

## IGBT单管 IGBT Discretes:Insulated Gate Bipolar Transistor

| Part No.            | Bv <sub>cess</sub> V Min. | I <sub>c</sub> (A)<br>@100°C | Diode I <sub>r</sub> (A)<br>@100°C | T <sub>sc</sub> (us) | V <sub>cesat</sub> (V)<br>typ. | V <sub>ce</sub> (V)<br>typ. | Package                         |
|---------------------|---------------------------|------------------------------|------------------------------------|----------------------|--------------------------------|-----------------------------|---------------------------------|
| GKD06N65            | 650V                      | 6A                           | 6A                                 | 10us                 | 1.76V                          | 1.9V                        | TO-252                          |
| GK(F/B/P/U)20N65EH3 | 650V                      | 20A                          | 20A                                | 5us                  | 1.95V                          | 1.9V                        | TO220AB/TO263/<br>TO220AB/TO247 |
| GKU40N65DH3         | 650V                      | 40A                          | 20A                                | /                    | 1.8V                           | 1.9V                        | TO247                           |
| GKU40N65EH3         | 650V                      | 40A                          | 40A                                | /                    | 1.8V                           | 1.8V                        | TO247                           |
| GKU50N65DH3         | 650V                      | 50A                          | 40A                                | 5us                  | 1.8V                           | 1.7V                        | TO247                           |
| (T)GKU50N65ET       | 650V                      | 50A                          | 50A                                | 5us                  | 1.8V                           | 1.6V                        | TO247                           |
| GKU60N65DH5         | 650V                      | 60A                          | 40A                                | /                    | 1.75V                          | 1.9V                        | TO247                           |
| GKU60N65EH5         | 650V                      | 60A                          | 60A                                | /                    | 1.75V                          | 1.65V                       | TO247                           |
| GKU75N65EH5         | 650V                      | 75A                          | 75A                                | 5us                  | 1.75V                          | 1.65V                       | TO247                           |
| GKU100N65DH5        | 650V                      | 100A                         | 75A                                | 5us                  | 1.9V                           | 1.9V                        | TO247                           |
| GKU10N120T2         | 1200V                     | 10A                          | 10A                                | 10us                 | 1.6V                           | 2.3V                        | TO247                           |
| GKU15N120ET2        | 1200V                     | 15A                          | 15A                                | 10us                 | 1.7V                           | 2.7V                        | TO247                           |
| GKU25N120ET2        | 1200V                     | 25A                          | 25A                                | 10us                 | 1.7V                           | 2.2V                        | TO247                           |
| (T)GKU40N120NH3     | 1200V                     | 40A                          | 40A                                | 10us                 | 1.8V                           | 3.5V                        | TO247                           |
| (T)GKU40N120ET2     | 1200V                     | 40A                          | 40A                                | 10us                 | 1.8V                           | 1.9V                        | TO247                           |
| (T)GKU40N120DT2     | 1200V                     | 40A                          | 20A                                | 10us                 | 1.75V                          | 2.5V                        | TO247                           |
| GKU50N120CH3        | 1200V                     | 50A                          | 50A                                | 8us                  | 1.65V                          | 2.8V                        | TO247                           |

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绝缘栅双极型晶体管  
Insulated Gate Bipolar Transistors

## IGBT模块 IGBT Modules:Insulated Gate Bipolar Transistor

| Part No.         | BV   | IC(A)<br>@100°C | Configuration | Package |
|------------------|------|-----------------|---------------|---------|
| GM40HF120S2F2A   | 1200 | 40              | 2-pack        | S2      |
| GM50HF120S2F2A   | 1200 | 50              | 2-pack        | S2      |
| GM75HF120S2F2A   | 1200 | 75              | 2-pack        | S2      |
| GM100HF120S2F1A  | 1200 | 100             | 2-pack        | S2      |
| GM100HF120S2F1B  | 1200 | 100             | 2-pack        | S2      |
| GM400HF65S4T1A   | 650  | 400             | 2-pack        | S4      |
| GM200HF120S4F1A  | 1200 | 200             | 2-pack        | S4      |
| GM150HF120S4F2   | 1200 | 150             | 2-pack        | S4      |
| GM10PJ120E1T3A   | 1200 | 10              | PIM           | E1      |
| GM15PJ120E1T3A   | 1200 | 15              | PIM           | E1      |
| GM25PJ120E2T3A   | 1200 | 25              | PIM           | E2      |
| GM35PJ120E2T3A   | 1200 | 35              | PIM           | E2      |
| GM40PI120C1T3A   | 1200 | 40              | PIM           | C1      |
| GM40FFB120C1T1   | 1200 | 40              | PIM           | C1      |
| GM50PI120C1T3A   | 1200 | 50              | PIM           | C1      |
| GM50FFB120C1T1H  | 1200 | 50              | PIM           | C1      |
| GM400HF65C3T1    | 650  | 400             | 2-pack        | C3      |
| GM600HF65C3T1    | 650  | 600             | 2-pack        | C3      |
| GM200SG65S1T1    | 650  | 200             | 1-pack        | S1      |
| GM100PI120C2T1X  | 1200 | 100             | PIM           | C2      |
| GM150FFB120C2T1M | 1200 | 150             | 6-pack        | C2      |
| GM300HF120S4T1M  | 1200 | 300             | 2-pack        | S4      |
| GM400HF120S4T1M  | 1200 | 400             | 2-pack        | S4      |
| GM450HF120C3T1M  | 1200 | 450             | 2-pack        | C3      |
| GM600HF120C3T1M  | 1200 | 600             | 2-pack        | C3      |

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