



TDA1558Q_CNV

Preview

Product information

Selection guide

See also

Datasheet

(Product Specification)
v.2.0, 01-May-92, 11 Pages,
69kB

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2 x 22 W or 4 x 11 W single-ended car radio power amplifier

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General description

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The TDA1558Q is a monolithic integrated class-B output amplifier in a 17-lead single-in-line (SIL) plastic power package. The device contains 4 x 11 W single-ended or 2 x 22 W BTL amplifiers and has been primarily developed for car radio applications.

Features

- Requires very few external components
- Flexibility in use Quad single-ended or stereo BTL
- High output power
- Low offset voltage at output (important for BTL)
- Fixed gain
- Good ripple rejection
- Mute/stand-by switch
- Load dump protection
- AC and DC short-circuit-safe to ground and V_p
- Thermally protected
- Reverse polarity safe
- Capability to handle high energy on outputs ($V_p = 0$)
- Protected against electrostatic discharge
- No switch-on/switch-off pop
- Flexible leads
- Low thermal resistance
- Identical inputs (inverting and non-inverting).

Products/packages

All type numbers in the table below are discontinued. See the table [Discontinued information](#) for more information.

| Type number | Orderable part number | Ordering code (12NC) | Product status | Package | Packing | Marking |
|-------------|-----------------------|----------------------|-------------------------------------|----------------------|---------|----------|
| TDA1558Q/N1 | TDA1558Q/N1,112 | 9350 439 20112 | Discontinued Replacement product | SOT243-1 (DBS17P) | Tube | Standard |

Quality/reliability/chemical content

All type numbers in the table below are discontinued. See the table [Discontinued information](#) for more information.

| Type number | Orderable part number | Chemical content | RoHS | Leadfree conversion date | RHF | IFR (FIT) | MTBF |
|-------------|-----------------------|------------------|------|--------------------------|-----|-----------|------|
| TDA1558Q/N1 | TDA1558Q/N1,112 | TDA1558Q_N1 | | Always Pb-free | | | |

Quality and reliability disclaimer

Discontinued information

| Type number | Ordering code (12NC) | Last-time buy date | Last-time delivery date | Replacement product | DN Notice | Status | Comments |
|-------------|----------------------|--------------------|-------------------------|---------------------|-----------|--------|----------|
|-------------|----------------------|--------------------|-------------------------|---------------------|-----------|--------|----------|

| | | | | | | | |
|-------------|--------------|-----------|-----------|------|-------|---|--|
| TDA1558Q/N1 | 935043920112 | 31-dec-09 | 31-dec-15 | None | DN 64 | Sole source product Standard availability Type number fully withdrawn | FAB ICN5 Closure. Refer to CIN205, 2008. Last Time Delivery date h31-Dec-15. |
|-------------|--------------|-----------|-----------|------|-------|---|--|

Parametrics/similar products

| Type number | Package | REMARKS |
|-------------|-----------------------------------|-------------------------------|
| TDA1558Q/N1 | SOT243-1 (DBS17P) | TDA1554Q with 40 [46] dB gain |

Similar products

[TDA1558Q_CNV](#) links to the similar products page containing an overview of products that are similar in function or related to the type number(s) as listed on the products page includes products from the same catalog tree(s), relevant selection guides and products from the same functional category.

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