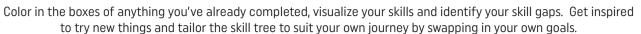


## PCB DESIGN

## Skill Tree: Color in the Boxes





(set your own goal)	(set your own goal)	(set your own goal)
	se a reflow oven \/ someone	ribute to e else's open e project  (set your own goal)
Register a design with OSHWA		Design a 3+ layer PCB
Use a pick & place machine  Mill a PCB	In thex-rigid PCB	Sell a PCB online  Design a PCB with a real
Design a PCB from a copper sheet	with a display	with a real time clock  a a BGA  Use gold fingers
with a speaker or buzzer  Use 0402 size parts on a PCB	Aluminum PCB in  Design a PCB  with	Design a PCB with a non standard
Use an Autorouting tool		shape Order a PCB in any colour but Green
Use 0603 size SMD parts on a PCB	and through hole parts	Design an enclosure for a PCB  Design a PCB
	layers Use a hotplate	B in a PCB Badge or business card Use a vacuum
Design a PCB with an embedded SMD parts on a PCB	Assemble Des CMOS of	ign with or TTL Logic Debug a project with a
Use an ultrasonic cleaner to clean a PCB		Get a PCB assembled by the factory
Panelize a design with multiple parts	omething with a QFP power	culate width for capacity  Debug a project with an oscilloscope
with RGB LEDs Repair a broken	Learn SMD PCB Get so	Use ENIG (@ 333)  omething  Use ENIG  finish on a PCB
Design a PCB with Art on the Silkscreen	a	nd re-order board Get something wrong and apply
Design a simple PCB	FILES	D tweezers project Create your own footprint
Find a footprint from a library  Watch tutorials		Desolder / Resolder Through hole parts on a PCB
or read a book on PCB design software  Install PCB design software	file to DCR	Soldering Test a PCB with a Multimeter  Learn to Solder
design software	Tead a scrientatic	1 tile = 1 point
START HERE  Name:		



Name: