



This product is RoHS compliant.

POLA (POINT-OF-LOAD-ALLIANCE) NON-ISOLATED DC-DC REGULATORS

Ericsson's POLA regulators are pin-for-pin compatible with those produced by other members of the Point-of-Load-Alliance. Other output voltages and mechanical configurations available, contact a Mouser Service Representative.



RoHS Compliant

For quantities of 50 and up, call for quote.

| MOUSER STOCK NO. | Ericsson Part No. | Fig. | Input (V) | Output (V) | Amps (A) | Power (W) | Efficiency | Price Each | | | |
|--|-------------------|------|-----------|------------|----------|-----------|------------|------------|-------|-------|-------|
| | | | | | | | | 1 | 5 | 10 | 20 |
| PMD Series, 10.8-12.4W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 0.745 L x 0.495 W x 0.335 H | | | | | | | | | | | |
| *764-PMD4118OWSR | PMD4118OWSR | A | 3.0-5.5 | 0.9-3.6 | 3.0 | 10.8 | 82% | 9.74 | 7.70 | 7.04 | 6.50 |
| *764-PMD5118OWSR | PMD5118OWSR | A | 4.5-14 | 0.9-5.5 | 2.25 | 12.4 | 82% | 9.74 | 7.70 | 7.04 | 6.50 |
| *764-PMD4118OWP | PMD4118OWP | A | 3.0-5.5 | 0.9-3.6 | 3.0 | 10.8 | 82% | 9.74 | 7.70 | 7.04 | 6.50 |
| *764-PMD5118OWP | PMD5118OWP | A | 4.5-14 | 0.9-5.5 | 2.25 | 12.4 | 82% | 9.74 | 7.70 | 7.04 | 6.50 |
| PME Series, 10.8-33W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 0.745 L x 0.495 W x 0.335 H | | | | | | | | | | | |
| *764-PME5218TSR | PME5218TSR | B | 5.0 | 0.8-3.6 | 6 | 21.6 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME8118TSR | PME8118TSR | B | 12.0 | 0.8-1.8 | 6 | 10.8 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME8318LSR | PME8318LSR | B | 12.0 | 1.2-5.5 | 6 | 33.0 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME4118TP | PME4118TP | B | 3.3 | 0.8-2.5 | 6 | 15.0 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME5218TP | PME5218TP | B | 5.0 | 0.8-3.6 | 6 | 21.6 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME8118TP | PME8118TP | B | 12.0 | 0.8-1.8 | 6 | 10.8 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| *764-PME8318LP | PME8318LP | B | 12.0 | 1.2-5.5 | 6 | 33.0 | 87% | 12.95 | 10.14 | 9.23 | 8.49 |
| PMF Series, 18-55W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 0.995 L x 0.62 W x 0.354 H | | | | | | | | | | | |
| *764-PMF5318TSR | PMF5318TSR | C | 5.0 | 0.8-3.6 | 10 | 36 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| *764-PMF8118TSR | PMF8118TSR | C | 12.0 | 0.8-1.8 | 10 | 18 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| *764-PMF8518LSR | PMF8518LSR | C | 12.0 | 1.2-5.5 | 10 | 55 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| *764-PMF5318TP | PMF5318TP | C | 5.0 | 0.8-3.6 | 10 | 36 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| *764-PMF8118TP | PMF8118TP | C | 12.0 | 0.8-1.8 | 10 | 18 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| *764-PMF8518LP | PMF8518LP | C | 12.0 | 1.2-5.5 | 10 | 55 | 88% | 15.87 | 12.50 | 11.44 | 10.46 |
| PMG Series, 21.6-54W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 1.37 L x 0.62 W x 0.354 H | | | | | | | | | | | |
| *764-PMG5518TSR | PMG5518TSR | C | 5.0 | 0.8-3.6 | 15 | 54.0 | 88% | 21.11 | 16.87 | 15.49 | 14.22 |
| *764-PMG8218TSR | PMG8218TSR | C | 12.0 | 0.8-1.8 | 12 | 21.6 | 88% | 21.11 | 16.87 | 15.49 | 14.22 |
| *764-PMG5518TP | PMG5518TP | C | 5.0 | 0.8-3.6 | 15 | 54.0 | 88% | 21.11 | 16.87 | 15.49 | 14.22 |
| PMH Series, 32.4-79.2W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 1.495 L x 0.87 W x 0.354 H | | | | | | | | | | | |
| *764-PMH5718TSR | PMH5718TSR | C | 5.0 | 0.8-3.6 | 22 | 79.2 | 88% | 25.70 | 20.37 | 18.63 | 17.03 |
| *764-PMH5718TP | PMH5718TP | C | 5.0 | 0.8-3.6 | 22 | 79.2 | 88% | 25.70 | 20.37 | 18.63 | 17.03 |
| PMN Series 108W POLA Regulators, Non-Isolated, Thru-Hole or SMD - Size: Dimensions (in.) 1.37 L x 0.62 W x 0.335 H | | | | | | | | | | | |
| *764-PMN5118USR | PMN5118USR | D | 4.5-5.5 | 0.7-3.6 | 30 | 108 | 96% | 31.83 | 24.76 | 22.56 | 20.73 |
| *764-PMN8118UWSR | PMN8118UWSR | D | 5.5-14 | 0.7-3.6 | 30 | 108 | 96% | 31.83 | 24.76 | 22.56 | 20.73 |
| *764-PMN5118UP | PMN5118UP | D | 4.5-5.5 | 0.7-3.6 | 30 | 108 | 96% | 31.83 | 24.76 | 22.56 | 20.73 |
| *764-PMN8118UWP | PMN8118UWP | D | 5.5-14 | 0.7-3.6 | 30 | 108 | 96% | 31.83 | 24.76 | 22.56 | 20.73 |

