

Make your own Hacker Gadget

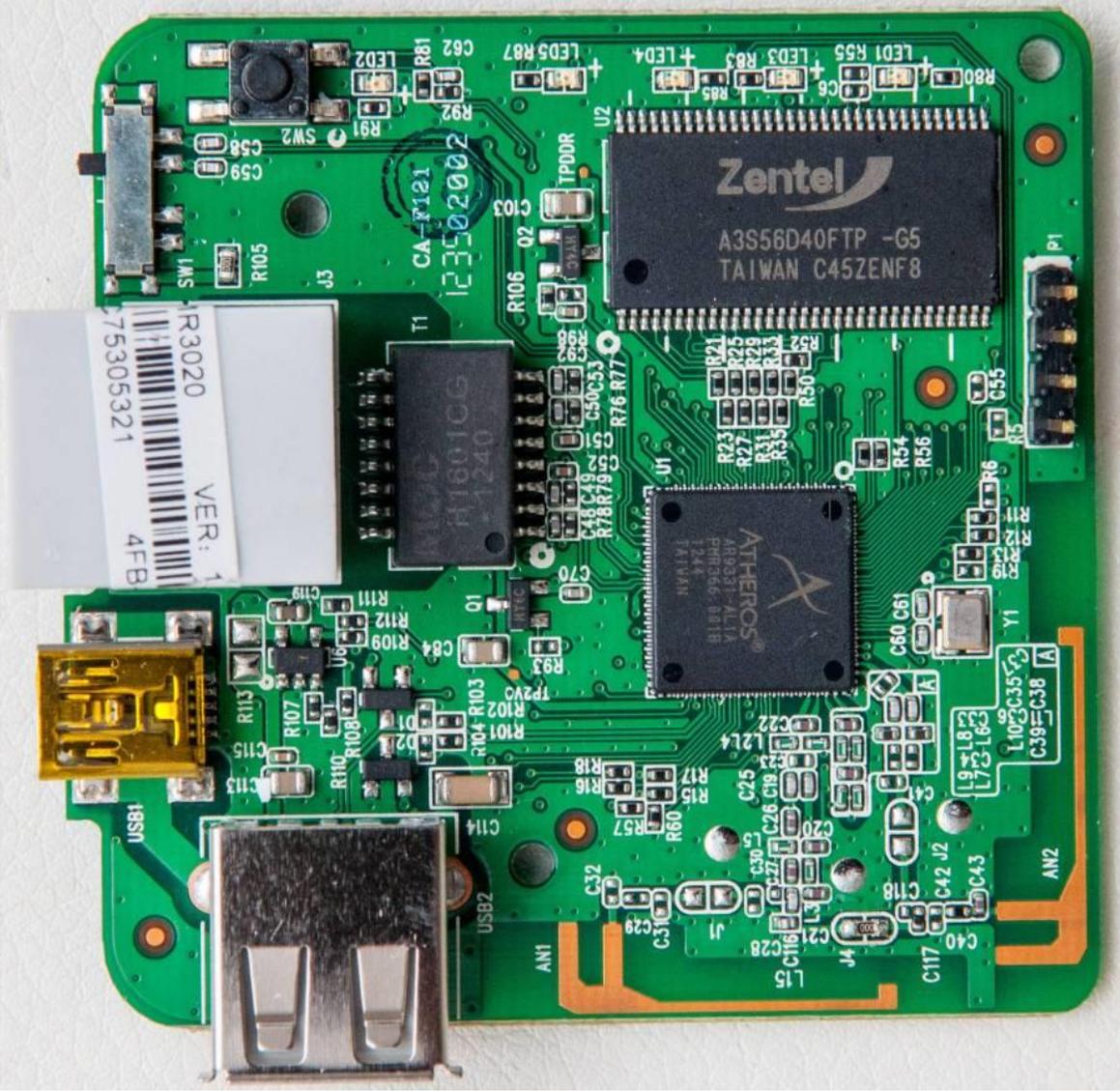
Vivek Ramachandran

Chief Trainer

<http://PentesterAcademy.com>

Accessing Serial Port - Unboxing

What Lies Beneath



Hardware Specifications

Hardware summary	
	IC
Processor	AR7240
Flash ROM	Spansion S25FL032P
SDRAM	Windbond W9425G6JH
	Zentel A3S56D40FTP-G5
Chipset (Wi-Fi controller)	AR9331

