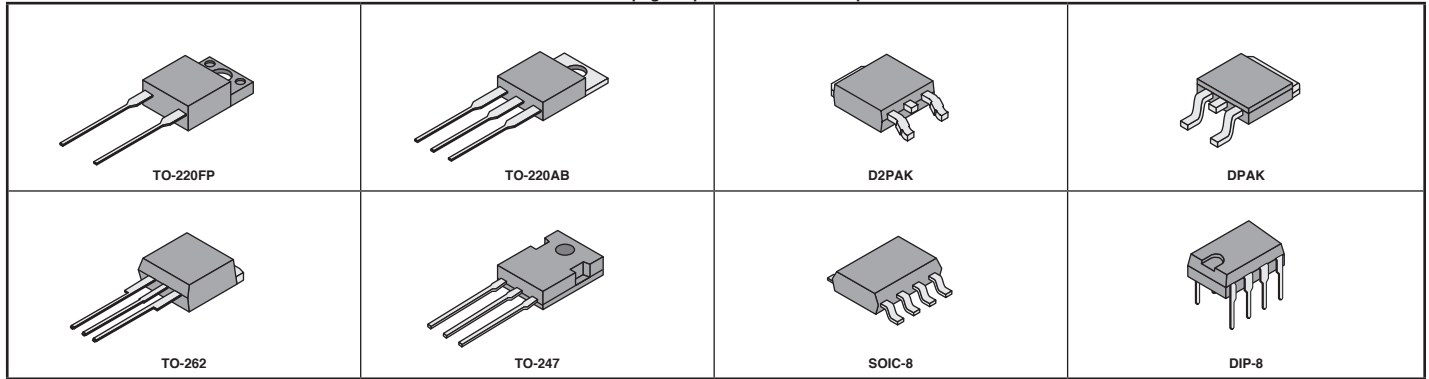


# INTERNATIONAL RECTIFIER IGBT Transistors

International  
Rectifier

RoHS Compliant This page of product is RoHS compliant.



