

Prepared (also subject responsible if other) HF/MPM/BY/P Anders Wägmark		No. MPM-06:000876 Uen		
Approved MPM/BY [Michael Johansson B]	Checked (MICMROS)	Date 2006-11-17	Rev A	Reference

For Your Information  
Product Management Council  
PKG Product Committee team

Receiver  
Sales and FAE world-wide

## PKG Discontinuation - Last time buy

DC/DC-converter technology continuously evolves, offering smaller, more powerful and more cost efficient products. Ericsson Power Modules commitment to design-for-environment and continuous cost reductions is leading us to phase out some products that are being replaced by lower cost and higher performance products.

Power Modules has taken a decision to discontinue the following products:

### PKG 2000I (18-36V Input)

PKG 2410 PI	3.3V, 14A 46W
PKG 2611 PI	5V, 12A 60W
PKG 2623 PI	12V, 4A & 12V, 4A 60W
PKG 2625 PI	15V, 3.2A & 15V, 3.2A 60W

### PKG 4000I (36-75V Input)

PKG 4319 PI	2.5V, 15A 38W
PKG 4410 PI	3.3V, 14A 46W
PKG 4611 PI	5V, 12A 60W
PKG 4617 P10A	6.2, 10A 60W
PKG 4428 PI	3.3V, 9.6A & 5V, 4A 40W
PKG 4623 PI	12V, 4A & 12V, 4A 60W
PKG 4625 PI	15V, 3.2A & 15V, 3.2A 60W
PKG 4627 PI	5V, 9A & 12V, 4A 60W

PKZ 0101 Heat sink PKG

**Last date for placing orders will be 2007-08-31** and last date for delivery will be 2008-08-31.

The recommended replacements for the discontinued products (see end of this document) comprise of a set of alternatives out of which selections can be made to optimize price, size and output power. All the recommended replacement products fit in the PKG footprint. Power Modules best product families to meet the PKG electrical performance are our PKM-E, PKB and PKU Family. The PKM-E Family consists of cost effective open frame Quarter brick products, also available with Heat sink option. The PKB Family consists of cost effective open frame Eight brick products, during 2007 also SMD option is planned. The PKU Family consists of cost effective open frame Sixteen brick products, during 2007 also SMD option is planned.

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Figure 1 PKG 15A/60W  
Size LxWxH 74.7x59.3x11mm



Figure 2 PKM-E 1/4-brick 25A/82.5W  
Size LxWxH 57.9x36.8x8.5 (12.7)mm



Figure 3 PKB 1/8-brick 30A/82W  
Size LxWxH 58.4x22.8x8.10mm



Figure 4 PKU 1/16-brick 25A/50W  
Size LxWxH 33x22.9x9.9mm

The optimal replacement is depending on the actual application and its specific requirements. Depending on the actual requirements, other solutions can be presented, please contact Ericsson Power Modules for assistance. For more information about these and other products see:

[http://www.ericsson.com/campaign/powermodules/hp/Power\\_Modules\\_pa.html](http://www.ericsson.com/campaign/powermodules/hp/Power_Modules_pa.html)

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### Recommended replacement products

All DC/DC modules mentioned below are recommended electrical replacements that fit in the PKG footprint.

PKG 2000I	Recommended electrical replacements	Replacement vs PKG
PKG 2410 PI (24Vin/3.3V 14Aout 46W)	PKM 2510E PI (24Vin/3.3V 15Aout 50W)  Or PKB 5610 I (18-60Vin/3.3V 20Aout 60W) <sup>1)</sup>	Foot print ↓ <1/2 Price ↓  Foot print ↓ <1/3 Price ↓
PKG 2611 PI (24Vin/5V 12Aout 60W)	PKM 2511E PI (24Vin/5V 10Aout 50W)  Or PKB 5611 I (18-60Vin/5V 15Aout 75W) <sup>1)</sup>	Foot print ↓ <1/2 Price ↓  Foot print ↓ <1/3 Price ↓
PKG 2623 PI (24Vin/2x12V 4Aout 60W) As single 12V (outputs in parallel)	PKM 2513E PI (24Vin/12V 4.2Aout 50W)  Or PKB 5713 I (18-60Vin/12V 6.25Aout 75W) <sup>1)</sup>	Foot print ↓ <1/2 Price ↓  Foot print ↓ <1/3 Price ↓
Two separate 12V outputs	One PKM 2513E PI (24Vin/12V 4.2Aout 50W) and one PKR 2113 SI (24Vin/12V 1Aout 12W). Total power: 62W.  Or Two PKM 2513E PI (24Vin/12V 4.2Aout 50W). Total power: 100W	Foot print ↘ Price ↘  Foot print → Price ↗
PKG 2625 PI (24Vin/2x15V 3.2Aout 60W) As single 15V (outputs in parallel)	PKM 2515E PI (24Vin/15V 3.3Aout 50W)	Foot print ↓ <1/2 Price ↓
Two separate 15V outputs	One PKM 2515E PI (24Vin/15V 3.3Aout 50W) and one PKR 2113 SI (24Vin/12V 1Aout 12W). Voltage adjusted to 15Vout Total power: 62W  Or Two PKM 2515E PI (24Vin/15V 3.3Aout 50W). Total power: 100W	Foot print ↘ Price ↘  Foot print → Price ↗

<sup>1)</sup> Preliminary product code, these products are planned to be released during Q1 2007.

