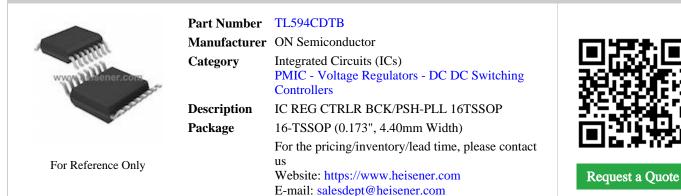


### TL594CDTB

#### **TL594CDTB Information**



#### **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.



#### **TL594CDTB Specifications**

| Manufacturer Part Number   | TL594CDTB   |
|----------------------------|---|
| Manufacturer               | ON Semiconductor  |
| Category                   | Integrated Circuits (ICs)                               |
|                            | PMIC - Voltage Regulators - DC DC Switching Controllers |
| Package                    | 16-TSSOP (0.173", 4.40mm Width)                         |
| Series                     | SWITCHMODE?   |
| Output Type                | Transistor Driver                                       |
| Function                   | Step-Down, Step-Up/Step-Down                            |
| Output Configuration       | Positive  |
| Topology                   | Buck, Push-Pull   |
| Number of Outputs          | 2   |
| Output Phases              | 1   |
| Voltage - Supply (Vcc/Vdd) | 7 V ~ 40 V  |
| Frequency - Switching      | 300kHz  |
| Duty Cycle (Max)           | 48%   |
| Synchronous Rectifier      | Yes   |
| Clock Sync                 | No  |
| Serial Interfaces          | -   |
| Control Features           | Dead Time Control, Frequency Control                    |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 16-TSSOP (0.173", 4.40mm Width)                         |
| Supplier Device Package    | 16-TSSOP  |
|                            | Report errors?  |

#### **TL594CDTB 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.

## SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# TL594CDTB Payment Methods WIRE PayPal Extension Of MoneyGram Alie In Internet Inter

If you have any question about TL594CDTB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com