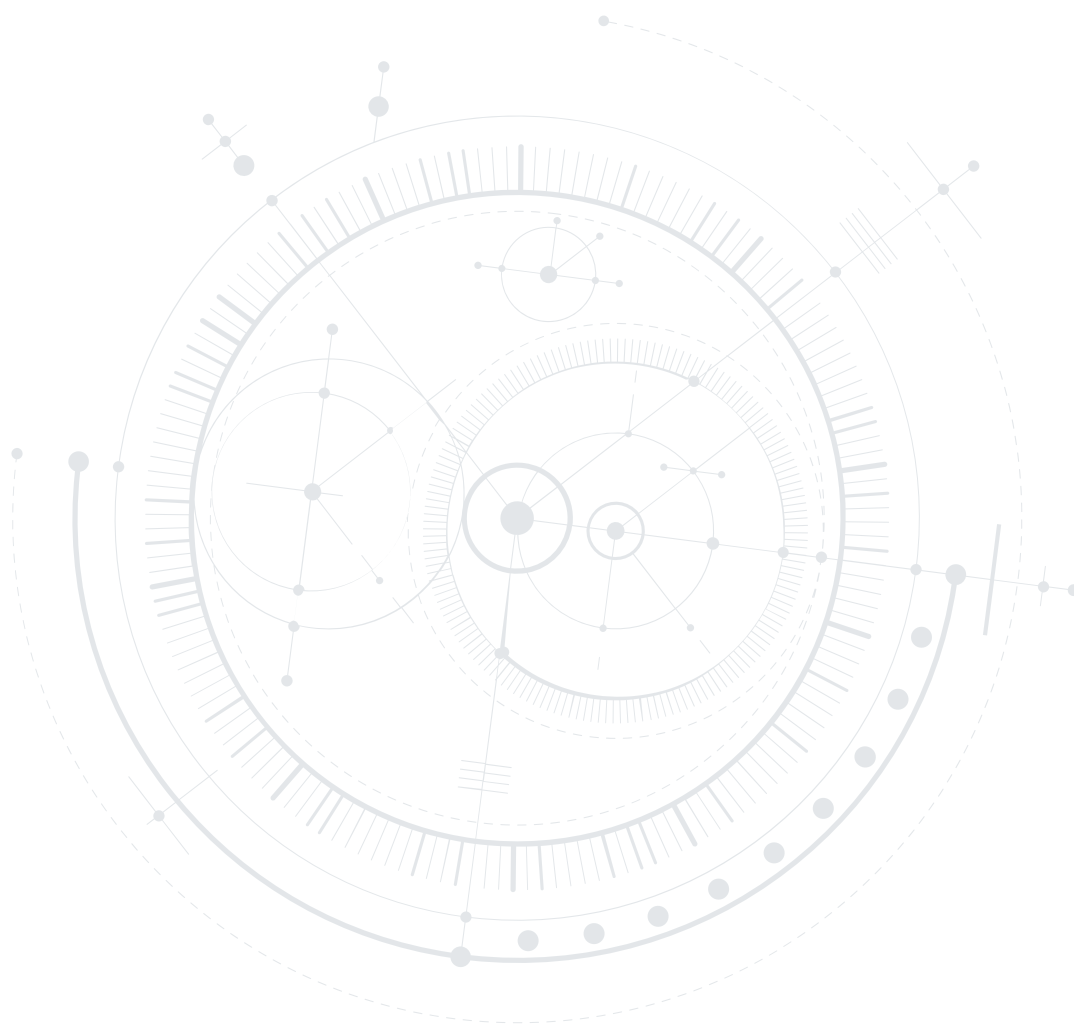# DIGITAL ELECTRONICS TRAINING SET

The Digital Electronics Training Set has been designed to facilitate digital electronics applications in schools offering technical education. The case is made of aluminum profile and composite material. It features hinges that allow the user to lock the case and to remove the lid. It is therefore easy to carry or store away if desired. The ergonomics of the set allow desktop use. The application surface has been printed on epoxy card with electrostatic paint. Technical drawings related to available applications are printed on the surface. Connection is established with 2mm titanium /gold-alloy-plated female metal sockets. Connecting wires feature gold-plated sockets with 2mm springs. The training set is made completely of durable materials.

KZ MEKATRONİK

CORE ASSEMBLY

BASE EXPERIMENTS

- AND gate applications,
- OR gate applications,
- EXOR gate applications,
- NAND gate applications,
- NOR gate applications,
- EXNOR gate applications,
- NOT gate applications,
- Inverter
- RS FLIP FLOP applications,
- Application development area on 250-point breadboard
- JK FLIP FLOP applications,
- D FLIP FLOP applications,
- T FLIP FLOP applications,
- 4-bit binary counter applications,
- Ring counter applications,
- Parallel shift register applications,
- Bidirectional shift register applications,
- 7-bit binary counter,

TECHNİCAL PROPERTİES

- Signal generator comprising 6 constant stages,
- TTL-level square wave output,
- Short circuit protection,
- 12 binary switches with led displays,
- 8 logic position indicators,
- 2 7-segment displays,
- 220V/50Hz power input with fuse protection.