PCB DESIGN

Skill Tree: Color in the boxes and level up your skills Use for individuals or as a group by picking a colour each and coloring in a part of the box. Everyone's journey is different and you can interpret the goals flexibly. The aim is to inspire you to learn and try new things. Not everything needs to be completed. (set your own goal) Contribute to Use a reflow oven someone else's open to solder a PCB source project Sell a product on Register a Teach a class on something other design with OSHWA PCB Design than tindie OSHW Use a pick & Design a flex Sell a PCB Z Use a solderpot place machine or flex-rigid PCB online **A** Mill a PCB Design a PCB Design a PCB with a real from a copper sheet with a display time clock Design a PCB Use a BGA Order an Use gold fingers with a speaker Aluminium PCB in a PCB in a design or buzzer Se se Design a PCB Design a PCB **4**) Use 0402 size with a non standard with parts on a PCB **EEPROM** shape Use an Order a PCB Document Use thermal vias Autorouting tool in any colour but your PCB Design in a project Green Design a PCB **22** 0 Design an Use 0603 size including both SMD enclosure for a PCB SMD parts on a PCB and through hole parts Chemically Design a PCB Design a multilayei Use USB in a PCB etch a PCB vourself PCB with more than 2 Badge or business design card **卫**器 Use a hotplate Use a vacuum Use 0805 size to rework a PCB pen to assemble SMD parts on a PCB a PCB Design a PCB Assemble Design with with an embedded . Debug a project with a something with a CMOS or TTL Logic controller with no firmware logic analyzer QFN Get a PCB Use a solder Use an ultrasonic assembled by the paste stencil to cleaner to clean a assemble lots of PCBs factory **PCB** Panelize a Assemble Calculate \$ •••• Debug a project with design with multiple something with a trace width for an oscilloscope parts QFP power capacity Se se Make a design Use ENIG Design an SMD with RGB LEDs **PCB** finish on a PCB υς α 유 Learn SMD Get something Repair a broken component codes wrong and re-order Teach a friend a board how to design a 331 Get something Design a PCB with Order a PCB **PCB** Art on the Silkscreen wrong and apply for the first time a hot fix to the board layer * 82 4 Design **Export Gerber** Create your Use SMD tweezers a simple PCB Files own footprint in a project 0000 × → Use alcohol Desolder / Resolder Find a footprint to clean a PCB Through hole parts on a from a library PCB Watch tutorials ക്കാ Use hot Test a PCB with May 1 രാഗ Import Schematic or read a book on air for soldering a Multimeter file to PCB PCB design software SMD →+ % Install PCB Learn to Learn to Solder design software read a schematic 1 tile = 1 point

> **START HERE**



Total Score

Name: .