



## Vishay Intertechnology Expands Power Transformer Portfolio With New IFBT Series for Flyback Converter Topologies

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### Customizable Flyback Transformers Support Wide 26 V to 72 V Input Range and High Isolation of 1500 VRMS for 60 s

MALVERN, Pa., Aug. 27, 2026 (GLOBE NEWSWIRE) -- Vishay Intertechnology, Inc. (NYSE: VSH) today announced that it has expanded its power transformer line with a new series designed for flyback converter topologies. Featuring 17 devices, the Vishay Dale [IFBT series](#) of customizable, surface-mount flyback transformers is designed to operate with a wide 26 V to 72 V input voltage range at 250 kHz while providing high isolation of 1500 V<sub>RMS</sub> for 60 s from primary and bias windings to secondary.

The devices released today feature multiple windings, allowing for combinations of series and parallel connections to support different voltage and current handling configurations. Along with their wide input voltage range, this flexibility enables output voltages from 1.8 V to 24 V and output currents from 0.5 A to 9.0 A. The RoHS-compliant transformers offer inductance values from 35.0  $\mu$ H to 75.0  $\mu$ H and operate over a temperature range of -40 °C to +125 °C.

IFBT series devices will serve as flyback transformers for 6 W and 30 W PoE designs, as well as isolated DC/DC converters up to 30 W. Typical applications will include automotive lighting LED driver transformers; energy generation, distribution, and management systems; industrial drives, tools, and automation systems; home and building controls; consumer devices; white goods; telecom equipment; and medical instrumentation. For these use cases, the devices' open construction allows for easy modification of the windings to meet specific customer requirements.

#### Device Specification Table:

| Part #             | Ind. $\pm$ 10 % ( $\mu$ H) | L <sub>K</sub> ind. ( $\mu$ H) | DCR max. ( $\Omega$ ) |       |       | Turns ratio |                | I <sub>pk</sub> max. (A) | Output (V / A) |
|--------------------|----------------------------|--------------------------------|-----------------------|-------|-------|-------------|----------------|--------------------------|----------------|
|                    |                            |                                | Pri                   | Sec   | Bias  | Pri:sec     | Pri:bias / aux |                          |                |
| IFBT0709ZIFS061R80 | 75.0                       | 8.40                           | 0.195                 | 0.005 | 0.195 | 1:0.07      | 1:0.36         | 1.3                      | 1.8 / 3.3      |
| IFBT0709ZIFS062R50 | 55.0                       | 4.80                           | 0.095                 | 0.005 | 0.150 | 1:0.08      | 1:0.33         | 1.2                      | 2.5 / 2.4      |
| IFBT0709ZIFS063R30 | 65.0                       | 4.00                           | 0.138                 | 0.007 | 0.180 | 1:0.11      | 1:0.36         | 1.2                      | 3.3 / 1.8      |
| IFBT0709ZIFS065R00 | 60.0                       | 2.45                           | 0.130                 | 0.009 | 0.165 | 1:0.15      | 1:0.36         | 1.1                      | 5.0 / 1.2      |
| IFBT0709ZIFS061200 | 50.0                       | 0.76                           | 0.095                 | 0.017 | 0.150 | 1:0.15      | 1:0.35         | 1.1                      | 12 / 0.5       |
| IFBT0709ZIFS131R80 | 45.0                       | 8.00                           | 0.195                 | 0.005 | 0.195 | 1:0.07      | 1:0.36         | 2.3                      | 1.8 / 7.2      |
| IFBT0709ZIFS132R50 | 35.0                       | 4.40                           | 0.095                 | 0.005 | 0.150 | 1:0.08      | 1:0.33         | 2.2                      | 2.5 / 5.2      |
| IFBT0709ZIFS133R30 | 40.0                       | 3.50                           | 0.138                 | 0.007 | 0.180 | 1:0.11      | 1:0.36         | 2.2                      | 3.3 / 3.9      |
| IFBT0709ZIFS135R00 | 40.0                       | 2.00                           | 0.130                 | 0.009 | 0.165 | 1:0.15      | 1:0.35         | 2.1                      | 5.0 / 2.6      |
| IFBT0709ZIFS131200 | 35.0                       | 0.65                           | 0.095                 | 0.017 | 0.150 | 1:0.35      | 1:0.35         | 2.0                      | 12 / 1.1       |
| IFBT0709ZIFS132000 | 37.0                       | 0.43                           | 0.085                 | 0.025 | 0.150 | 1:0.57      | 1:0.35         | 2.0                      | 19.5 / 0.67    |
| IFBT0709ZIFS132400 | 37.0                       | 0.43                           | 0.086                 | 0.049 | 0.150 | 1:0.57      | 1:0.33         | 2.0                      | 24 / 0.54      |
| IFBT0912ABFS303R30 | 42.0                       | 3.15                           | 0.072                 | 0.003 | 0.235 | 1:0.09      | 1:0.33         | 2.6                      | 3.3 / 9.0      |
| IFBT0912ABFS305R00 | 42.0                       | 1.70                           | 0.071                 | 0.006 | 0.240 | 1:0.14      | 1:0.33         | 2.6                      | 5.0 / 6.0      |
| IFBT0912ABFS301200 | 42.0                       | 0.56                           | 0.063                 | 0.017 | 0.205 | 1:0.33      | 1:0.33         | 2.6                      | 12 / 2.5       |
| IFBT0912ABFS302000 | 42.0                       | 0.44                           | 0.062                 | 0.038 | 0.205 | 1:0.56      | 1:0.33         | 2.6                      | 19.5 / 1.5     |
| IFBT0912ABFS302400 | 42.0                       | 0.33                           | 0.062                 | 0.057 | 0.205 | 1:0.67      | 1:0.33         | 2.6                      | 24 / 1.25      |

Samples and production quantities of the IFBT series are available now, with lead times of 10 to 12 weeks.

Vishay manufactures one of the world's largest portfolios of discrete semiconductors and passive electronic components that are essential to innovative designs in the automotive, industrial, computing, consumer, telecommunications, military, aerospace, and medical markets. Serving customers worldwide, Vishay is **The DNA of tech**®. Vishay Intertechnology, Inc. is a Fortune 1000 Company listed on the NYSE (VSH). More on Vishay at [www.Vishay.com](http://www.Vishay.com).

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#### Links to product datasheets:

<http://www.vishay.com/ppg234696> (IFBT)

#### Link to product photo:

<https://www.flickr.com/photos/vishay/albums/72177720335122677>

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