

**LT3645EMSE#PBF Information**


For Reference Only

**Part Number** [LT3645EMSE#PBF](#)  
**Manufacturer** Linear Technology  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - Linear + Switching](#)  
**Description** IC REG DL BUCK/LINEAR 12-MSOP  
**Package** 12-TSSOP (0.118", 3.00mm Width) Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**LT3645EMSE#PBF Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">LT3645EMSE#PBF</a>  |
| Manufacturer               | Linear Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">PMIC - Voltage Regulators - Linear + Switching</a> |
| Package                    | 12-TSSOP (0.118", 3.00mm Width) Exposed Pad   |
| Series                     | -   |
| Topology                   | Step-Down (Buck) (1), Linear (LDO) (1)  |
| Function                   | Automotive  |
| Number of Outputs          | 2   |
| Frequency - Switching      | 750kHz  |
| Voltage/Current - Output 1 | 0.8 V ~ 16 V, 500mA   |
| Voltage/Current - Output 2 | 0.8 V ~ 8 V, 200mA  |
| Voltage/Current - Output 3 | -   |
| w/LED Driver               | No  |
| w/Supervisor               | No  |
| w/Sequencer                | No  |
| Voltage - Supply           | 3.6 V ~ 36 V  |
| Operating Temperature      | -40°C ~ 125°C   |
| Mounting Type              | Surface Mount   |
| Package / Case             | 12-TSSOP (0.118", 3.00mm Width) Exposed Pad   |
| Supplier Device Package    | 12-MSOP-EP  |

[Report errors?](#)

## LT3645EMSE#PBF 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## LT3645EMSE#PBF Payment Methods



## LT3645EMSE#PBF Shipping Methods



If you have any question about LT3645EMSE#PBF, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)