*Surface Mount

DIGITAL POL DC/DC REGULATORS, 66-132W

Features:

- High efficiency: typ. 86% @ 3.3V full load
- Input voltage range: 18-75V, 18-36V, and 36-75V
- Voltage/current/temperature monitoring
- ISO 9001/14001 certified supplier
- PMBUS read and write compliant
- Non-linear transient response
- Small package



RoHS Compliant

For quantities of 50 and up, call for quote.

| MOUSER STOCK NO. | Ericsson Part No. | Fig. | Input (V) | Output (V) | Amps (A) | Power (W) | Efficiency | Price Each | | | |
|---|-------------------|------|-----------|------------|----------|-----------|------------|------------|-------|-------|-------|
| | | | | | | | | 1 | 5 | 10 | 20 |
| Size: Dimensions (in.) 1.01 L x 0.51 W x 0.323 H | | | | | | | | | | | |
| *764-BMR450002/020 | BMR450002/020 | E | 4.5-14 | 0.6-5.5 | 20 | 66 | 96% | 28.29 | 22.43 | 20.51 | 18.76 |
| *764-BMR4501002/020 | BMR4501002/020 | E | 4.5-14 | 0.6-5.5 | 20 | 66 | 96% | 28.29 | 22.43 | 20.51 | 18.76 |
| Size: Dimensions (in.) 1.215 L x 0.787 W x 0.323 H | | | | | | | | | | | |
| *764-BMR4510002/020 | BMR4510002/020 | F | 4.5-14 | 0.6-3.6 | 40 | 132 | 96% | 34.29 | 28.43 | 26.51 | 24.76 |
| *764-BMR4511002/020 | BMR4511002/020 | F | 4.5-14 | 0.6-3.6 | 40 | 132 | 96% | 34.29 | 28.43 | 26.51 | 24.76 |

*Surface Mount

MICRO TCA POWER MODULE, 355W

Use in applications based on the PICMG® Micro Telecommunications Computing Architecture (MicroTCA™). Ready to be mounted directly into the sub-rack. Provides power conversion from a -48Vdc input source to 16 independent channels of 12V for Payload power and 3.3V for management power. Full-size, Single-Width.



RoHS Compliant

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| MOUSER STOCK NO. | Ericsson Part No. | Fig. | Input (V) | Output (V) | Amps (A) | Power (W) | Efficiency | Price Each | | | |
|------------------|-------------------|------|-----------|------------|----------|-----------|------------|------------|--------|--------|--------|
| | | | | | | | | 1 | 5 | 10 | 20 |
| *764-BMR911483/1 | BMR911483/1 | G | 36-75 | 12 | 33 | 355W | 95% | 690.00 | 568.62 | 526.13 | 493.71 |

INTERMEDIATE BUS CONVERTERS

PKM-B & PKM-N Series 240W - 380W, IBC, Thru Hole

- Optional base plate and case to ground pin



RoHS Compliant

For quantities of 50 and up, call for quote.

| MOUSER STOCK NO. | Ericsson Part No. | Fig. | Input (V) | Output (V) | Amps (A) | Power (W) | Efficiency | Price Each | | | |
|--|-------------------|------|-----------|------------|----------|-----------|------------|------------|-------|-------|-------|
| | | | | | | | | 1 | 5 | 10 | 20 |
| Size: Dimensions (in.) 2.28 L x 1.45 W x 0.457 H | | | | | | | | | | | |
| *764-PKM4304BPI | PKM4304BPI | H | 36-75 | 12 | 33 | 380 | 96% | 108.68 | 91.17 | 84.83 | 79.12 |
| Size: Dimensions (in.) 2.30 L x 0.894 W x 0.397 H | | | | | | | | | | | |
| *764-PKB4204BPI | PKB4204BPI | H | 36-75 | 12 | 20 | 240 | 95% | 72.83 | 61.10 | 56.85 | 53.02 |
| *764-PKB4302NGPI | PKB4302NGPI | H | 38-55 | 9.6 | 42 | 300 | 95% | 72.22 | 60.59 | 56.37 | 52.58 |

PKM-N Series, 300-480W Quarter Brick, IBC, Thru Hole

For quantities of 50 and up, call for quote.

| MOUSER STOCK NO. | Ericsson Part No. | Fig. | Input (V) | Output (V) | Amps (A) | Power (W) | Efficiency | Price Each | | | |
|--|-------------------|------|-----------|------------|----------|-----------|------------|------------|-------|-------|-------|
| | | | | | | | | 1 | 5 | 10 | 20 |
| Size: Dimensions (in.) 2.28 L x 1.45 W x 0.43 H | | | | | | | | | | | |
| *764-PKM4303NFPI | PKM4303NFPI | I | 42-53 | 12 | 25 | 300 | 96% | 52.91 | 44.39 | 41.30 | 38.52 |

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