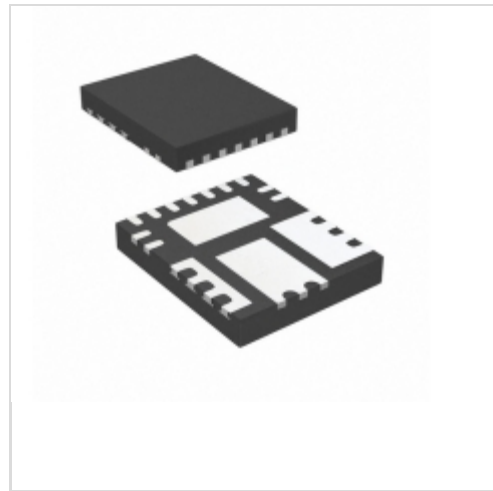


## IR3843WMTR1PBF



**International Rectifier (Infineon Technologies)**

IC REG BUCK ADJ 2A SYNC 15QFN

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Specifications

|                                      |                    |
|--------------------------------------|--------------------|
| <b>Voltage - Output (Min/Fixed):</b> | 0.7V               |
| <b>Voltage - Output (Max):</b>       | 14.4V              |
| <b>Voltage - Input (Min):</b>        | 1.5V               |
| <b>Voltage - Input (Max):</b>        | 16V                |
| <b>Topology:</b>                     | Buck               |
| <b>Synchronous Rectifier:</b>        | Yes                |
| <b>Supplier Device Package:</b>      | PQFN (5x6)         |
| <b>Series:</b>                       | SupIRBuck®         |
| <b>Packaging:</b>                    | Tape & Reel (TR)   |
| <b>Package / Case:</b>               | 15-PowerVQFN       |
| <b>Output Type:</b>                  | Adjustable         |
| <b>Output Configuration:</b>         | Positive           |
| <b>Operating Temperature:</b>        | -40°C ~ 125°C (TJ) |
| <b>Number of Outputs:</b>            | 1                  |
| <b>Mounting Type:</b>                | Surface Mount      |
| <b>Function:</b>                     | Step-Down          |
| <b>Frequency - Switching:</b>        | 225kHz ~ 1.65MHz   |
| <b>Current - Output:</b>             | 2A                 |

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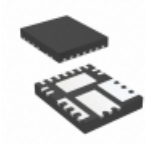
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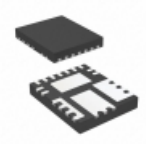
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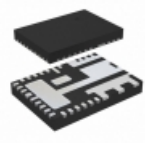
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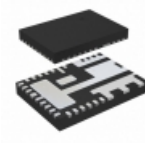
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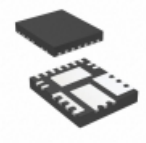
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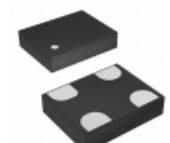
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