

Fly-Buck™ Transformer Selection Guide

Find the right Fly-Buck transformer for your design

Fly-Buck™ Transformer List

Vendor	Transformer Part Number	Lpri (µH)	Llk (µH)	Turns Ratio	PMP/TI Design #
Würth-Midcom	750314442	45	0.93	1:0.48:0.48:0.96:0.96	PMP9478
Würth-Midcom	750314461	45	0.35	1:0.52:0.52:1.56	PMP10558
Würth-Midcom	750314459	45	1	1:0.56:0.56:0.72:0.72	PMP10543
Würth-Midcom	750314460	45	0.91	1:0.56:0.56:1.28:1.28	PMP10535.3
Würth-Midcom	750314462	45	0.45	1:0.56:1.24:1.24	PMP10558
Würth-Midcom	750314624	60	0.4	1:0.93:0.93:1.62:1.62	TIDA00174
Würth-Midcom	750314441	80	1.5	1:0.389:2.56	TIDA-00129
Coilcraft	LPD5030V-333ME	33	–	1:1	LM5017 EVM
Würth-Midcom	750342304	260	8	1:1	TIDA-00018
Würth-Midcom	750311880	2.5	0.125	1:1	TPS55010EVM
Würth-Midcom	750312750	23	0.2	1:1	LM34927EVAL
Würth-Midcom	750342156	66	1.5	1:1:1	TIDA-00123
Würth-Midcom	750314463	45	0.45	1:1.16:1.16:2.36	PMP10558
Würth-Midcom	750314226	33.8	0.15	1:2:2	PMP9317
Würth-Midcom	750315038	36.5	0.3	1:2.33:2.33:2.33:2.33	TIDA-00199
Würth-Midcom	750311780	2	0.08	1:8	TPS55010 Dual Output EVM
Würth-Midcom	750314597	60	0.6	1.5:1	LM5160A Fly-Buck EVM
Premier Magnetics	TSD-3425	50	–	1.5:1	PMP7993
Premier Magnetics	TSD-3424	50	–	1.5:1:2	PMP7993
Würth-Midcom	750342178	50	2	1.55:1.55:1.935:1.935:1	TIDA-00118, TIDA-00119, TIDA-00017
Würth-Midcom	760390015	475	–	2:1	TIDA-00123
Premier Magnetics	TSD-3426	50	–	2:1	PMP7993
Würth-Midcom	750314225	50	0.4	3:2:2	PMP9316
Würth-Midcom	750313995	50	0.13	3:2:2:4:4	PMP7993
Würth-Midcom	750315039	40	0.3	6:4:11:11	PMP10532

Read the Power Tips article [How to Pick the Right Turns Ratio for a Fly-Buck Converter](#) in EE Times

Read a companion article Product How-to:

[Fly-Buck adds well-regulated isolated outputs to a buck without optocouplers](#) in EDN Magazine.

For additional Fly-Buck design resources, visit ti.com/fly-buck

For more information on using a Fly-Buck in high-power applications, visit ti.com/widevinindustrial

To start your custom power supply design, go to ti.com/webench



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