

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.

PMD Series, 10.8-12.4W, Non-Isolated

Features:
 • Dimensions (in.): 0.745 L x 0.495 W x 0.335 H * Surface Mount
 For quantities greater than listed, 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
* 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, Non-Isolated

Features:
 • Dimensions (in.): 0.745 L x 0.495 W x 0.335 H * Surface Mount
 For quantities greater than listed, 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
* 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, Non-Isolated

Features:
 • Dimensions (in.): 0.995 L x 0.62 W x 0.354 H * Surface Mount
 For quantities greater than listed, 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
* 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, Non-Isolated

Features:
 • Dimensions (in.): 1.37 L x 0.62 W x 0.354 H * Surface Mount
 For quantities greater than listed, 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
* 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, Non-Isolated

Features:
 • Dimensions (in.): 1.495 L x 0.87 W x 0.354 H * Surface Mount
 For quantities greater than listed, 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
* 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, Non-Isolated

Features:
 • Dimensions (in.): 1.37 L x 0.62 W x 0.335 H * Surface Mount
 For quantities greater than listed, 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
* 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

DIGITAL POL DC/DC REGULATORS, 66-132W

Features:
 • High efficiency: typ. 96% @ half load, 5Vin, 3.3Vout
 • 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



BMR463 Series

Features:
 • Dimensions (in.): 1.01 L x 0.54 W x 0.323 H * Surface Mount
 For quantities greater than listed, 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
764-BMR4630002/001	BMR4630002/001	E	4.5-14	0.6-3.3	20	66	97%	28.29	22.43	20.51	18.76
* 764-BMR4631002/001	BMR4631002/001	E	4.5-14	0.6-3.3	20	66	97%	28.29	22.43	20.51	18.76

BMR450 Series

Features:
 • Dimensions (in.): 1.01 L x 0.51 W x 0.323 H * Surface Mount
 For quantities greater than listed, 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
764-BMR4500002/020	BMR4500002/020	F	4.5-14	0.6-5.5	20	66	96%	28.29	22.43	20.51	18.76
* 764-BMR4501002/020	BMR4501002/020	F	4.5-14	0.6-5.5	20	66	96%	28.29	22.43	20.51	18.76

BMR451 Series

Features:
 • Dimensions (in.): 1.215 L x 0.787 W x 0.323 H * Surface Mount
 For quantities greater than listed, 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
764-BMR4510002/020	BMR4510002/020	G	4.5-14	0.6-3.6	40	132	96%	34.29	28.43	26.51	24.76
* 764-BMR4511002/020	BMR4511002/020	G	4.5-14	0.6-3.6	40	132	96%	34.29	28.43	26.51	24.76

