



**nt**  
magnetics

nuvotem

- Output Chokes
- Drive Transformers
- Control Transformers
- Current Transformers
- Flyback Transformers
- High Current Inductors
- Common Mode Chokes

# *Inductors and Transformers*

## *For Your SMPS Magnetic Requirements*





## Transformers and Inductors for SMPS Applications

A complete range of transformers and Inductors for SMPS applications is available from Talema, produced to your specifications:

- Drive Transformers
- Control Transformers
- Flyback Transformers
- High Current Inductors
- Current Transformers
- Common Mode Chokes
- Output Transformers
- Custom Assemblies

A wide variation of high frequency winding techniques and construction are employed:

- Multi-strand copper
- Foil
- Litz
- Heavy Duty Copper
- Triple Insulated Wire
- Margin Tapes

The Talema design team, consisting of engineering and procurement specialists, can help with:

- Sourcing cost-effective alternative materials
- Requirements for safety standards (e.g., EN60065, EN60950)
- Design Assistance



High capacity in-house production capabilities permit Talema to meet volume requirements for highly competitive ferrite transformers. Based on the most popular ferrite product types and footprints used by equipment manufacturers (RM, EE/EF, EFD/EVD, EI, EP, ER and ETD, P, PT, PTS, PQ and U cores) Talema offers quick turn around on quotation and sample requests, saving time and expense.

TALEMA manufacturing facilities are certified to ISO-9001:2000, TS-16949:2002 and ISO-14001:2004 ensuring the highest quality and full environmental compliance.



Note: The transformers shown on these pages are fully RoHS compliant and meet lead free reflow level J-STD-020C.

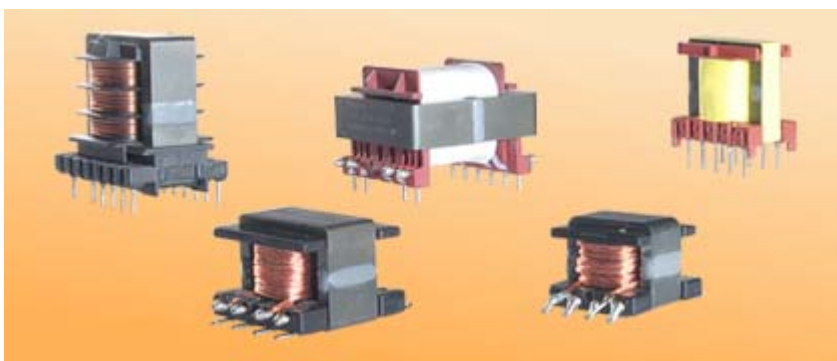
### RM Magnetics

Type: Vertical  
Mounting: THT and SMD  
Range: RM4 - RM14



### EE/EF Magnetics

Type: Vertical & Horizontal  
Mounting: THT and SMD  
Range: EE5 - EE80  
Sections: Single, Double and Multi-chamber



### Terminals:

THT - Available in "L" or Straight Pin versions.

SMD - Available in "L", "J", "U/C" or GW versions.

## Transformers and Inductors for SMPS Applications

### EFD/EVD Magnetics

Type: Horizontal  
Mounting: THT and SMD  
Range: EFD10 - EFD30  
Range: EVD15 - EVD30  
Sections: Single, Double and Multi-chamber



