

# Speedy Design Service

## Order Form

**Midcom**


Please complete and e-mail to [speedy@we-online.com](mailto:speedy@we-online.com) or fax to Würth Electronics Midcom Inc. +1 605-886-4486.  
**Only include the specifications you require.**

### Company Information

Company \_\_\_\_\_  
 Department \_\_\_\_\_  
 Name \_\_\_\_\_  
 Street \_\_\_\_\_  
 City / State \_\_\_\_\_  
 Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

**Payment Type**  Purchase Order (# \_\_\_\_\_)  
 Credit Card (Visa, MasterCard, American Express)

**Service Ordered**  ship next day  
 ship 3 days  
 ship 7 days

**Application** If product safety is an issue, please contact us immediately for technical consultation. Our products are not designed for aviation, medical, automotive or life supporting devices. Such applications require our written approval prior to use.

IC Manufacturer \_\_\_\_\_

IC Number/Name \_\_\_\_\_

Application/Project Name \_\_\_\_\_

**Target Price** \_\_\_\_\_

**Estimated Annual Usage** \_\_\_\_\_

**Start of Production** \_\_\_\_\_

**Specification** Complete only those specifications of interest and number in order of priority.

Package Style:

EP5  EP7  EP10  EP13  EPX7  EPX9  ER9.5  ER11.5  ER14.5  EFD15  EFD20  EFD25  EF12.6  EE13  EE16  EF16  EF20  EF25  ER28

General Specifications	Value	Priority*
Primary Inductance ( $\mu$ H)		
Current in Primary (A)		
Turns Ratio		
Leakage Inductance ( $\mu$ H)		

Telecom Parts	Value	Priority*
Frequency Response (dB)		
Return Loss (dB)		
Total Harmonic Distortion (dB)		
Longitudinal Balance (dB)		
Line Impedance ( $\Omega$ )		
Load Impedance ( $\Omega$ )		

\* Priority: Please prioritize the most important specifications with numbers (e.g. 1, 2, 3)

Temperature Range: \_\_\_\_\_

Power Parts	Value	Priority*
Topology		
Total Output Power (W)		
Input Voltage Range (V)		
Operating Frequency (kHz)		
Max. & Min. Duty Cycle		
$V_{AUX}$ (V) indicate PRI or SEC		
$I_{AUX}$ (A)		
$V_{SEC1}$ with $V_{DIODE}$ (V)		
$I_{SEC1}$ (A)		
$V_{SEC2}$ with $V_{DIODE}$ (V)		
$I_{SEC2}$ (A)		

Note: Würth Electronics Midcom Inc. will design to meet the specifications as closely as possible with emphasis given to those parameters with priority. Samples will ship with necessary deviations reported along with the test data.

### Agency Requirements

Regulatory Agencies:  IEC61558  IEC60950  
 Insulation Requirements:  Functional  Functional  
 Basic  Basic  
 Supplementary  Supplementary  
 Reinforced  Reinforced

UL1310  Other \_\_\_\_\_

Dielectric Withstand Voltage \_\_\_\_\_

Working Voltage \_\_\_\_\_

# Speedy Design Service

for Customized Power & Telecom Transformers

**Midcom**



World's fastest sample service for customized transformers

This is how it works:

- 1 Complete Speedy Design Form**  
www.we-online.com/speedy
- 2 Choose your designated Service Option**

Selected Service Time	Price in €	Price in US\$
Ship next day*	300	400
Ship in 3 days*	200	300
Ship in 7 days*	100	150

\* Shipped with FedEx Priority

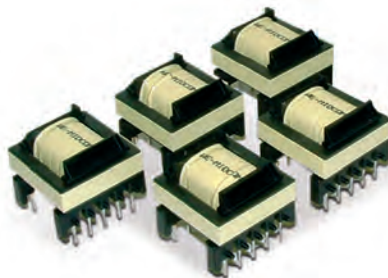
- 3 Send to Wurth Electronics Midcom**

Email: [speedy@we-online.com](mailto:speedy@we-online.com) or

Contact: your local Wurth Electronics Midcom salesperson

- 4 This is what you receive:**

Specification Sheet, Test Data, and 5 Customized Pieces



### What applications are supported?

- Any applications that fit package styles
- Switch Mode Power:
  - Flyback
  - Forward
  - Push-Pull
  - Coupled Inductors
- Telecom Applications:
  - xDSL
  - POTS Splitter Inductors