Serial Console

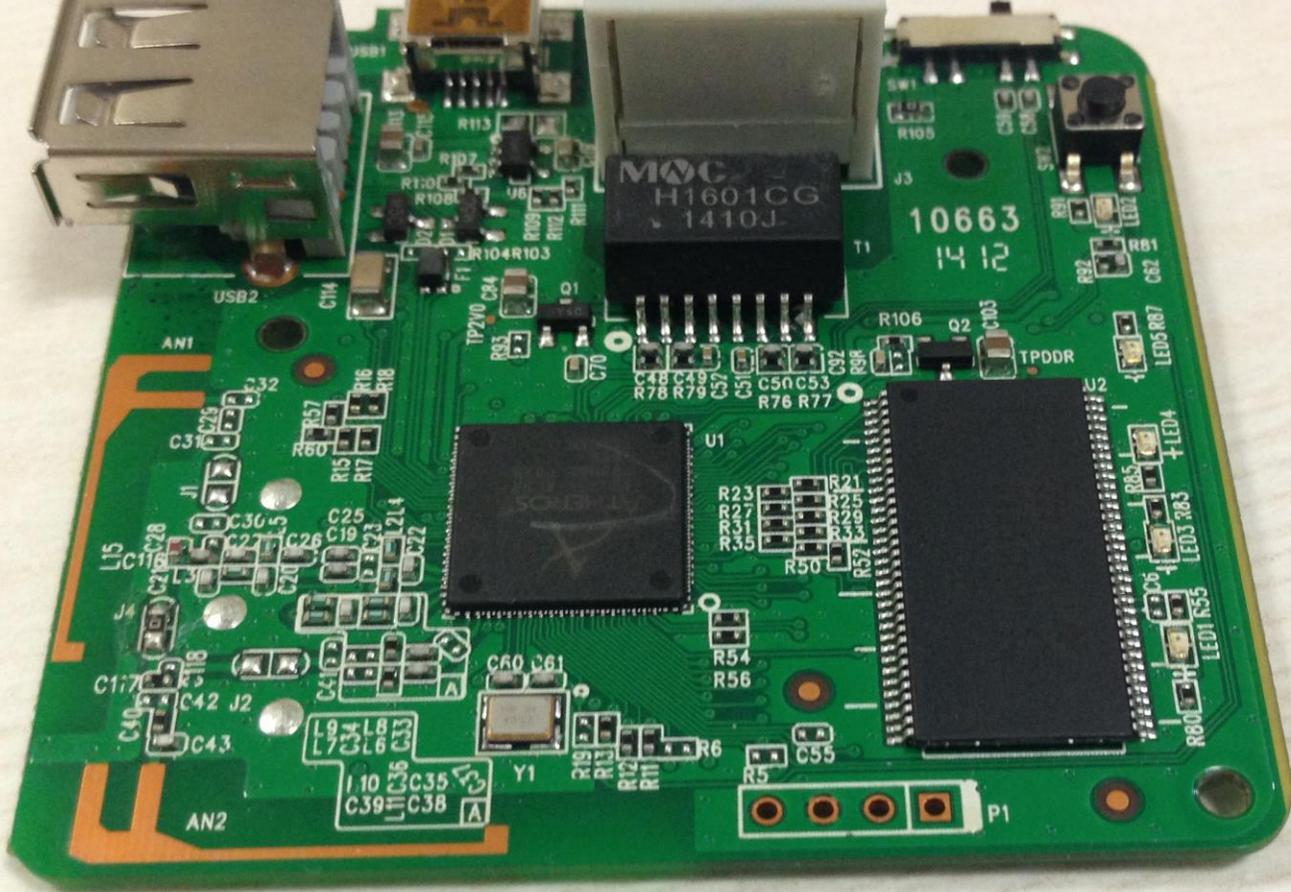
Pinout

1	2	3	4	
TX	RX	GND	VCC	SJ1

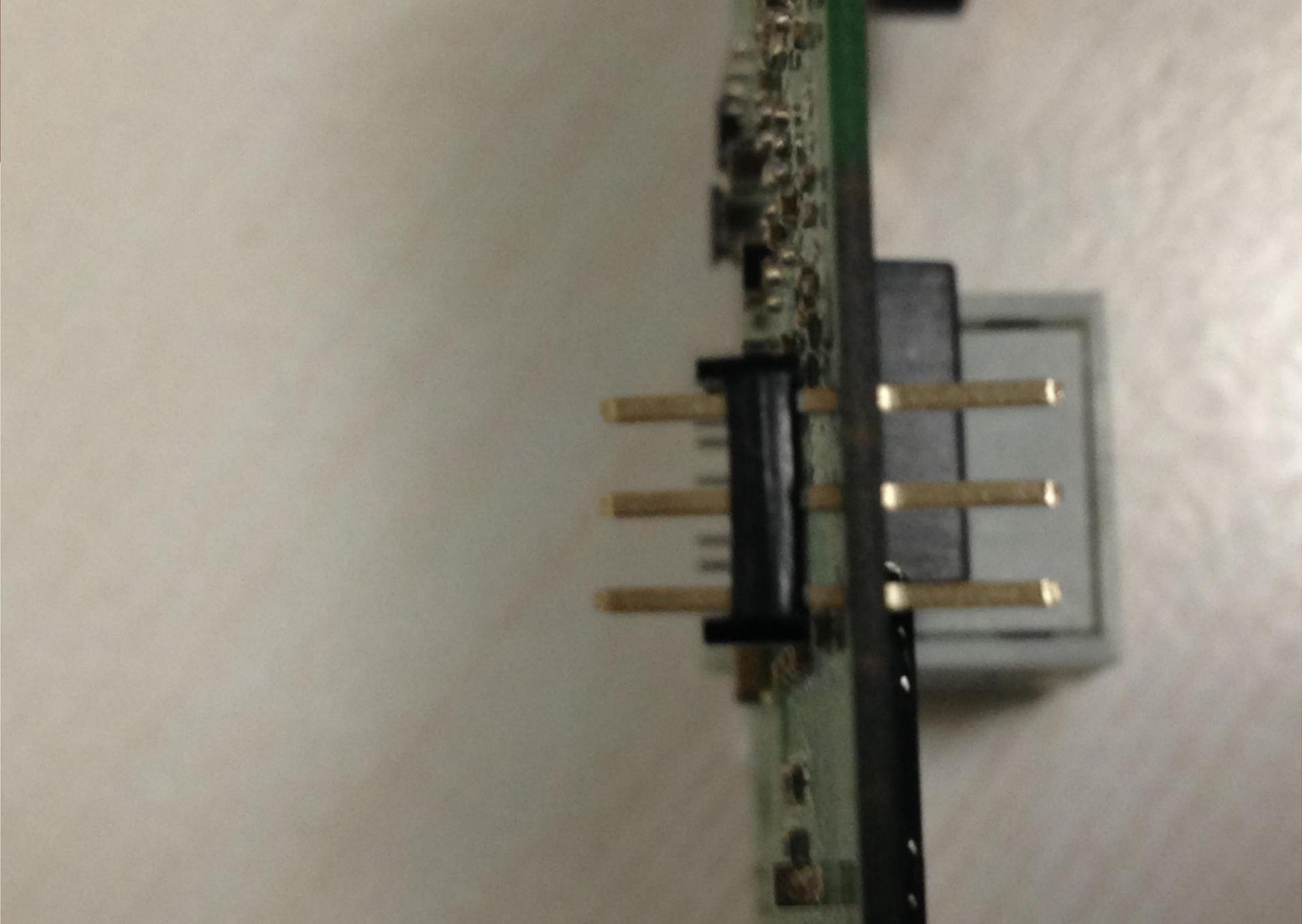
<http://wiki.openwrt.org/toh/tp-link/tl-mr3020#hardware>

Unbox and Get the Circuit Board

- Instructions:
 - <http://wiki.openwrt.org/toh/tp-link/tl-mr3020#opening.the.case>
- Go Slow – you might break the board!





