



# CIPSA GROUP

PRINTED CIRCUIT BOARDS . LEITERPLATTEN . CIRCUITS IMPRIMES . CIRCUITOS IMPRESOS . CIRCUITI STAMPATI

## CIPSA TEC INDIA PVT LTD

**Registered office:**

**PLOT NO. 20,  
KIADB INDUSTRIAL AREA,  
DODDABALLAPURA  
BANGALORE 561203  
INDIA**

**PH - +91-80-27630544/45/46**

**FAX: +91-80-27630547**

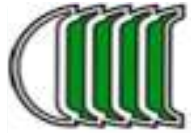
**Website: [www.cipsatec.com](http://www.cipsatec.com)**

**Works:**

**PLOT NO.7 & 8  
HIREHALLI INDUSTRIAL AREA  
TUMKUR DISTRICT - 572168  
INDIA**

**TELEFAX - +91-0816-2243400**





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## **INTRODUCTION**

**Established in DEC 2005**

**Acquired business of RIC, PCB manufacturer in India who started in collaboration with UNICAP, Taiwan in 1987.**

**Partnered with CIPSA, Spain and Tecnomec, Italy (both are leaders in their own countries for manufacturing PCBs)**

**Total GROUP INVESTMENT in INDIA is Euro 15millions (Rs.95crores).**

**STATE OF THE ART SET UP with most sophisticated and modern equipment. ONE OF THE BEST IN THE COUNTRY.**

**Tumkur PLANT was imported from GERMANY (Siemens set-up)**

**PLANT AREA OF 61,500 SQMTRs WITH A BUILT UP AREA OF 15,000 SQMTRs**

**SECOND LARGEST PCB MANUFACTURER IN INDIA**

**THREE TIMES GROWTH IN 4 YEARS (2005 -2009)**



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## Partnered with

### CIPSA – SPAIN

CTRA TERRASSA, RUBI (BARCELONA) SPAIN

PH: +34-93-587-3500, FAX: +34-93-587-2137

Website: [www.cipsacircuits.com](http://www.cipsacircuits.com)

Inception: 1982

Products:

Printed Circuit Boards (up to 12 layers)

Rigid, flex, rigid-flex, metal clad PCBs

Membrane Switches

SMD Stencils

Laser cut plastic boxes

### TECNOMECC – ITALY

Via Melaro, 11 Alte de Montechhio M. (VI)

PH: +39-0444-694333, FAX: +39-0444-698322

Website: [www.pcb-tecnomec.com](http://www.pcb-tecnomec.com)

Inception: 1975

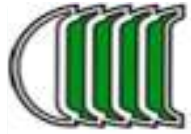
Products:

Printed Circuit Boards (up to 24 layers)

Rigid, flex, rigid-flex, metal clad,

HDI, Blind Buried via PCBs





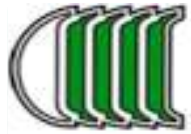
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## Work Force

**VISIONARY MANAGEMENT**  
**16 DESIGNERS**  
**34 ENGINEERS**  
**230 SKILLED MANPOWER**  
**74 SUPPORTING STAFF**



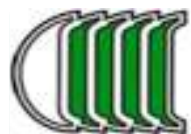


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## PRODUCTS FROM THE GROUP COMPANIES





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## CAPACITY & CAPABILITY

### **CAPACITY:**

**Installed: 16,000sqmtrs**

**Utilisation: 85% at present**

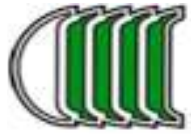
### **CAPABILITY:**

Details	Sample prodn	Volume prodn
PCB type	2 to 8 layers	2 to 6 layers
Material	FR4, CEM3	
PCB thickness	0.8mm to 3.2mm	
Copper thickness	upto 105microns	
TG	Up to 170tg	
CTI	175, 250, >300	
Min tracck width / spacing	0.125/0.125mm	0.15/0.15mm
Min hole diameter	0.25mm	0.30mm
surface finish	HASL, LF HAL, Ch Gold	
Solder mask colour	Green (glossy, matt), White, Black, Blue	
Legend colour	White, Black	
Carbon & Peelable	YES	
Aspect rattoo	06:01	
min annular ring	0.10mm	
min solder mask dam	0.10mm	
hole tolerance	+/-0.05mm	
board tolerance	+/-0.10mm	



