

# ERICSSON DC-DC Converters



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.

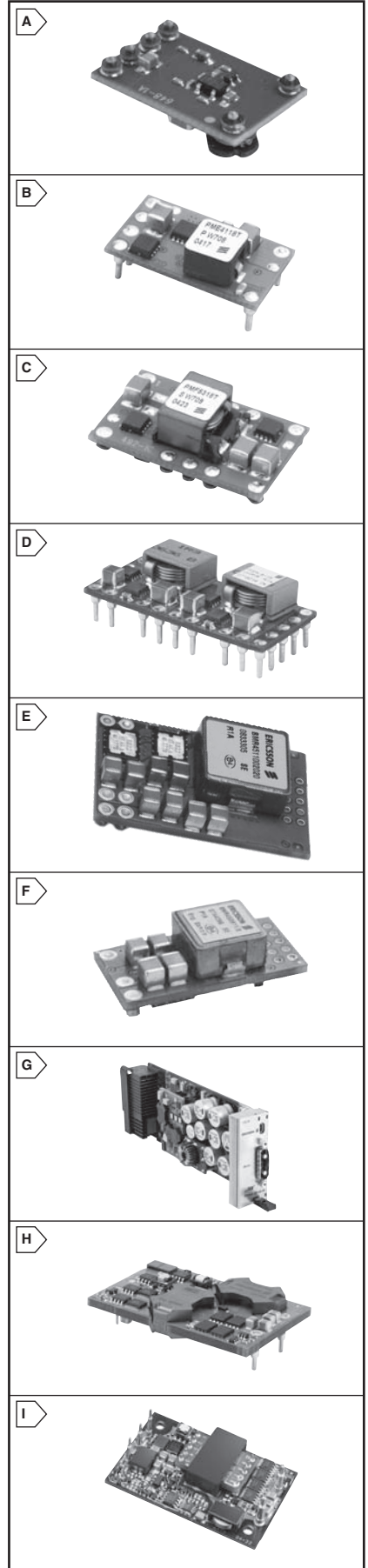


RoHS Compliant

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
<b>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</b>											
* 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
<b>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</b>											
* 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
<b>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</b>											
* 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
<b>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</b>											
* 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
<b>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</b>											
* 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
<b>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</b>											
* 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 DC/DC REGULATORS, 66 - 132W

### Features:

- High efficiency: typ. 86% @ 3.3V full load
- Input voltage range: 18-75V, 18-36V, and 36-75V
- Also available in surface mount
- PMBUS compliant
- Voltage/current/temperature monitoring
- Non-linear transient response
- Small package



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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
<b>Size: Dimensions (in.) 1.01 L x 0.51 W x 0.323 H</b>											
764-BMR450002/020	BMR450002/020	E	4.5-14	0.6-5.5	20	66	96%	28.29	22.43	20.51	18.76
<b>Size: Dimensions (in.) 1.215 L x 0.787 W x 0.323 H</b>											
764-BMR4510002/020	BMR4510002/020	F	4.5-14	0.6-3.6	40	132	96%	34.29	28.43	26.51	24.76

## 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.



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								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



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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
<b>Size: Dimensions (in.) 2.28 L x 1.45 W x 0.457 H</b>											
764-PKM4304BPI	PKM4304BPI	H	36-75	12	33	380	96%	108.68	91.17	84.83	79.12
764-PKM4204BPI	PKM4204BPI	H	36-75	12	25	288	96%	92.38	77.50	72.11	67.25
<b>Size: Dimensions (in.) 2.30 L x 0.894 W x 0.397 H</b>											
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



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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
<b>Size: Dimensions (in.) 2.28 L x 1.45 W x 0.43 H</b>											
764-PKM4303NFPI	PKM4303NFPI	I	42-53	12	25	300	96%	52.91	44.39	41.30	38.52
764-PKM4402NGPI	PKM4402NGPI	I	36-55	9.6	63	480	96%	111.11	93.21	86.73	80.89