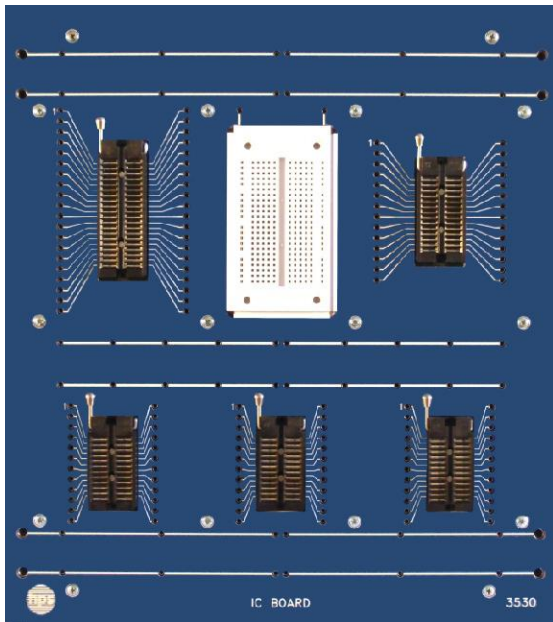




Front view of the IC BOARD

With the IC BOARD hps SystemTechnik offers a universal device ideally suitable for setting up experiments with commercial components in the specialist fields listed below:

- **Basic electronics**
- **Analog technology**
- **Digital technology**
- **Microprocessor technology**
- **Automatic control engineering**
- **Communications**

The following components are arranged on the front panel of the IC BOARD:

- 3 IC sockets (24-pin) for DIL-ICs with quick-action clamp
- 1 IC socket (28-pin) for DIL-ICs with quick-action clamp
- 1 IC socket (40-pin) for DIL-ICs with quick-action clamp
- Bread Board for connecting components like Resistors, LEDs and capacitors. 10 rows, each of it have 23 pins. Diameter of components: 0,4 ... 1,0 mm

- Universal exercise unit for assembling circuits with commercial components
- Fast experiment setup without soldering
- Great flexibility owing to the possibility of connecting any operating voltage
- Universally combinable with external equipment
- Can be used in the whole field of electronics
- Possible interconnection of several

### IC BOARD

Type 3530

The front panel of the IC BOARD has two rows of 2 mm jacks at the top and bottom edges and in the middle. These allow power supply units and measuring devices to be connected and serve as distributors for assembled circuits as well as through-connections to other units or additional IC BOARD.

Each row of jacks is divided in the centre for better exploitation but can be joined by 2 mm plugs.

The upper and lower two rows of jacks are equipped with an additional 4 mm jack on the right and left hand sides for universal adaptation.

The connections of all IC sockets are fed externally through 2 mm jacks so that all the electrical connections of a circuit can be made with 2 mm connecting leads.

To conduct the experiments, the IC BOARD is placed on a table or suspended in an hps rack for demonstration purposes.



## IC BOARD

Type 3530

### Recommended Accessories

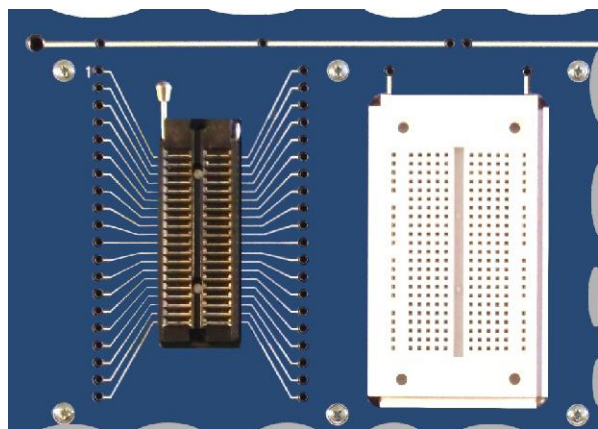
- Set of Accessories  
(Type 3530.1), consisting of connecting leads and plugs

### Mechanical Data

The front panel of the IC BOARD is made of 5 mm thick laminate, matt blue in colour with white printing representing the built-in function groups.

The rear of the Board is protected with a grey plastic cover. Its shape allows the Board to be placed at an ergonomically favourable angle for example on a table.

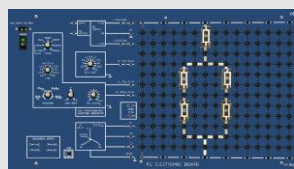
- Dimensions: 266 x 297 x 90 mm  
(w x h x d)
- Weight: approx. 1.25 kg



Bread Board

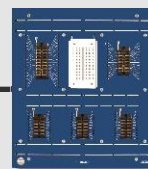
## Fundamentals of Electronics / Analog and Digital Technology

### Possible Combinations of the IC BOARD with Other hps Units



ELECTRONIC BOARD

Type 1018



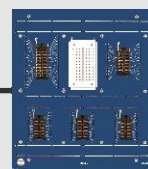
IC BOARD

Type 3530



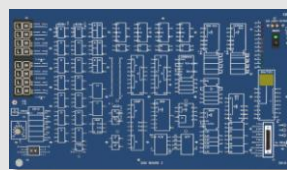
ANALOG BOARD

Type 3220



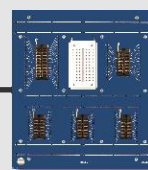
IC BOARD

Type 3530



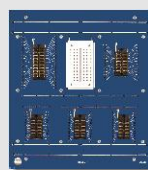
DIGI BOARD 2

Type 3910



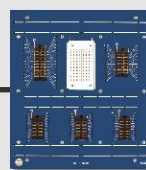
IC BOARD

Type 3530



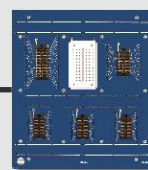
IC BOARD

Type 3530



IC BOARD

Type 3530



IC BOARD

Type 3530

Subject to technical modifications.