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|--------------------------|---------|-----------------|-----|
| Prepared (Subject resp)  |         | No.             |     |
| jjdkzhou Kevin Zhou      |         | FPM-ext-2022:73 |     |
| Approved (Document resp) | Checked | Date            | Rev |
| jiddxia David Xie        |         | 12/28/2022      | B   |

For Your Information

Receiver

Sales and FAE world-wide

All of Customers

## Product Discontinuation Notice - Last Time Buy of BMR453 series

DC/DC-converter technologies and components continuously evolve, offering smaller and more cost-efficient products with equal or better performance compared to older designs.

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

|                |                    |
|----------------|--------------------|
| BMR4530002/003 | 3.3V, 60A / 198W   |
| BMR4530002/004 | 5V, 60A / 300W     |
| BMR4530000/002 | 9V, 33A / 297W     |
| BMR4530000/001 | 12V, 33A / 396W    |
| BMR4530108/014 | 12.45V, 60A / 711W |

\* BMR453 $n_1n_2n_3n_4/n_5n_6n_7$ , including all options, hardware and related CDAs.

- $n_1 = 0, 1, 2, 3, 4$  and 5.
- $n_2 = 0, 1, 2$ .
- $n_3n_4 = 00, 01, 02, 03, 06, 07, 08$ .
- $n_5n_6n_7 = 001, 002, 003, 004, 007, 008, 009, 010, 012, 013, 014$ .



Figure 1 BMR453 series  
Size LxWxH 57.9x36.8x11.6mm

More information about BMR453 series, see:

[BMR453 • Power Modules • Flex \(flexpowermodules.com\)](https://www.flexpowermodules.com)

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[BMR453 TechnicalSpecification](#)

The last date for placing orders will be **2023-12-31** and the last date for delivery will be **2024-12-31**.

Please read the respective Technical Specifications and consult with the local Field Application Engineer for assistance when introducing the new products. The recommended replacement for the discontinued products has higher performance compared to the respective BMR453 series products.

**BMR453 series potential replacement cross reference table**

| Discontinued PKB product | Vin (V) | Vout (V) | Iout (A) | Replacement    | Vout (V) | Iout (A) | Size |
|--------------------------|---------|----------|----------|----------------|----------|----------|------|
| BMR4530000/002           | 48      | 9        | 33       | BMR4560004/004 | 9        | 35       | QB   |
| BMR4530000/001           | 48      | 12       | 33       | BMR4560004/001 | 12       | 35       | QB   |
| BMR4530007/013           | 48      | 12       | 33       | BMR4560007/013 | 12       | 35       | QB   |
| BMR4530007/014           | 48      | 12.45    | 33       | BMR4560007/014 | 12.45    | 35       | QB   |

The optimal replacement product depends on the actual application and its specific requirements. For more information about the BMR456 products see:

BMR456 products:

[BMR456 TechnicalSpecification \(flexpowermodules.com\)](#)

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

Best regards,

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