## IGBT TRANSISTORS

◆ Surface Mount

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.      | International Rectifier Part No. | Package     | Collector- Emitter Voltage Max (V) | Collector-Emitter Saturation Voltage Max. (V) | Continuous Collector Current @25°C | Power Dissipation Max. (W) | Price Each |    |     |      |
|-----------------------|----------------------------------|-------------|------------------------------------|---|------------------------------------|----------------------------|------------|----|-----|------|
|                       |                                  |             |                                    |   |                                    |                            | 1          | 10 | 100 | 1000 |
| 942-IRGB14C40LPBF     | IRGB14C40LPBF                    | TO-220AB    | 430                                | 1.4   | 20                                 | 125                        |            |    |     |      |
| 942-IRG4BC30SPBF      | IRG4BC30SPBF                     | TO-220FP    | 600                                | 1.6   | 23.5                               | 45                         |            |    |     |      |
| ◆ 942-IRG4RC10SDTRPBF | IRG4RC10SDTRPBF                  | DPAK        | 600                                | 1.7   | 14                                 | 38                         |            |    |     |      |
| 942-IRG4BC40FPBF      | IRG4BC40FPBF                     | TO-220AB    | 600                                | 1.7   | 49                                 | 160                        |            |    |     |      |
| ◆ 942-IRGS6B60KTRLPBF | IRGS6B60KTRLPBF                  | DPAK        | 600                                | 1.8   | 7                                  | 90                         |            |    |     |      |
| 942-IRG4BC30FD1PBF    | IRG4BC30FD1PBF                   | TO-220AB    | 600                                | 1.8   | 31                                 | 100                        |            |    |     |      |
| 942-IRG4BC30FDPBF     | IRG4BC30FDPBF                    | TO-220AB    | 600                                | 1.8   | 31                                 | 100                        |            |    |     |      |
| 942-IRGB4060DPBF      | IRGB4060DPBF                     | TO-220AB    | 600                                | 1.85  | 16                                 | 99                         |            |    |     |      |
| 942-IRGP4640D-EPBF    | IRGP4640D-EPBF                   | TO-247      | 600                                | 1.9   | 40                                 | 125                        |            |    |     |      |
| 942-IRGP4640DPBF      | IRGP4640DPBF                     | TO-247      | 600                                | 1.9   | 40                                 | 125                        |            |    |     |      |
| 942-IRGP4650D-EPBF    | IRGP4650D-EPBF                   | TO-247      | 600                                | 1.9   | 50                                 | 134                        |            |    |     |      |
| 942-IRGP4650DPBF      | IRGP4650DPBF                     | TO-247      | 600                                | 1.9   | 50                                 | 134                        |            |    |     |      |
| 942-IRGP4660D-EPBF    | IRGP4660D-EPBF                   | TO-247      | 600                                | 1.9   | 50                                 | 134                        |            |    |     |      |
| 942-IRGP4660DPBF      | IRGP4660DPBF                     | TO-247      | 600                                | 1.9   | 50                                 | 134                        |            |    |     |      |
| ◆ 942-IRGR4045DPBF    | IRGR4045DPBF                     | DPAK        | 600                                | 2   | 6                                  | 39                         |            |    |     |      |
| ◆ 942-IRGS4045DPBF    | IRGS4045DPBF                     | D2PAK       | 600                                | 2   | 6                                  | 39                         |            |    |     |      |
| 942-IRGB4045DPBF      | IRGB4045DPBF                     | TO-220AB    | 600                                | 2   | 12                                 | 77                         |            |    |     |      |
| 942-IRGB6B60KDPBF     | IRGB6B60KDPBF                    | TO-220AB    | 600                                | 2   | 13                                 | 90                         |            |    |     |      |
| ◆ 942-IRGS6B60KDTRLP  | IRGS6B60KDTRLP                   | DPAK        | 600                                | 2   | 13                                 | 90                         |            |    |     |      |
| 942-IRGSL6B60KDPBF    | IRGSL6B60KDPBF                   | TO-262      | 600                                | 2   | 13                                 | 90                         |            |    |     |      |
| 942-IRGB4059DPBF      | IRGB4059DPBF                     | TO-220AB    | 600                                | 2.05  | 8                                  | 56                         |            |    |     |      |
| 942-IRG4BC20UDPBF     | IRG4BC20UDPBF                    | TO-220FP    | 600                                | 2.1   | 11.4                               | 34                         |            |    |     |      |
| ◆ 942-IRG4BC20UDSTRRP | IRG4BC20UDSTRRP                  | D2PAK       | 600                                | 2.1   | 13                                 | 60                         |            |    |     |      |
| ◆ 942-IRG4BC30FDSTRRP | IRG4BC30FDSTRRP                  | D2PAK       | 600                                | 2.1   | 13                                 | 60                         |            |    |     |      |
| ◆ 942-IRG4RC20FTRPBF  | IRG4RC20FTRPBF                   | DPAK        | 600                                | 2.1   | 22                                 | 66                         |            |    |     |      |
| ◆ 942-IRG4BC30W-STRLP | IRG4BC30W-STRLP                  | D2PAK       | 600                                | 2.1   | 23                                 | 100                        |            |    |     |      |
| 942-IRG4BC40UPBF      | IRG4BC40UPBF                     | TO-220AB    | 600                                | 2.1   | 40                                 | 160                        |            |    |     |      |
| 942-IRGIB6B60KDPBF    | IRGIB6B60KDPBF                   | TO-220FP    | 600                                | 2.2   | 9                                  | 32                         |            |    |     |      |
| ◆ 942-IRGS10B60KDTRLP | IRGS10B60KDTRLP                  | DPAK        | 600                                | 2.2   | 22                                 | 104                        |            |    |     |      |
| 942-IRGS8B60KTRLPBF   | IRGS8B60KTRLPBF                  | DPAK        | 600                                | 2.2   | 28                                 | 167                        |            |    |     |      |
| ◆ 942-IRGS15B60KDTRRP | IRGS15B60KDTRRP                  | DPAK        | 600                                | 2.2   | 31                                 | 139                        |            |    |     |      |
| ◆ 942-IRGS30B60KTRRP  | IRGS30B60KTRRP                   | DPAK        | 600                                | 2.35  | 78                                 | 370                        |            |    |     |      |
| ◆ 942-IRG4BC15UDSTRLP | IRG4BC15UDSTRLP                  | D2PAK       | 600                                | 2.4   | 14                                 | 49                         |            |    |     |      |
| ◆ 942-IRGS4B60KD1TRLP | IRGS4B60KD1TRLP                  | DPAK        | 600                                | 2.5   | 12                                 | 63                         |            |    |     |      |
| 942-IRG4BC40WPBF      | IRG4BC40WPBF                     | TO-220AB    | 600                                | 2.5   | 40                                 | 160                        |            |    |     |      |
| ◆ 942-IRG4BC40W-STRRP | IRG4BC40W-STRRP                  | D2PAK       | 600                                | 2.5   | 40                                 | 160                        |            |    |     |      |
| ◆ 942-IRG4RC10UDTRLP  | IRG4RC10UDTRLP                   | DPAK        | 600                                | 2.6   | 8.5                                | 38                         |            |    |     |      |
| ◆ 942-IRG4RC10UTRPBF  | IRG4RC10UTRPBF                   | DPAK        | 600                                | 2.6   | 8.5                                | 38                         |            |    |     |      |
| ◆ 942-IRG4RC10KDTRPBF | IRG4RC10KDTRPBF                  | D2PAK       | 600                                | 2.62  | 9                                  | 38                         |            |    |     |      |
| 942-IRG4BC30WPBF      | IRG4BC30WPBF                     | TO-220FP    | 600                                | 2.7   | 17                                 | 45                         |            |    |     |      |
| 942-IRG4BC30KDPBF     | IRG4BC30KDPBF                    | TO-220AB    | 600                                | 2.7   | 28                                 | 100                        |            |    |     |      |
| ◆ 942-IRG4BC30KDSTRLP | IRG4BC30KDSTRLP                  | D2PAK       | 600                                | 2.7   | 28                                 | 100                        |            |    |     |      |
| 942-IRG4BC20KDPBF     | IRG4BC20KDPBF                    | TO-220FP    | 600                                | 2.8   | 11.5                               | 34                         |            |    |     |      |
| ◆ 942-IRG4BC20KDSTRLP | IRG4BC20KDSTRLP                  | D2PAK       | 600                                | 2.8   | 16                                 | 60                         |            |    |     |      |
| 942-AUIRGDC0250       | AUIRGDC0250                      | SuperTO-220 | 1200                               | 1.57  | 141                                | 543                        |            |    |     |      |