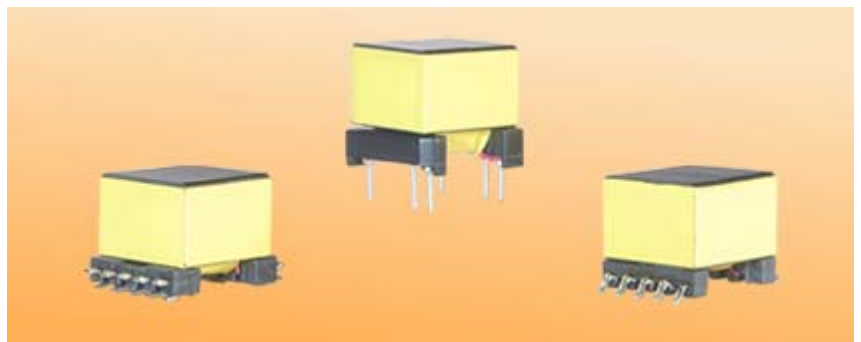
### EI Magnetics

Type: Vertical & Horizontal  
Mounting: THT  
Range: EI16 - EI40



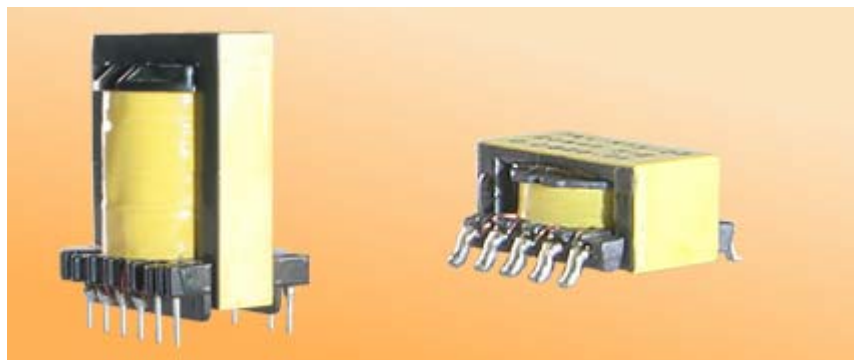
### EP Magnetics

Type: Horizontal  
Mounting: THT and SMD  
Range: EP5 - EP20  
Sections: Single and Double



### ER Magnetics

Type: Vertical & Horizontal  
Mounting: THT and SMD (ER9.5 & ER11)  
Range: ER9.5 - ER54



### ETD Magnetics

Type: Vertical & Horizontal  
Mounting: THT  
Range: ETD29 - ETD59



### Terminals:

THT - Available in "L" or Straight Pin versions.

SMD - Available in "L", "J", "U/C" or GW versions.



## Transformers and Inductors for SMPS Applications

### P Magnetics

Type: Vertical  
Mounting: THT  
Range: P9 - P66



### PT Magnetics

Type: Vertical  
Mounting: THT  
Range: PT14 - PT23



### PTS Magnetics

Type: Vertical  
Mounting: THT  
Range: PTS14 - PTS40



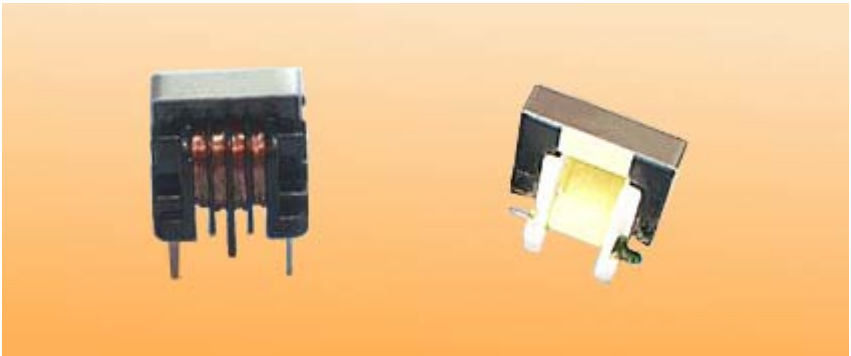
### PQ Magnetics

Type: Vertical  
Mounting: THT  
Range: PQ20 - PQ50



### U Magnetics

Type: Horizontal  
Mounting: THT  
Range: U10 - U30



### Terminals:

THT - Available in "L" or Straight Pin versions.

SMD - Available in "L", "J", "U/C" or GW versions.

## Sales & Marketing, Design and Manufacturing Facilities

<http://www.talema-nuvotem.com>

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