

0,25W to 6W Miniature and Point-of-Load DC-DC Converter

The range starts at 0.25W in SIP/DIP/SMD formats and with optional higher isolation.

Apart from standard input/output voltages Powerstax also offer many specials for example 40V d.c. input to 7.2V d.c. output. Powerstax also offers customised DC-DC converters.

All DC-DC Converters from 0.25 W up to 2W, single and dual outputs in SIP4/SIP7 and DIP8/DIP14 cases (isolation from 1000V to 5200VDC) can be modified for voltages between 3.3 VDC and 48 VDC.

Standard inputs are 3.3, 5, 9, 12, 15, 24 and 48 V DC. Standard outputs are 3.3, 4.8, 5, 7.2, 9, 12, 15, 18 and 24 VDC.

Customers are using converters with 6, 7.5, 8, 18, 20, 22, 27 and 40 VDC. The temp. range is between - 40° C to 85° C.



Examples of Powerstax Point-of-Load DC-DC Converters

Applications

- Distributed Power Architectures
- Telecom / Datacom equipment
- Network Applications Computer Equipment

Übersicht
Part Ref / Description
SMD 0.25W to 6W Unregulated Series References: MSDV, MSDL, MSD, MEV3, MSD3, MSD6
SIP4 0.25W to 2W Unregulated SIP6 1W Unregulated Series References: M2AU, M2IU, M3AU, M3IU, M6AU, M6IU, M8AU, M8IU, M10AU, M10IU, M6EU
SIP7 0.5W to 2W Unregulated / Regulated Series References: M3CU, M3LU, M5CU, M5LU, M6CU, MN6CU, M6LU, M6CG, M6LG, M10CU, M10LU
SIP8 0.25W to 2W Regulated 2:1 Input Series References: MD2NG, MD3NG, MD6NG, MD10NG, MMR
SIP12 1.5W to 3W Regulated Series References: M8GG, M10GG, M14GG
DIP8 0.25W to 1.5W Unregulated DIP14 0.75W to 2W Unregulated / Regulated Series References: M2BU, M2KU, M3BU, M3KU, M6BU, M6KU, M7BU, M7KU, M8BU, M5DU, M5MG, M6DU, M6MU, M6MM, M6DG, M6MG, M10DU, M10MU
DIP16 1W and 2W Regulated 2:1 Input DIP24 1.5W to 3W Regulated Series References: MB6F, MB10F, M8SG, M10SG, M14SG
DIP24 1.5 W to 8 W Regulated 2:1 Input Series References: M8TG, M10TG, M14TG, M22TG, M26TG, MD30TG, MH34TG , MEN3, MEN5
DIP24 1.5 W to 8 W Regulated 4:1 Input Series References: M8TG, M10TG, M14TG, M18TG, M22TG, M26TG, MD30TG, MH34TG, MEN4, MEN6
2" x 1" 10 W to 15 W Regulated 2:1 Input 2" x 1" 10 W to 15 W Regulated 4:1 Input Series References: MB42WG, MB47WG, MH42WG, MH47WG
2" x 1.6" 18 W to 30 W Regulated 2:1 / 4:1 Input 3" x 2.6" 33 W to 60 W Regulated 2:1 / 4:1 Input Series References: MH47YG, MH49YG, MH50YG, MH51ZG, MH52ZG, MH54ZG, MH60ZG