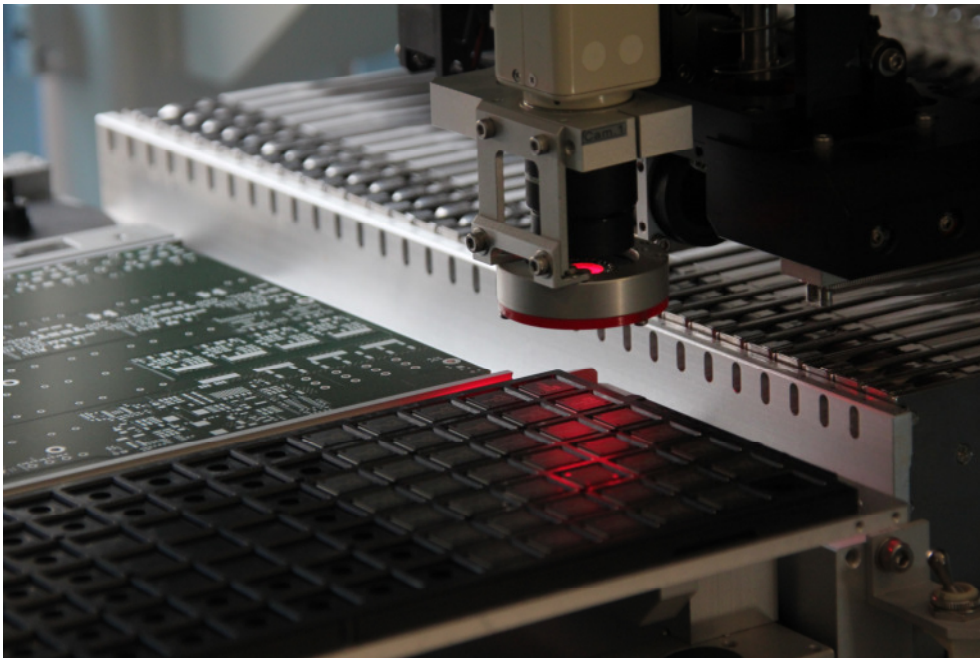


# Assembly Info Days

WEEng GmbH

**Everything you wanted to know about  
PCB Prototype Assembly  
(but were afraid to ask)**



# Details

- Assembly Info Days – PCB Prototype Assembly
  - The Dates in 2023:
    - 27th January
    - 28th April
    - 28th July
    - 27th October
  - Special company group seminars on request
  - Maximum 5 places available
  - Language: German
    - English on request
  - Free lunch and refreshments
  - Speaker: Keith Wilson
    - Managing director WEEng GmbH
  - Location: WEEng GmbH, An der Lände 1c, 92360 Mühlhausen

# Agenda

- Assembly Info Days – PCB Prototype Assembly
  - Welcome 8:00 – 8:15
  - PCB Assembly – Preparation 8:15 – 9:15
    - Bill-Of-Materials
    - Pick & Place file
    - Assembly plan (the good, the bad, the ugly)
    - Gerber files / Panel generation
  - Tea & Coffee break 9:15 – 9:30
  - PCB Assembly – SMD 9:30 – 12:00
    - Component preparation
    - Stencil printing / Solder paste
    - Pick & Place machine / Feeder types
    - Reflow- / Vapour phase oven
    - Design for Manufacturing Tips
  - Lunch 12:00 – 13:00
  - PCB Assembly – THT & Endtest 13:00 – 14:30
    - THT assembly / Chip-/Dual Wave soldering
    - Optical (BGA) / Electrical testing
    - Rework / Component recycling
  - Tea & Coffee break 14:30 – 14:45
  - PCB Assembly – Factory Tour 14:45 – 16:30
    - Pick & Place machines in action
    - Rework machine TQFP replacement
    - Board / Stencil washing machine