

Portable SKiiP Testbox

What is it for?:

- reduce time for trouble shooting in customer application
- decision assistant for „SKiiP is definitely faulty or probably good“
- test cycle < 5min including setup time
- no dismounting of SKiiP internal components
- less „non faulty“ rejects to Semikron

What is NOT?:

- NO replacement for 100% inhouse functional test
- NO breakdown voltage limits detected ($170V_{max}$)
- NO gate leakage current measurements
- NO thermal resistance, nominal current test ($1,3A_{DC,max}$) , ...



fig 1: prototype

technical details may change without notice



Portable SKiiP Testbox

features

85 - 240V_{AC} wide range Input

SKiiP I / II / III supply +24V; +15V; ±15V

V_{CE} up to 170V
V_F at 1.3A_{DC}

input clock generator

secondary kelvin contacts

4 1/2 digit voltmeter

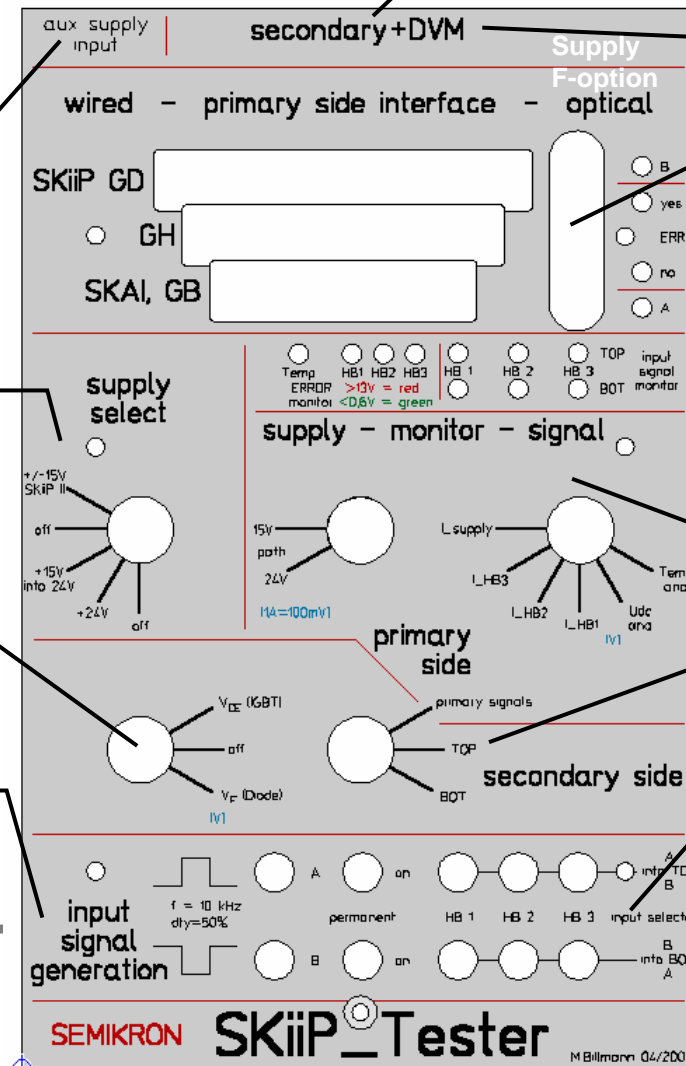
primary optical or wired SKiiP interface

digital I/O status, LED

primary analog monitor

main monitor

selection matrix



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