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<b>PKG 4000I</b>	<b>Recommended electrical replacements</b>	<b>Replacement vs PKG</b>
PKG 4319 PI (48Vin/2.5V 15Aout 38W)	PKM 4319E PI (48Vin/2.5V 15Aout 38W)	Foot print ↓ <1/2 Price ↓
	Or PKB 4619 PINB (48Vin/2.5V 25Aout 62.5W)	Foot print ↓ <1/3 Price ↓
	Or PKU 4319 PI (48Vin/2.5V 15Aout 38W)	Foot print ↓ <1/5 Price ↓
PKG 4410PI (48Vin/3.3V 14Aout 46W)	PKM 4510E PI (48Vin/3.3V 15Aout 50W)	Foot print ↓ <1/2 Price ↓
	Or PKB 4610 I (48Vin/3.3V 20Aout 66W)	Foot print ↓ <1/3 Price ↓
	Or PKU 4510 PI (48Vin/3.3V 15Aout 50W)	Foot print ↓ <1/5 Price ↓
PKG 4611 PI (48Vin/5V 12Aout 60W)	PKM 4511E PI (48Vin/5V 10Aout 50W)	Foot print ↓ <1/2 Price ↓
	Or PKB 4711 I (48Vin/5V 15Aout 75W)	Foot print ↓ <1/3 Price ↓
	Or PKU 4511 I (48Vin/5V 10Aout 50W)	Foot print ↓ <1/5 Price ↓
PKG 4617 PIOA (48Vin/6.2V 10Aout 60W)	Please contact Ericsson Power Modules for assistance	
PKG 4428 PI (48Vin/3.3V 9.6A & 5V 6.4Aout 40W) As 5 and 3.3Vout	One PKM 4511E PI (48Vin/5V 10Aout 50W) and one PMC 4318T WS 5Vin/3.3Out 10Aout or PME 5218 T 5Vin/3.3Out 6Aout. Total power: 50W	Foot print ↘ Price ↘
PKG 4623 PI (48Vin/2x12V 4Aout 60W) , as single 12V (outputs in parallel)	One PKM 4513E PI (48Vin/12V 4.2Aout 50W)	Foot print ↓ <1/2 Price ↓
	Or PKB 4713 PINB (48Vin/12V 6Aout 72W)	Foot print ↓ <1/3 Price ↓
	Or PKU 4513 PI (48Vin/12V 4.2Aout 50W)	Foot print ↓ <1/5 Price ↓
Two separate 12V outputs	One PKM 4513E PI (48Vin/12V 4.2Aout 50W) and one PKR 5113SI (48Vin/12V 0.92A 11W). Total power: 61W	Foot print ↘ Price ↘
	Two PKM 4513E PI (48Vin/12V 4.2Aout 50W). Total power: 100W	Foot print → Price ↗
As single 24V (outputs in series)	PKM 4516ZE PI (48Vin/24V 2.1Aout 50W). Total power: 50W	Foot print ↓ <1/2 Price ↓

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PKG 4000I	Recommended electrical replacements	Replacement vs PKG
PKG 4625 PI (48Vin/2x15V 3.2Aout 60W) as single 15V (outputs in parallel)	PKM 4515E PI (48Vin/15V 3.3Aout 50W)  Or	Foot print ↓ <1/2 Price ↓  Foot print ↓ <1/3 Price ↓
Two separate 15V outputs	One PKM 4515E PI (48Vin/15V 3.3Aout 50W) and one PKR 5113SI (48Vin/12V 0.92A 11W) Voltage adjusted to 15Vout Total power: 61W  Or Two PKM 4515E PI (48Vin/15V 3.3Aout 50W). Total power: 100W	Foot print ↘ Price ↘  Foot print → Price ↗
PKG 4627 PI (48Vin/5V 9A, 12V 3A 60W) As 12 and 5Vout	One PKB 4713 I (48Vin/12V 6Aout 72W) and one PMC 8518T S (12Vin/5V 10A) or PME 8318L P/S (12Vin/5V 6A). Total power: 72W  Or One PKM 4513E PI (48Vin/12V 4.2Aout 50W) and one PMC 8518T S (12Vin/5V 10A) or PME 8318L P/S (12Vin/5V 6A). Total power: 50W  Or One PKU 4513 PI (48Vin/12V 4.2Aout 50W) and one PME 8318L P/S (12Vin/5V 6A 33W). Total power: 50W	Foot print ↓ Price ↘  Foot print ↘ Price ↘  Foot print ↓ Price ↘

If you have any questions, please do not hesitate to contact the undersigned.

Best regards,

Anders Wägmark

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