## 1ED020I12BTXUMA1 Information



For Reference Only

Part Number 1ED020I12BTXUMA1
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
PMIC - Gate Drivers
Description IC IGBT DVR 1200V 2A DSO16
Package $\quad 16$-SOIC ( $0.295^{\prime \prime}, 7.50 \mathrm{~mm}$ Width)
For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com


Request a Quote

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


## 1ED020I12BTXUMA1 Specifications

| Manufacturer Part Number | 1ED020I12BTXUMA1 |
| :--- | :--- |
| Manufacturer | Infineon Technologies |
| Category | Integrated Circuits (ICs) |
|  | PMIC - Gate Drivers |
| Package | $16-$ SOIC $(0.295 ", 7.50 \mathrm{~mm}$ Width) |
| Series | EiceDriver? |
| Driven Configuration | High-Side or Low-Side |
| Channel Type | Single |
| Number of Drivers | 1 |
| Gate Type | IGBT |
| Voltage - Supply | $4.5 \mathrm{~V} \sim 5.5 \mathrm{~V}$ |
| Logic Voltage - VIL, VIH | $1.5 \mathrm{~V}, 3.5 \mathrm{~V}$ |
| Current - Peak Output (Source, Sink) | $2 \mathrm{~A}, 2 \mathrm{~A}$ |
| Input Type | Inverting, Non-Inverting |
| High Side Voltage - Max (Bootstrap) | 1200 V |
| Rise / Fall Time (Typ) | $30 \mathrm{~ns}, 20 \mathrm{~ns}$ |
| Operating Temperature | $-40^{\circ} \mathrm{C} \sim 150^{\circ} \mathrm{C}$ (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | $16-$ SOIC $(0.295 ", 7.50 \mathrm{~mm}$ Width) |
| Supplier Device Package | PG-DSO-16-15 |

## 1ED020I12BTXUMA1 Guarantees



## Quality Guarantees

We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

## 1ED020I12BTXUMA1 Payment Methods



## 1ED020I12BTXUMA1 Shipping Methods



If you have any question about 1ED020I12BTXUMA1, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

