



Product Series Overview – Legacy Products

-PMB

Description: The PMB series are DOSA-compatible SIP point-of-load regulators

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMB 4518T	3-5.5	0.75-3.63	16	58	95.4	Through Hole	51.9 x 9 x 13.2 mm (2.01 x 0.35 x 0.52 in)
PMB 8818T	8.3-16	0.75-5.5	16	80	92.8		

-PMC

Description: The PMC series are DOSA-compatible surface-mount point-of-load regulators

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PMC 4318T	3-5.5	0.75-3.63	10	36	95.7	SMD	33 x 13.5 x 8.3 mm (1.3 x 0.53 x 0.323 in)
PMC 4518T	3-5.5	0.75-3.63	16	58	96.0		
PMC 8518T	8.3-16	0.75-5.5	10	50	92.3		
PMC 8818T	8.3-16	0.75-5.5	16	80	93.2		

-BMR450

Description: The BMR450 series are first generation digital point-of-load regulators

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
BMR450*	4.5-14	0.6-5.5	20	100	96.8	Through Hole, SMD	25.65 x 12.9 x 8.2 mm (1.01 x 0.51 x 0.323 in)

* Not recommend for new design in



-BMR451

Description: The BMR451 series are first generation digital point-of-load regulators

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
BMR451*	4.5-14	0.6-3.6	40	132	96.4	Through Hole, SMD	30.85 x 20 x 8.2 mm (1.215 x 0.787 x 0.323 in)

* Not recommend for new design in

-PKD-E

Description: Phase out products

-PKR

Description: The PKR series are designed with the SMD footprint and available as surface-mount and through-hole version.

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKR 2610A	18-36	3.3	2	6.6	82	Through hole, SMD	47.8 x 28.1 x 8.0 mm (1.88 x 1.11 x 0.32 in)
PKR 2111A	18-36	5	2	10	85		
PKR 2113A	18-36	12	1	12	87.5		
PKR 2221A	18-36	12/-12	0.62/0.62	14.9	86.6		
PKR 5510	18-75	3.3	1.5	5	79		
PKR 5611	18-75	5	1.2	6	83		
PKR 5113	18-75	12	0.92	11	86		
PKR 4918B	36-75	1.8	5	9	83		
PKR 4919B	36-75	2.5	4.4	11	85		
PKR 4910A	36-75	3.3	3	9.9	80		
PKR 4110B	36-75	3.3	4.5	15	85		
PKR 4211A	36-75	5	3	15	83.5		
PKR 4117A	36-75	7.1	2.2	15	83		
PKR 4128B	36-75	3.3/5	1.5/1.4	12	90.8		
PKR 4928A	36-75	3.3/5	2.1/0.5	9.5	81.9		
PKR 4221A	36-75	12/-12	0.62/0.62	15	86.5		



-PKU

Description: PKU is 50-66W isolated DC/DC converter in an industry standard Sixteenth Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU4318L PI*	36-75	1.2	25	30	83.5	1/16 Brick Through hole, SMD	33 x 22.9 x 9.9 mm (1.3 x 0.9 x 0.39 in)
PKU4318H PI*	36-75	1.5	25	37.5	86		
PKU4418G PI*	36-75	1.8	25	45	86.4		
PKU4319 PI*	36-75	2.5	15	37.5	88		
PKU4619 PI*	36-75	2.5	25	62.5	90		
PKU4510 PI*	36-75	3.3	15	50	89.7		
PKU4710 PI*	36-75	3.3	20	66	90		
PKU4511 PI*	36-75	5.0	10	50	89.8		
PKU4513 PI*	36-75	12	4.2	50	88.5		
PKU4515 PI*	36-75	15	3.3	50	89.5		

* Not recommend for new design in

-PKU-E 30W

Description: PKU-E is 30W isolated DC/DC converter in an industry standard Sixteenth Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKU5310E*	18-72	3.3	10	33	89.2	1/16 Brick Through hole, SMD	33.02 x 22.86 x 7.50 mm (1.3 x 0.9 x 0.295 in)
PKU5311E*	18-72	5.0	7	35	91		
PKU5313E*	18-72	12	2.75	33	89.2		
PKU5315E*	18-72	15	2	30	89		
PKU4310E*	36-72	3.3	10	33	89.4		
PKU4411E*	36-72	5.0	8	40	90.5		
PKU4317VE*	36-72	6.0	6	36	89.5		
PKU4315E*	36-72	15	2	30	89		

