Humanoid Robots

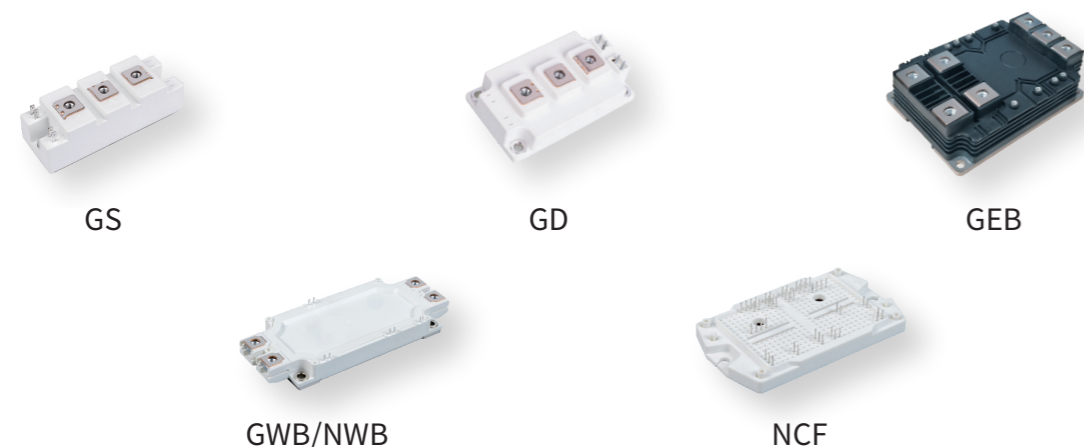


|               | Technology | Configuration | Package        | VDS max (V) | RDS(on) typ (mΩ) | RDS(on) max (mΩ) | Qoss (nC) | ID max (A) | ID pulse max |
|---------------|------------|---------------|----------------|-------------|------------------|------------------|-----------|------------|--------------|
| ASL010HG10WB  | Gen 1      | Single        | WLCSP 4.15X6.8 | 100         | 8.0              | 10.0             | 48        | 16         | 130          |
| ASL007HG10WB  | Gen 1      | Single        | WLCSP 2.5X1.5  | 100         | 5.5              | 7.0              | 25        | 19         | 137          |
| ASL004H2G10WB | Gen 2      | Single        | WLCSP 2.5X1.5  | 100         | 3.1              | 4.0              | 27        | 29         | 165          |
| ASL007H2G10QX | Gen 2      | Single        | QFN 5X3        | 100         | 1.7              | 2.3              | 71        | 58         | 453          |

## Low-altitude Economy

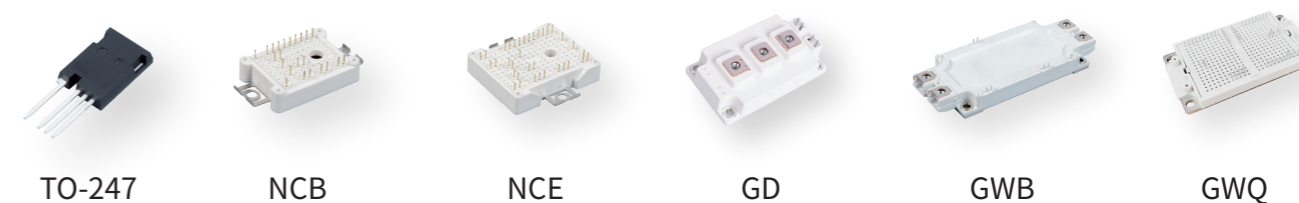


## Controlled Nuclear Fusion



## AIDC Power Supply

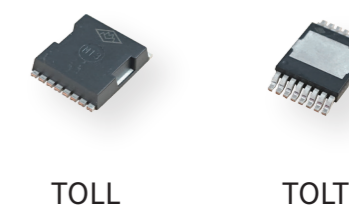
### • • • UPS/SST/HVDC • • •



### • • • SSCB • • •



### • • • PSU • • •



### • • • SiC Power Devices • • •

| Circuit | Part Number        | V <sub>DSS</sub> (V) | R <sub>DS(ON)</sub> (mΩ) | Package Outline |
|---------|--------------------|----------------------|--------------------------|-----------------|
|         | MMN4CE120BA4P6BS   | 1200                 | 4                        | NCE             |
|         | MMN07D170BC3P6BS_F | 1700                 | 7                        | ND              |
|         | MML13N3S120BK      | 1200                 | 13                       | TO-247-4L       |

### • • • GAN HEMT • • •

| Circuit | Part Number  | V <sub>DSS</sub> (V) | R <sub>DS(ON)</sub> (mΩ) | Package Outline |
|---------|--------------|----------------------|--------------------------|-----------------|
|         | ASL025HG65TL | 650                  | 25                       | TOLL            |
|         | ASL030HG65TL | 650                  | 30                       | TOLL            |
|         | ASL050HG65TL | 650                  | 50                       | TOLL            |