

Analog Point of Load (POL) Power Modules



PMD

Description: The PMD series are POLA-compatible point of load DC/DC regulators, providing maximum flexibility for board power designs and ensuring full interoperability between all member products.

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMD 4118O	3-5.5	0.9-3.6	3	10.8	93.2%	Through Hole, SMD	18.92 x 12.57 x 8.50 mm (0.745 x 0.495 x 0.335 in)
PMD 5118O	4.5-14	0.9-5.5	2.25	12.4	91.4%		



PME

Description: (POLA)

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PME 4118V	2.95-3.65	0.55-1.8	6	10.8	88.9%	Through Hole, SMD,	22.1 x 12.57 x 8.51 mm (0.87 x 0.495 x 0.335 in)
PME 4118T	2.95-3.65	0.8-2.5	6	15	94.7%		
PME 5118V	4.5-5.5	0.55-1.8	6	10.8	87.2%		
PME 5218T	4.5-5.5	0.8-3.6	6	22	94.8%		
PME 8118V	10.8-13.2	0.55-1.8	6	10.8	84%		
PME 8118T	10.8-13.2	0.8-1.8	6	10.8	87.3%		
PME 8318L	10.8-13.2	1.2-5.5	6	33	89.2%		



PMF

Description: (POLA)

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMF 4218T	2.95-3.65	0.8-2.5	10	25	94.1%	Through Hole, SMD,	22.1 x 12.57 x 8.51 mm (0.87 x 0.495 x 0.335 in)
PMF 5318T	4.5-5.5	0.8-3.6	10	36	94.8%		
PMF 8118T	10.8-13.2	0.8-1.8	10	18	89.5%		
PMF 8518L	10.8-13.2	1.2-5.5	10	55	93.1%		



PMG

Description: (POLA)

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMG 4318T	2.95-3.65	0.8-2.5	15	37.5	94.5%	Through Hole, SMD,	22.1 x 12.57 x 8.51 mm (0.87 x 0.495 x 0.335 in)
PMG 5518T	4.5-5.5	0.8-3.6	15	54	95.4%		
PMG 8218T	10.8-13.2	0.8-1.8	12	21.6	89.3%		
PMG 8618L	10.8-13.2	1.2-5.5	12	66	92.5%		



PMH

Description: (POLA)

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMH 4518T	2.95-3.65	0.8-2.5	22	55	93.8%	Through Hole, SMD,	37.97 x 22.1 x 9.0 mm (1.495 x 0.87 x 0.354 in)
PMH 5718T	4.5-5.5	0.8-3.6	22	79.2	95.6%		
PMH 8318T	10.8-13.2	0.8-1.8	18	32	89.5%		
PMH 8918L	10.8-13.2	1.2-5.5	18	99	92.4%		



Free Download



Flex Power Designer Software

Sketch, simulate, configure and monitor your digital power system with the Flex Power Designer software.

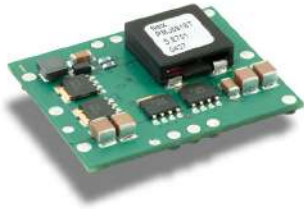
Safety Approvals

Design for Environment



PMJ

Description: (POLA)



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMJ 4718T	2.95-3.65	0.8-2.5	30	75	94.5%	Through Hole, SMD,	34.80 x 28.45 x 9.0 mm (1.37 x 1.12 x 0.354 in)
PMJ 5918T	4.5-5.5	0.8-3.6	30	108	95.5%		
PMJ 8418T	10.8-13.2	0.8-1.8	26	47	88.2%		
PMJ 8118L	10.8-13.2	1.2-5.5	26	143	92.2%		

PMM

Description: (POLA)



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMM 4218T	2.95-5.5	0.8-2.5	60	150	94.0%	Through Hole, SMD	51.94 x 26.54 x 9.07 mm (2.045 x 1.045 x 0.357 in)
PMM 8218T	8-14	0.8-5.5	50	275	94.3%		

PMN

Description: (POLA)



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMN 5118U	4.5-5.5	0.7-3.6	30	108	96.0%	Through Hole, SMD	34.8 x 15.75 x 8.5 mm (1.37 x 0.62 x 0.335 in)
PMN 8118UW	5.5-14	0.7-3.6	30	108	96.0%		

PMP

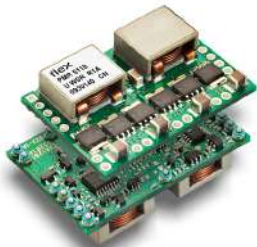
Description: (POLA)



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMP 5818UW	4.5-14	0.7-5.5	16	88	96.0%	Through Hole, SMD	22.1 x 18.93 x 8.5 mm (0.87 x 0.745 x 0.335 in)

PMR

Description: (POLA)



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMR 5118UW	4.5-14	0.7-3.6	50	180	96.0%	Through Hole, SMD	38.61 x 25.91 x 10.23 mm (1.52 x 1.02 x 0.403 in)
PMR 8210	8-14	3-5.25	40	210	96.0%		

PMT

Description: The PMT series are point of load DC/DC regulators



Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMT8318VS	4.5-14	0.8-5.5	6	30	95.1%	SMD	12.2 x 12.2 x 7.2 mm (0.48 x 0.48 x 0.283 in)