* Not recommend for new design in



-PKB

Description: PKB is 30-90W isolated DC/DC converter in an industry standard Eighth Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB4318N PINB*	36-75	1.0	30	30	85.1	1/8 Brick Through hole, SMD	58.42 x 22.76 x 8.10 mm (2.300 x 0.896 x 0.319 in)
PKB4318 PIOBNB*	36-75	1.2	30	36	87		
PKB4418N PIOANB*	36-75	1.5	30	45	88.5		
PKB4418 PINB*	36-75	1.8	25	45	90		
PKB4619 PINB*	36-75	2.5	25	62.5	90		
PKB4610 PINB*	36-75	3.3	20	66	91.5		
PKB4810 PINB*	36-75	3.3	25	82.5	91.5		
PKB4711 PINB*	36-75	5.0	15	75	90.5		
PKB4717 PINB*	36-75	7.2	10.5	75	90.6		
PKB4713 PINB*	36-75	12	6	72	90.6		
PKB4913 PINB*	36-75	12	7.5	90	90.5		
PKB4715 PINB*	36-75	15	5	75	91.0		

* Not recommend for new design in

-PKB-A

Description: PKB-A is 99-125W isolated DC/DC converter in an industry standard Eighth Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKB4910A*	36-72	3.3	30	99	92.7	1/8 Brick Through hole, SMD	58.4 x 22.7 x 8.5mm (2.30 x 0.894 x 0.339 inch)
PKB4111A*	36-72	5.0	25	125	93.5		

* Not recommend for new design in



-PKM-C

Description: PKM-C is 120-200W isolated DC/DC converter in an industry standard Quarter Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM4118LC PINB*	36-75	1.2	100	120	90	1/4 Brick Through hole	57.9 x 36.8 x 9.1 mm (2.28 x 1.45 x 0.368 in)
PKM4218HC PINB*	36-75	1.5	100	150	91		
PKM4218GC PINB*	36-75	1.8	100	180	91.5		
PKM4110C PINB*	36-75	3.3	50	165	92.3		
PKM4211C PINB*	36-75	5.0	40	200	93		
PKM4213C PINBSP*	36-75	12	17	204	84.4		

* Not recommend for new design in

-PKM-D

Description: PKM-D is 50-120W isolated DC/DC converter in an industry standard Quarter Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM2113D PINB*	18-36	12	10	120	91.8	1/4 Brick Through hole	57.9 x 36.8 x 9.7 mm (2.28 x 1.45 x 0.38 in)
PKM5113D PINB*	18-75	12	11	132	93.2		
PKM4418LD PINB*	36-75	1.2	40	48	87.5		
PKM4718GD PINB*	36-75	1.8	40	72	89.5		
PKM4110D PINB*	36-75	3.3	35	115	91		
PKM4111D PINB*	36-75	5.0	25	125	92		
PKM4113D PINB*	36-75	12	11	132	93.8		
PKM4115D PINB*	36-75	15	8	120	91.4		
PKM4116ND PI*	36-75	29.8	3.3	98	92.6		

*Phase out products



-PKM-E

Description: PKM-E is 50-82W isolated DC/DC converter in an industry standard Quarter Brick package

Series name	Vin Range (VDC)	Vout Nominal (VDC)	Iout (A)	Power (W)	Efficiency (%)	Package	Size: LxWxH (mm)
PKM2510E PI	18-36	3.3	15	50	89	1/4 Brick Through hole	57.9 x 36.8 x 8.5 mm (2.28 x 1.45 x 0.33 in)
PKM2810E PI	18-36	3.3	25	82.5	92.2		
PKM2511E PI	18-36	5.0	10	50	86.5		
PKM2811E PI	18-36	5.0	16.5	82.5	91.5		
PKM2513E PI	18-36	12	4.2	50	87		
PKM2515E PI	18-36	15	3.3	50	88		
PKM4619E PI	36-75	2.5	25	62.5	90		
PKM4510E PI	36-75	3.3	15	50	90		
PKM4810E PI	36-75	3.3	25	82.5	92		
PKM4511E PI	36-75	5.0	10	50	90		
PKM4711E PI	36-75	5.0	15	75	91		
PKM4513E PI	36-75	12	4.2	50	87		
PKM4515E PI	36-75	15	3.3	50	86		
PKM4516ZE PI	36-75	24	2.1	50	87		

* Not recommend for new design in