



## NEW GaBi ELECTRONICS DATABASE

### The most comprehensive environmental database for electronics to date

#### ..THE CHALLENGE

Impending legislation from the EuP, WEEE, RoHS and REACH directives means it is essential that manufacturers of electronic products have material declarations and ecoprofiles at the ready.

With over ten million different components on the market, finding environmental life cycle information on the specific content of **your** electronic product is generally problematical and often impossible.

#### ..THE SOLUTIONS

In the new GaBi electronics extension database, PE INTERNATIONAL and LBP (University of Stuttgart) have managed to create a set of fully-representative life cycle inventories for components, substrates and solder pastes.

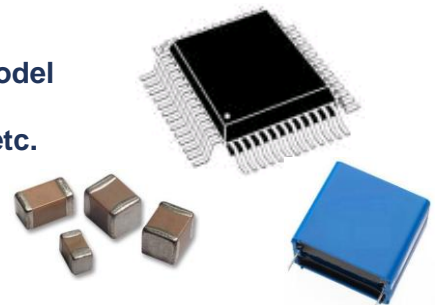
##### Your benefit

- **No more searching for the right datasets for your components – everything you need is here**
- **With minimum effort you can now model any Printed Wiring Board accurately and individually**

In combination with the other GaBi databases, you can now model any power or signal electronic product comprehensively and precisely, from information communication technology (ICT), through whiteware and blackware, to control logic, closed-loop controls and others.

##### Your benefit

- **With these representative datasets you can correctly model any PWB just by looking at it!**
- **No need for a bill of materials, weights of components etc.**



#### ..CONTENTS

##### Life cycle inventories

- Multiple types and sizes of passive and active components (ICs, diodes, transistors etc.)
- Substrates (AuNi and HASL), solders and solder pastes (lead and lead-free)

All inventories cover the materials used and the typical manufacturing processes of the components.

##### Pre-set structures

- Assembly lines for modelling entire production process very easily
- A parameterised component mixer for modelling products - just enter the number and type of components on your PWB and you're done!

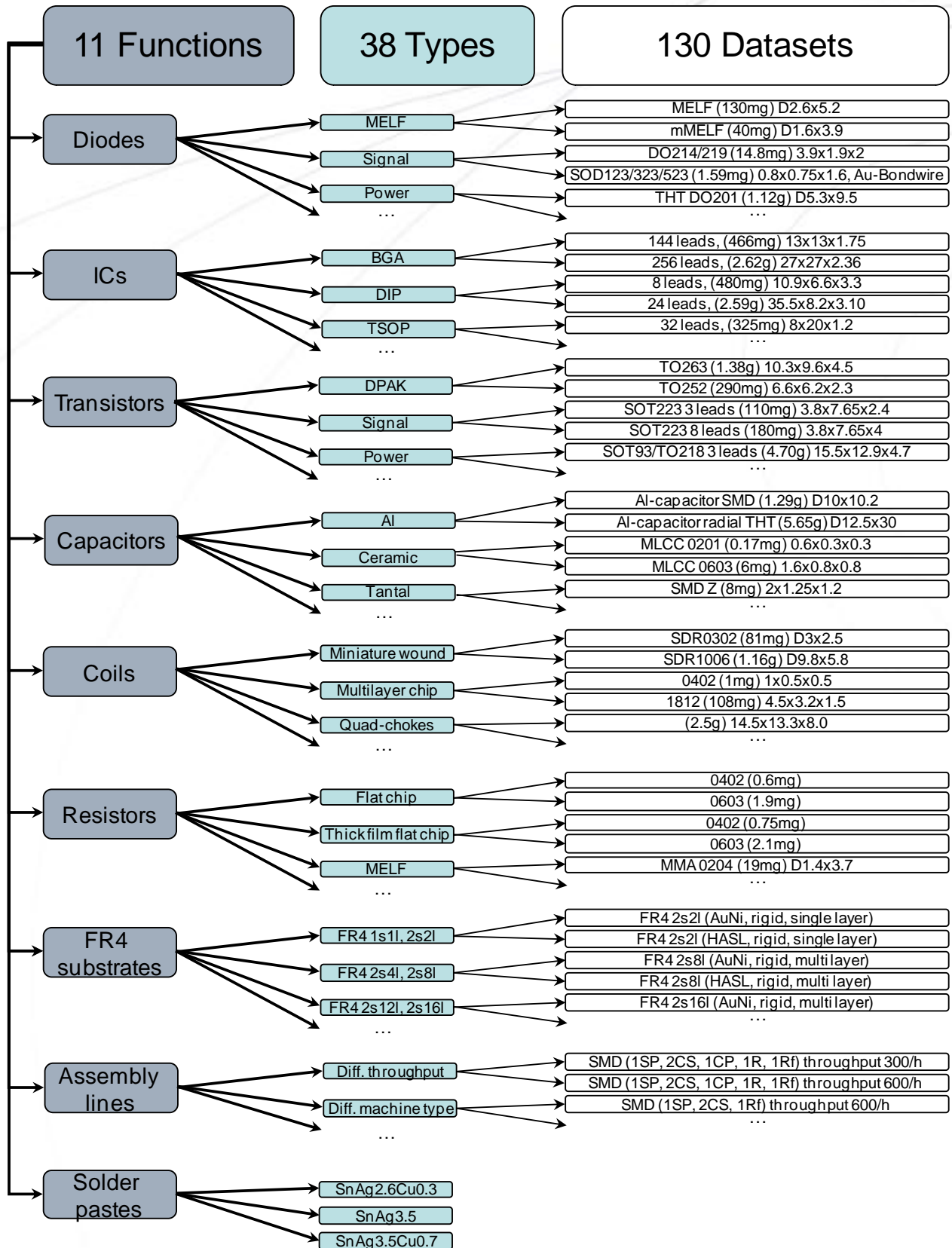
All contents are based on primary data from industry and operating procedures. Each element comes with extensive documentation, including photographs for easy identification of components.

**YOU WILL FIND NO OTHER ENVIRONMENTAL DATA FOR ELECTRONICS THAT IS SO ACCURATE!**



## ..OVERVIEW OF INVENTORY CONTENTS

All components are labelled with name/size/structure and with pictures for easy identification. They are categorised in a simple, consistent structure.



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