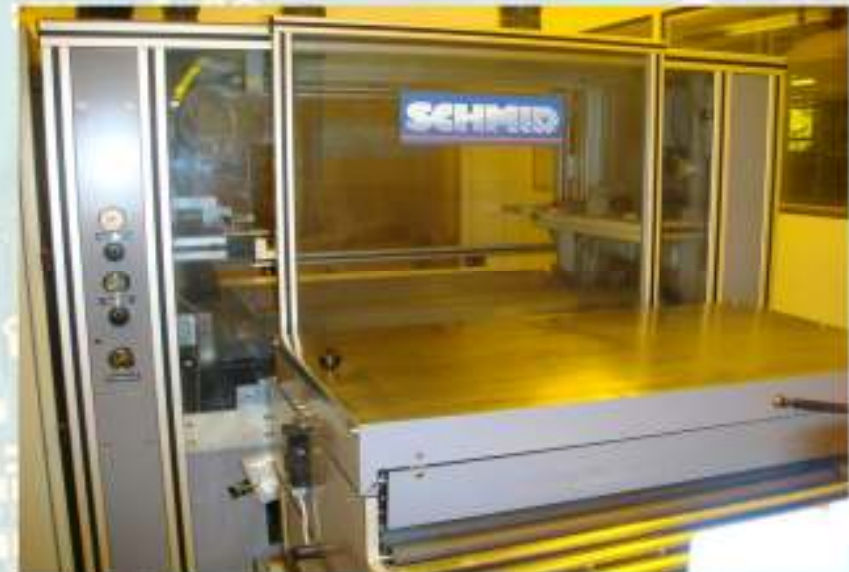
## Facilities

- Drillers – Posalux and Pluritec, up to 160k rpm, 84 spindles
- Exposure – Bacher automatic & OLEC exposures in 10,000 class clean environment.
- Wet process lines – Schmid & IS make
- Plating – PAL with three transporters
- Printers – Erka, Thieme, Circuit Automation
- Hot Air Levelling – Penta and Quicksilver
- Routers – Posalux & Schmoll – 44 spindles
- V-scoring – Telmec & LHMT – Automatic
- Pressing – Cedal and Lauffer
- Bare Board Testers – ATG –automatic & ATG-Flyprobe
- AOI – Arbotec
- RO Plant – TecnA, Italy

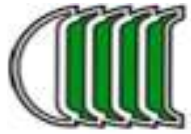


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## Advantages

Support from European partners  
for quick turn services if any  
after sales support if any

Any quantity (Sample, Proto, medium & high volumes)

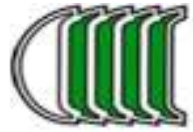
Quick-turn services for your R&D needs (4 to 7 days)

Least lead time – Preferred 3 Weeks

6 weeks including sea transit (anywhere in Europe)

Delivery performance of >96%

Excellent communication



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## *Inputs from the Leaders in the Industry*