## TRANSISTORS OUTPUT OPTOCOUPLEDERS

◆ Surface Mount

For quantities greater than listed, call for quote.

| MOUSER STOCK NO.     | International Rectifier Part No. | Package | Collector Current Max. (mA) | No. of Outputs | Output Voltage (V) | Short Circuit Current (µA) | Price Each |    |     |      |
|----------------------|----------------------------------|---------|-----------------------------|----------------|--------------------|----------------------------|------------|----|-----|------|
|                      |                                  |         |                             |                |                    |                            | 1          | 10 | 100 | 1000 |
| ◆ 942-PV11050NS-TPBF | PV11050NS-TPBF                   | SOIC-8  | 2                           | 1              | 8                  | 5                          |            |    |     |      |
| 942-PV15080NPBF      | PV15080NPBF                      | DIP-8   | 10                          | 1              | 5                  | 8                          |            |    |     |      |
| ◆ 942-PV15080NSPBF   | PV15080NSPBF                     | SOIC-8  | 10                          | 1              | 5                  | 8                          |            |    |     |      |
| 942-PV15013RS-TPBF   | PV15013RS-TPBF                   | SOIC-8  | 5                           | 2              | 3                  | 8                          |            |    |     |      |
| ◆ 942-PV15033RS-TPBF | PV15033RS-TPBF                   | SOIC-8  | 5                           | 2              | 5                  | 5                          |            |    |     |      |