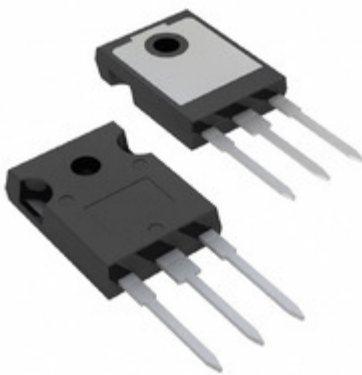


|                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> | <div><div>IRG7PH37K10DPBF</div><div><div>Manufacturer Part Number:</div><div>IRG7PH37K10DPBF</div></div><div><div>Manufacturer/Brand:</div><div>International Rectifier (Infineon Technologies)</div></div><div><div>Part of Description:</div><div>IGBT 1200V 45A 216W TO247AC</div></div><div><div>Datasheets:</div><div><div> IRG7PH37K10DPBF.pdf</div></div></div><div><div>RoHs Status:</div><div><div> Lead free / RoHS</div></div></div><div><div>Stock Condition:</div><div>Compliant<br/>New original, 484 pcs Stock Available.</div></div><div><div>Ship From:</div><div>Hong Kong</div></div><div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div></div> |
| <div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <div>Image may be representation.<br/>See specs for product details.</div>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Specifications                              |                                                         |
|---------------------------------------------|---------------------------------------------------------|
| Part Number                                 | IRG7PH37K10DPBF                                         |
| Manufacturer                                | International Rectifier (Infineon Technologies)         |
| Description                                 | IGBT 1200V 45A 216W TO247AC                             |
| Category                                    | Discrete Semiconductor Products > Transistors - IGBTs - |
| Part Status                                 | 484 pcs Stock                                           |
| Voltage - Collector Emitter Breakdown (Max) | 1200V                                                   |
| Vce(on) (Max) @ Vge, Ic                     | 2.4V @ 15V, 15A                                         |
| Test Condition                              | 600V, 15A, 10 Ohm, 15V                                  |
| Td (on/off) @ 25°C                          | 50ns/240ns                                              |
| Switching Energy                            | 1mJ (on), 600μJ (off)                                   |
| Supplier Device Package                     | TO-247AC                                                |
| Series                                      | -                                                       |
| Reverse Recovery Time (trr)                 | 120ns                                                   |
| Power - Max                                 | 216W                                                    |
| Packaging                                   | Tube                                                    |
| Package / Case                              | TO-247-3                                                |
| Operating Temperature                       | -40°C ~ 150°C (TJ)                                      |
| Mounting Type                               | Through Hole                                            |
| Input Type                                  | Standard                                                |
| IGBT Type                                   | -                                                       |
| Gate Charge                                 | 135nC                                                   |
| Current - Collector Pulsed (Icm)            | 60A                                                     |
| Current - Collector (Ic) (Max)              | 45A                                                     |
|                                             |                                                         |
|                                             |                                                         |

You May Be Also Be interested

|                                                                                                                                                                                                                        |                                                                                                                                                                                                         |                                                                                                                                                                                                           |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><div>IRG7PH42U-EP</div><div>Infineon Technologies</div><div>IGBT 1200V 90A 385W TO247AD</div></div> | <div></div> <div><div>IRG7PH42UD-EP MOS</div><div>IR</div><div>IR TO-247</div></div>                                 | <div></div> <div><div>IRG7PH35UDPBF</div><div>Infineon Technologies</div><div>IGBT 1200V 50A 180W TO247AC</div></div> | <div></div> <div><div>IRG7PH42UD</div><div>IR</div><div>IRG7PH42UD IR</div></div>                                    |
| <div></div> <div><div>IRG7PH37K10D-EPBPF</div><div>Infineon Technologies</div><div>IGBT 1200V 45A 216W TO247AD</div></div>          | <div></div> <div><div>IRG7PH35UPBF</div><div>Infineon Technologies</div><div>IGBT 1200V 55A 210W TO247AC</div></div> | <div></div> <div><div>IRG7PH42U</div><div>IR</div><div>IRG7PH42U IR</div></div>                                       | <div></div> <div><div>IRG7PH35UD1PBF</div><div>Infineon Technologies</div><div>IGBT 1200V 50A 179W TO247</div></div> |

| IRG7PH37K10DPBF Related keyword                                 |                              |                             |                       |                                                                 | More |
|-----------------------------------------------------------------|------------------------------|-----------------------------|-----------------------|-----------------------------------------------------------------|------|
| IRG7PH37K10DPBF International Rectifier (Infineon Technologies) | IRG7PH37K10DPBF Data Sheet   | IRG7PH37K10DPBF Datasheets  | IRG7PH37K10DPBF PDF   | International Rectifier (Infineon Technologies) IRG7PH37K10DPBF |      |
| IRG7PH37K10DPBF Electronic                                      | IRG7PH37K10DPBF Components   | IRG7PH37K10DPBF Distributor | IRG7PH37K10DPBF Image | IRG7PH37K10DPBF Part                                            |      |
| IRG7PH37K10DPBF Price                                           | IRG7PH37K10DPBF Manufacturer | IRG7PH37K10DPBF Picture     | IRG7PH37K10DPBF Stock | IRG7PH37K10DPBF Inventory                                       |      |
| IRG7PH37K10DPBF New                                             | IRG7PH37K10DPBF Original     | IRG7PH37K10DPBF Warranted   | IRG7PH37K10DPBF RFQ   | IRG7PH37K10DPBF Order Online                                    |      |