Laminates & Prepreg: Isola, NP, King Board, Haulida

Dry film: Du-Pont

Solder mask and other Inks: Electra, UK

Chemistry: Atotec

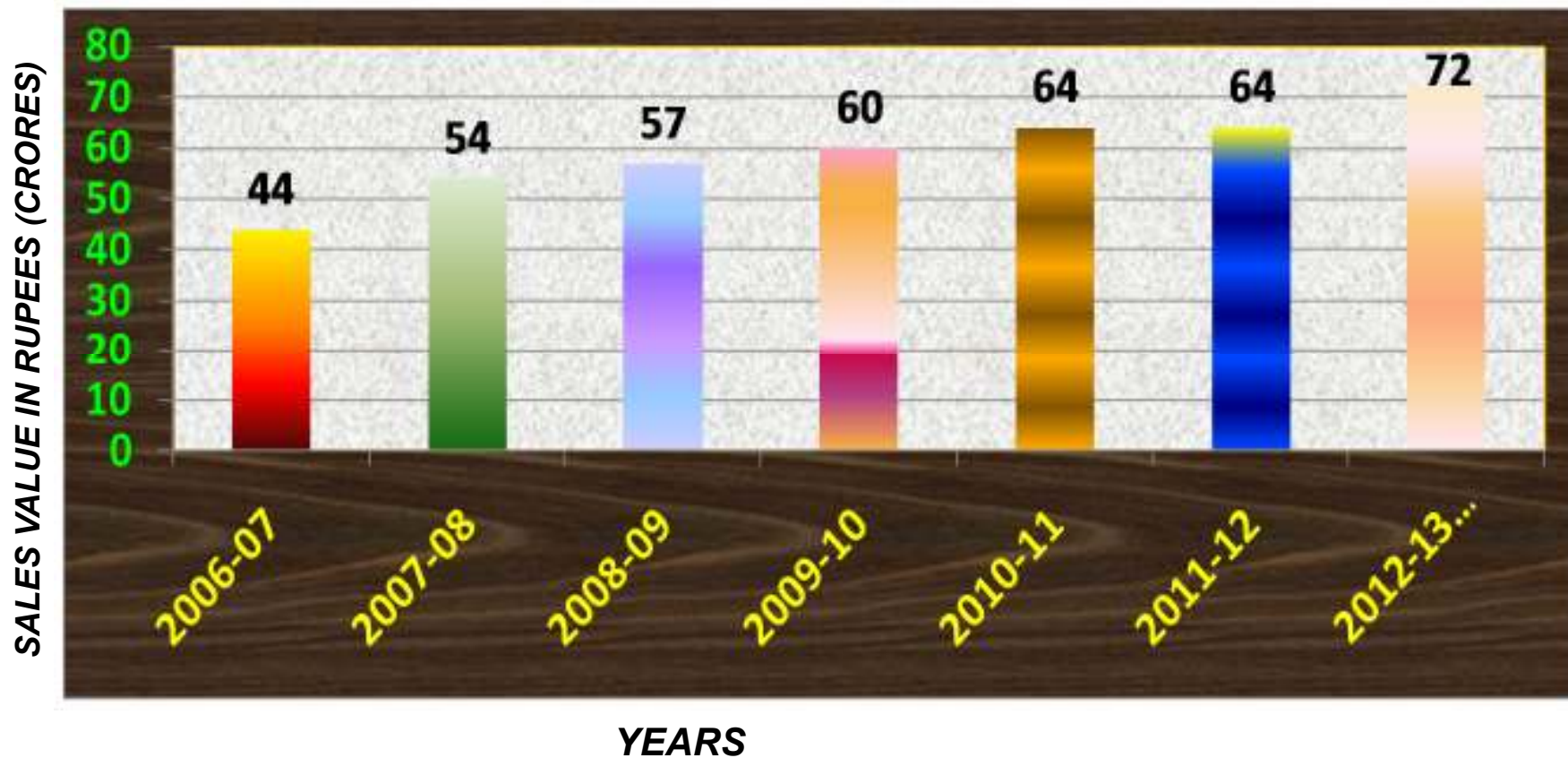
Solder & Lead free: Cookson



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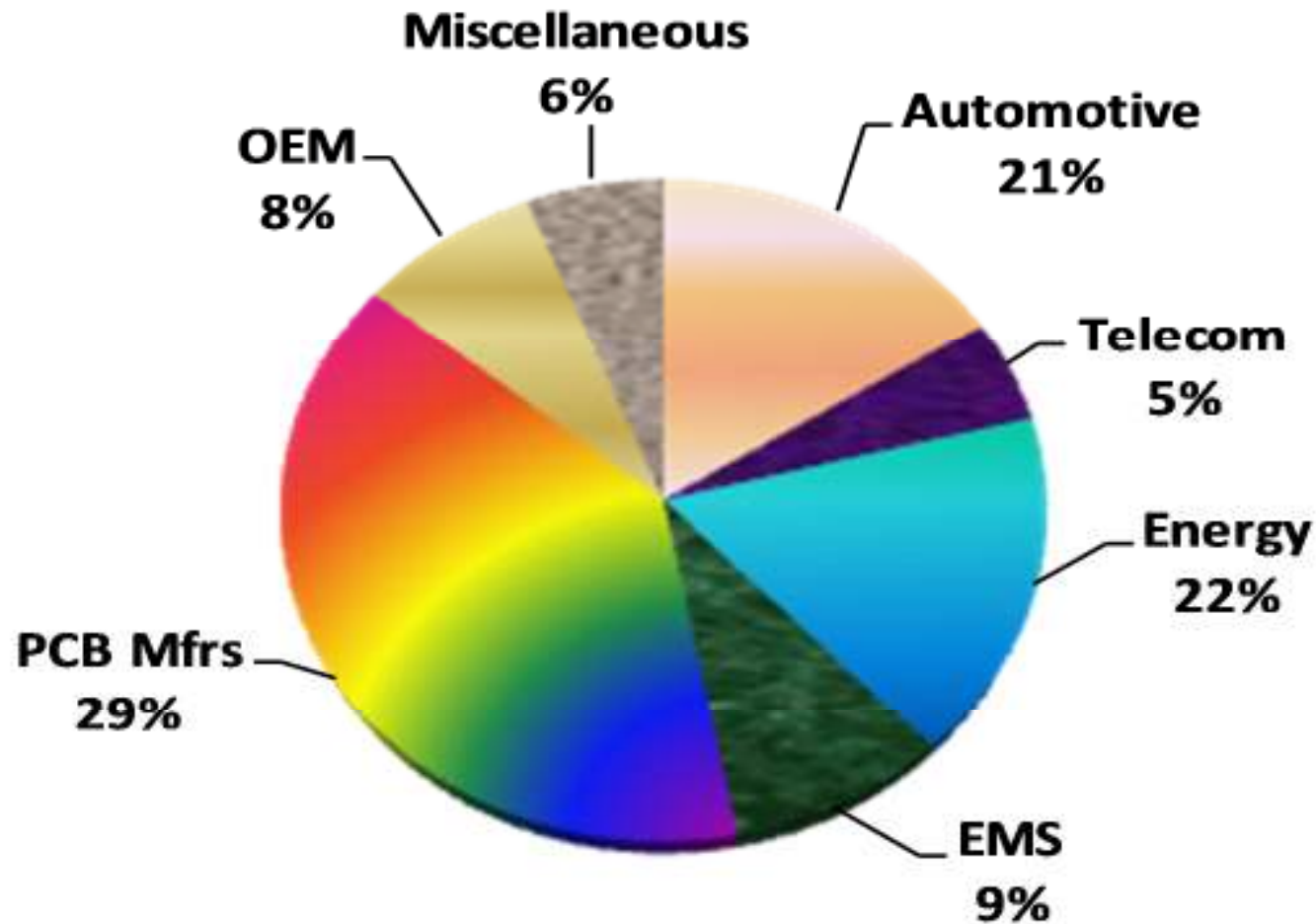
## CIPSA INDIA TURN OVER



**1 MILLION EURO = Rs 6.70 Crs**  
**1 MILLION USD = Rs 5.20 Crs**



## SECTOR-WISE SALES





## CUSTOMERS

### ➤ Automotive:

Pricol, BHTC, Magneti Marelli, Visteon, Delphi. Denso approval awaited

### ➤ Energy:

L&T, Secure Meters, GENUS, EMCO, Crompton Greaves, Capital Power, Su-kam, Amararaja, Incap, APC, Avon meters

### ➤ EMS:

Zollner, E.G.O, ILV, Avalon, Anand Industries, NP, Kinetic, Vinyas, INDIC, SGS, Digital Circuits, Syrma

### ➤ Telecom:

3M & Exicom

### ➤ OEMs:

ECIL & BEL

### ➤ Various PCB manufacturers in Europe



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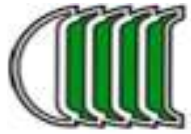
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**CIPSA India – ISO 14001 by 2013**





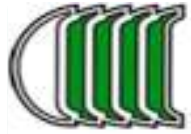


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## AWARDS & CERTIFICATES





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## ***FUTURE***

- Manufacturing up to 12 layers – 2013
- Metal claded PCBs – Aug 2012
- Blind, Buried and HDI PCBs –2013



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**YOUR RELIABLE BUSINESS  
PARTNER**



**THANK YOU**