

Item No.: SO4204-5K

Course - Electronics 4: Field effect transistors

Includes:

- 1 Experiment card with FET circuit built using discrete components, modifiable via 2-mm sockets
- CD-ROM with Labsoft browser and course software

Course contents:

- Introduction to the design and function of an FET
- Names for the connections to an FET
- Explanation of the terms n-channel and p-channel
- Investigating gain of an FET in common source and common drain circuits by measurement
- Investigation of an FET with DC and AC negative feedback
- Comparison of the electrical properties of bipolar transistor and FET circuits
- Fault simulation (3 simulated faults activated by relay)
- Course duration 1.5 h approx. (fault finding 30 mins approx.)