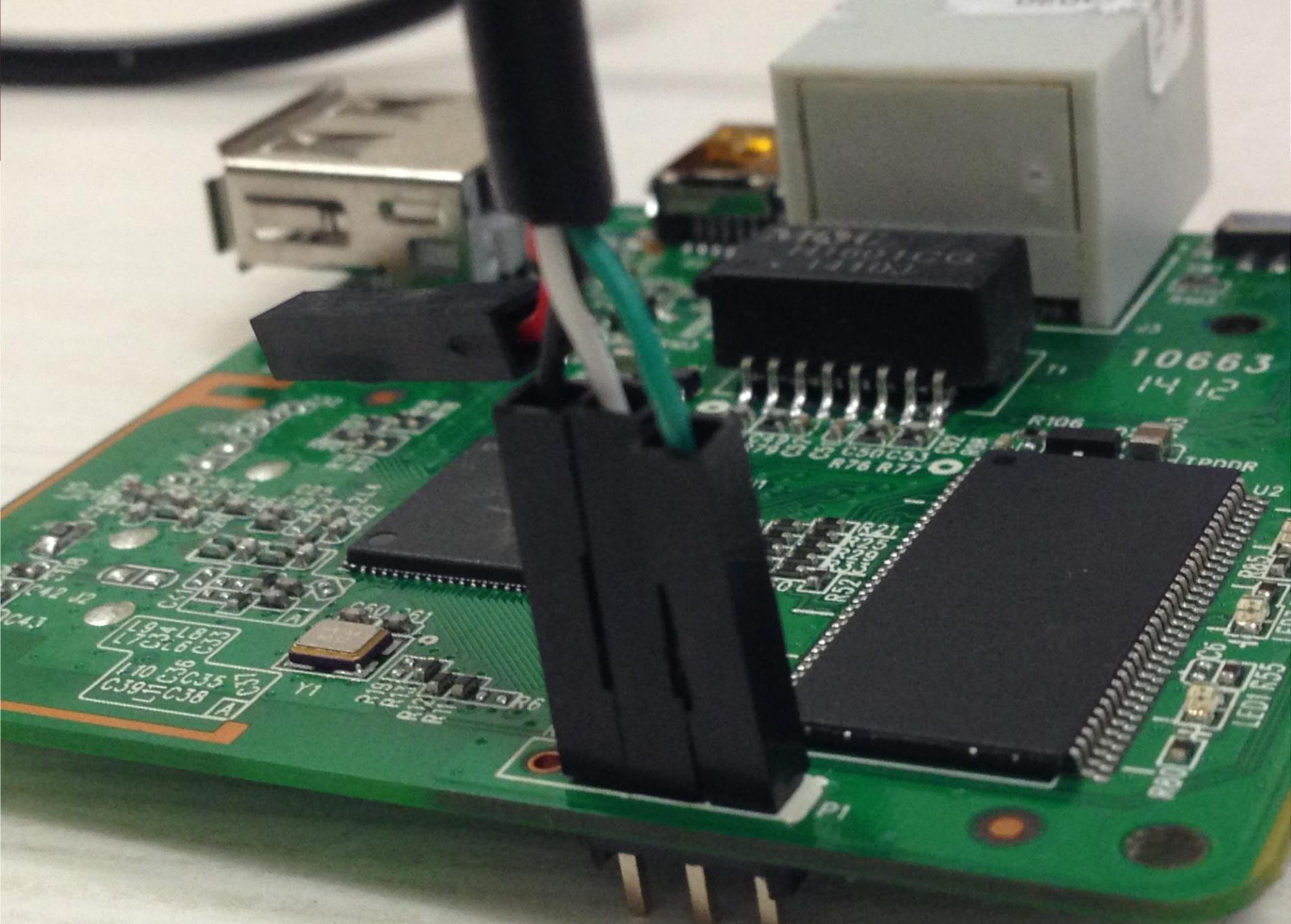


USB to TTL Serial Cable

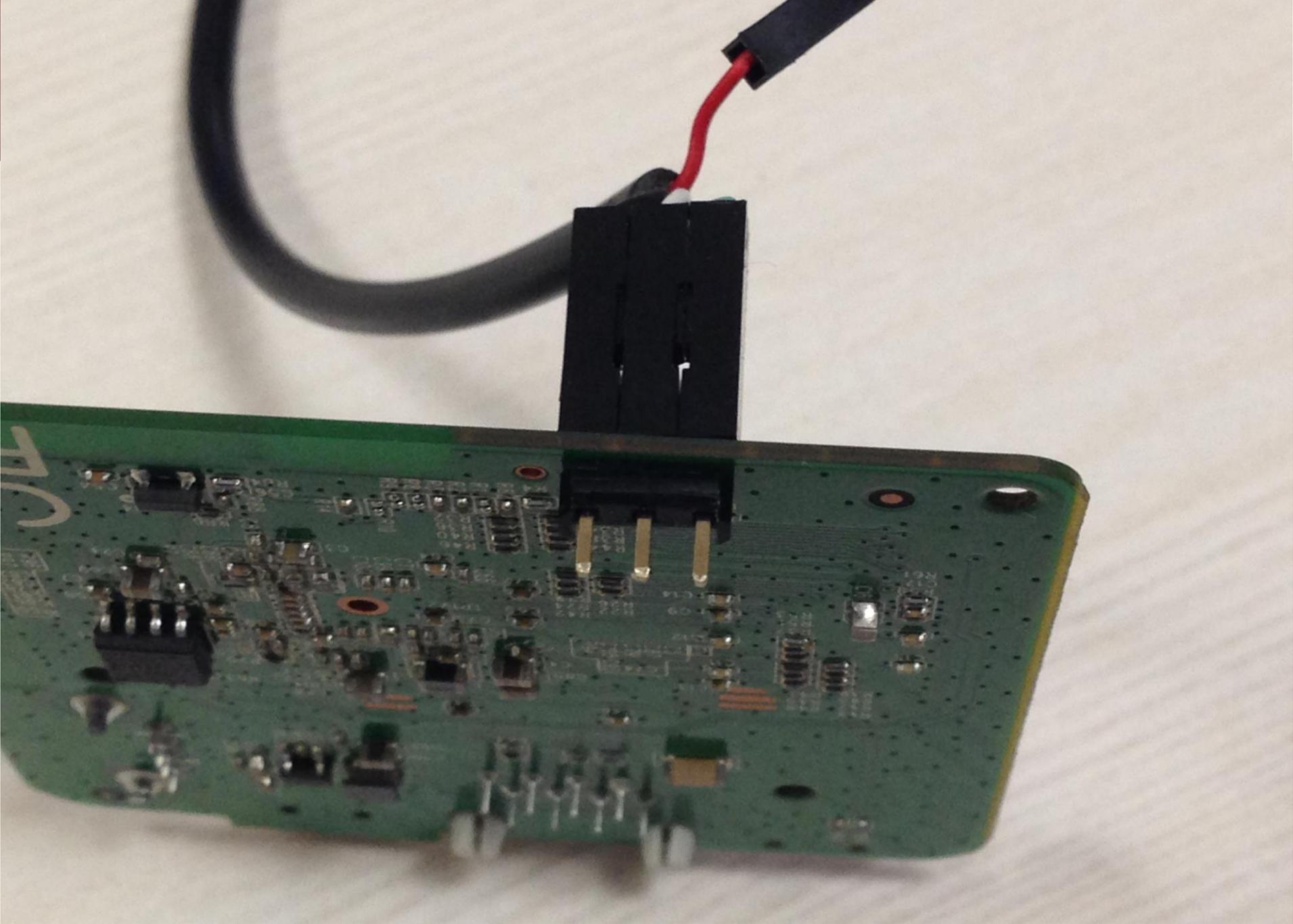


<http://www.adafruit.com/products/954>

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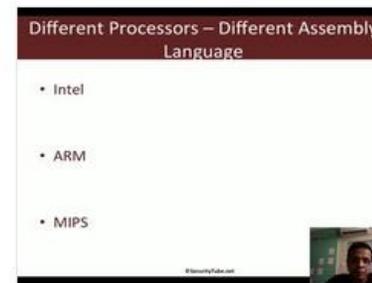
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



Module 1: GDB Test Solution in x86_64 Assembly Language and Shellcoding on Linux



Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux