

Prepared (Subject resp) jidgezou George Zou		No. FPM-ext-2022:60	
Approved (Document resp) jiddxia David Xie	Checked David	Date 11/29/2022	Rev B

*For Your Information**Receiver*

Sales and FAE world-wide

All of customers

Product Discontinuation Notice - PME, PMF, PMG products

DC/DC converter technology and components continuously evolves, offering smaller and more cost-efficient products with better performance to renew old product portfolio. Several critical component suppliers decided to discontinue their products which are used in PME, PMF and PMG products.

Flex Power Modules has therefore taken the decision to discontinue PME, PMF and PMG products.

PME4118T*

Input: 2.95 – 3.65 V

Output: 0.8 – 2.5 V / 6 A

Power: 6 – 15 W

PME5218T*

Input: 4.5 – 5.5 V

Output: 0.8 - 3.3 V / 6 A

Power: 6 – 21.6 W

PME8118T*

Input: 10.8 – 13.2 V

Output: 0.8 – 1.8 V / 6 A

Power: 4.8 – 10.8 W

PME8318L*

Input: 10.8 – 13.2 V

Output: 1.2 – 5.0 V / 6 A

Power: 7.2 – 30 W

PME8118VxF*

Input: 10.8 – 13.2 V

Output: 0.55 – 1.8 V / 6 A

Power: 3.3 – 10.8 W

* Including all options of SMD (SR) and through hole pin (P).

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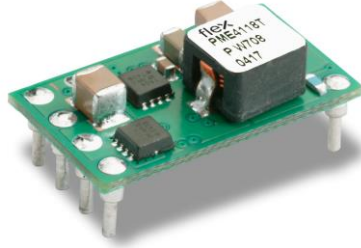


Figure 1 PME product
Size: 22.1 x 12.57 x 8.51 mm (0.87 x 0.5 x 0.36 in.)

PMF4218T*
Input: 2.95 – 3.65 V
Output: 1.0 – 2.5 V / 10 A
Power: 10 – 25 W

PMF8118T*
Input: 10.8 - 13.2 V
Output: 0.8 – 1.8 V / 10 A
Power: 8 – 18 W

PMF8518L*
Input: 10.8 - 13.2 V
Output: 1.2 – 5.0 V / 10 A
Power: 12 – 50 W

* Including all options of SMD (SR) and through hole pin (P).

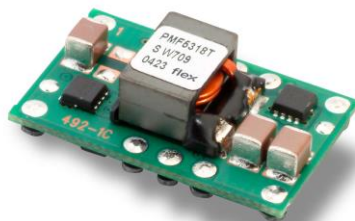


Figure 2 PMF product
Size: 25.27 x 15.75 x 9.0 mm (1.0 x 0.62 x 0.35 in.)

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PMG4318T*

Input: 2.95 – 3.65 V

Output: 1.0 – 2.5 V / 15 A

Power: 15 – 37.5 W

PMG5518T*

Input: 4.5 – 5.5 V

Output: 1.0 – 3.3 V / 15 A

Power: 15 – 54 W

* Including all options of SMD (SR) and through hole pin (P).

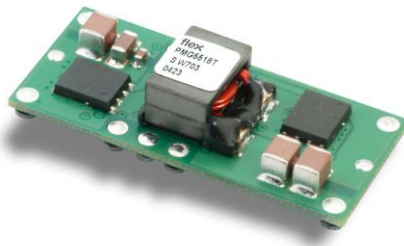


Figure 3 PMG product
Size: 52 x 26.7x 9.07 mm (2.05 x 1.05 x 0.357 in.)

PME:

The last date for placing orders will be Jun 30th, 2023

The last date for the delivery will be Jun 30th, 2024

PMF, PMG:

The last date for placing orders will be Aug 15th, 2023

The last date for the delivery will be Aug 15th, 2024

Please read the respective Technical Specifications and consult with local Field Application Engineer for assistance when introducing the new products.

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PME products potential replacement cross reference table

EOL product				Replacement (non-pinout compatible)		
PN	BMR#	Description	Size mm//inch	PN	Description	Size mm//inch
PME4118T	BMR6424118/1,3	3.3Vi/0.8 - 2.5Vo, 15W	22.1 x 12.57 x 8.51 // 0.87 x 0.5 x 0.36	NA	NA	NA
PME5218T	BMR6425218/1,3	5Vi/0.8 - 3.6Vo, 21.6W		BMR461	4.5-14Vi/0.6-5.0Vo, 30-60W	12.2 x 12.2 x 8.0 // 0.48 x 0.48 x 0.32
PME8118T	BMR6428118/1,3	12Vi/0.8 - 1.8Vo, 10.8W				
PME8118VxF	BMR6428118/1M,3M	12Vi/0.55 - 1.8Vo, 10.8W				
PME8318L	BMR6428318/1,3	12Vi/1.2 - 5.5Vo, 33W		NA	NA	NA

PMF products potential replacement cross reference table

EOL product				Replacement (non-pinout compatible)		
PN	BMR#	Description	Size mm//inch	PN	Description	Size mm//inch
PMF4218T	BMR6434218/1,3	3.3Vi/0.8 - 2.5Vo, 25W	25.27 x 15.75 x 9.0 // 1.0 x 0.62 x 0.35	NA	NA	NA
PMF8118T	BMR6438118/1,3	12Vi/0.8 - 1.8Vo, 18W		BMR461	4.5-14Vi/0.6- 5.0Vo, 30-60W	12.2 x 12.2 x 8.0 // 0.48 x 0.48 x 0.32
PMF8518L	BMR6438518/1,3	12Vi/1.2 - 5.5Vo, 55W				

PMG products potential replacement cross reference table

EOL product				Replacement (non-pinout compatible)		
PN	BMR#	Description	Size mm//inch	PN	Description	Size mm//inch
PMG4318T	BMR6444318/1,3	3.3Vi/0.8 - 2.5Vo, 37.5W	34.8 x 15.75 x 9.0 // 1.37 x 0.62 x 0.35	NA	NA	NA
PMG5518T	BMR6445518/1,3	5Vi/0.8 - 3.6Vo, 54W		BMR461	4.5-14Vi/0.6-5.0Vo, 30-60W	12.2 x 12.2 x 8.0 // 0.48 x 0.48 x 0.32

The optimal replacement product is depending on the actual application and its specific requirements. For more information about the recommended replacement products, see:

BMR461 series products:

<https://flexpowermodules.com/resources/fpm-techspec-bmr461>

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

Best regards,

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