

# MOSFET 600V 200A IGBT

Número de parte: GT30J127



## Descripción:

IGBT PARA APLICACIONES DE PANTALLAS DE TELEVISION DE PLASMA TO-220

Voltaje: 600V

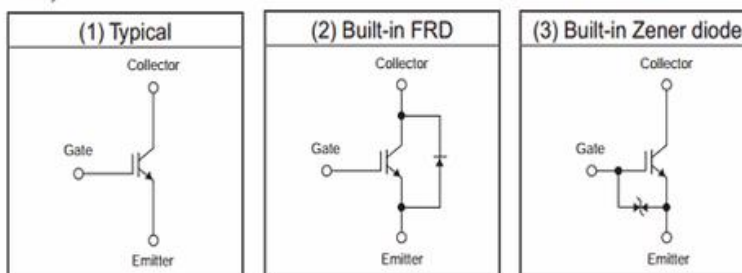
Corriente: 200A

## IGBTs

IGBTs  
(Discrete IGBTs)

| Part Number | Applications | Features   | Absolute Maximum Ratings (Ta = 25°C) |           |               |                  |                  | Package        |                         |
|-------------|--------------|--|--------------------------------------|-----------|---------------|------------------|------------------|----------------|-------------------------|
|             |              |  | VCES<br>(V)                          | Ic        |               | Pc               |                  | Type           |                         |
|             |              |  |                                      | DC<br>(A) | Pulsed<br>(A) | Ta =<br>25°C (W) | Tc =<br>25°C (W) |                |                         |
| GT30F124    | PDP-TV       | PDP sustain, energy recovery and separation circuits | 300                                  | —         | 200           | —                | 25               | TO-220SIS      | Isolation, Through-hole |
| GT30F126 *  |              |  | 330                                  | —         | 200           | —                | 18               | TO-220SIS      | Isolation, Through-hole |
| GT30F131    |              |  | —                                    | 200       | —             | 140              | TO-220SM (MXN)   | SMD            |                         |
| GT30F132 *  |              |  | 360                                  | —         | 250           | —                | 140              | TO-220SM (MXN) | SMD                     |
| GT45F132 *  |              |  | —                                    | 200       | —             | 140              | TO-220SM (MXN)   | SMD            |                         |
| GT30G124    |              |  | 430                                  | —         | 200           | —                | 25               | TO-220SIS      | Isolation, Through-hole |
| GT30J127 *  |              |  | 600                                  | —         | 200           | —                | 25               | TO-220SIS      | Isolation, Through-hole |

Note)



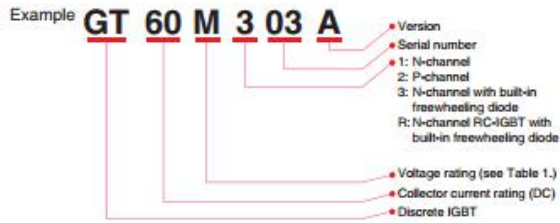


Table 1

| Letter | Voltage (V) | Letter | Voltage (V) | Letter | Voltage (V) |
|--------|-------------|--------|-------------|--------|-------------|
| C      | 150         | J      | 600         | Q      | 1200        |
| D      | 200         | K      | 700         | R      | 1300        |
| E      | 250         | L      | 800         | S      | 1400        |
| F      | 300         | M      | 900         | T      | 1500        |
| G      | 400         | N      | 1000        | U      | 1600        |
| H      | 500         | P      | 1100        | V      | 1700        |



| Applications and Features | Breakdown Voltage Vces (V) @Ta = 25°C | IGBT Current Rating Ic (A) @Ta = 25°C |       | TSON-8 | SOP-8 | TO-220SIS                                    | TO-220SM(MXN) |
|---------------------------|---------------------------------------|---------------------------------------|-------|--------|-------|--|---------------|
|                           |                                       | DC                                    | Pulse |        |       |  |               |
| Plasma display panels     | 300                                   |                                       | 200   |        |       | GT30F124<br>GT45F127                         |               |
|                           | 330                                   |                                       | 200   |        |       | GT30F125<br>GT45F128                         |               |
|                           | 360                                   |                                       | 200   |        |       |  | GT30F131      |
|                           | 430                                   |                                       | 200   |        |       | GT30G124<br>GT30G125<br>GT45G127<br>GT45G128 |               |
|                           | 600                                   |                                       | 200   |        |       | GT30J124                                     |               |

|   |   |   |            |
|---|---|---|------------|
| <br><b>AG</b><br><i>Electrónica S.A. de C.V.</i> | <b>AG Electrónica S.A. de C.V.</b><br>República del Salvador N° 20 Segundo Piso |   |            |
|   | <b>Acotación:</b><br>NA   | <a href="http://www.agelectronica.com/">http://www.agelectronica.com/</a> | Esca<br>NA |
| <b>Tolerancia:</b><br>NA  | <b>MOSFET 600V 200A IGBT</b>  |   |            |
| <b>Tolerancia:</b><br>NA  | <b>Fecha:</b><br>13/03/2017   | <b>Número de parte:</b> GT30J127  |            |