Name: \_

## 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) Contribue 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 & Document Sell a PCB Ž/ Use a solderpot place machine your PCB Design on tindie **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 Order an Use a BGA Use gold fingers with a speaker Aluminium PCB in a PCB in a design or buzzer × Design a PCB Use 0402 size Design a PCB with parts on a PCB with a weird shape **EEPROM** Chemically Design a Flex Design a two Use thermal vias etch a PCB yourself sided PCB **PCB** in a project 器旦 × Design a PCB 0 Design an Use 0603 size including both SMD enclosure for a PCB SMD parts on a PCB and through hole parts Design a PCB Design a PCB Design a multilayer Use USB in a PCB with an embedded PCB with more than 2 Badge or business controller layers design card Use a hotplate Use a vacuum Use 0805 size to rework a PCB pen to assemble SMD parts on a PCB a PCB Panelise a Assemble Design with design with multiple something with a CMOS or TTL Logic Debug a project with a parts 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** Assemble Calculate •••• Repair a broken Debug a project with something with a trace width for an oscilloscope QFP power capacity **X** Use ENIG Make a design Use SMD tweezers with RGB LEDs finish on a PCB in a project **%** Use hot 유 Learn SMD Get something air for soldering component codes wrong and re-order Teach a friend SMD a board how to design a 331 **PCB** Get something Hand solder SMD Design an SMD wrong and apply **Parts PCB** a hot fix to the board May 1 Design a PCB Use alcohol Order a PCB Create your Art on the Silkscreen to clean a PCB in any colour but own footprint layer Green 0000 Design a **%** Use an Desolder / Resolder Through-Hole Autorouting tool Through hole parts on a part PCB PCB Order a PCB **Export Gerber** 유 Stall Test a PCB with Import Schematic for the first time Files file to PCB a Multimeter **[ %** → 8 Learn to Learn to Solder Learn PCB Software read a schematic







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