

USB Mesh Node

Written by Jim Kinter, K5KTF - Last Updated Monday, 22 April 2013 21:59

Wouldnt it be nice to have more storage space on these mesh nodes?

Or maybe to connect a peripheral to do something with?

Along comes the wonders of USB interconnect!

The Broadcom chips HAVE a USB host built in, just waiting to be used !

Linksys/Cisco just didnt bring them out in the older models.

BUT I DID! 🐛

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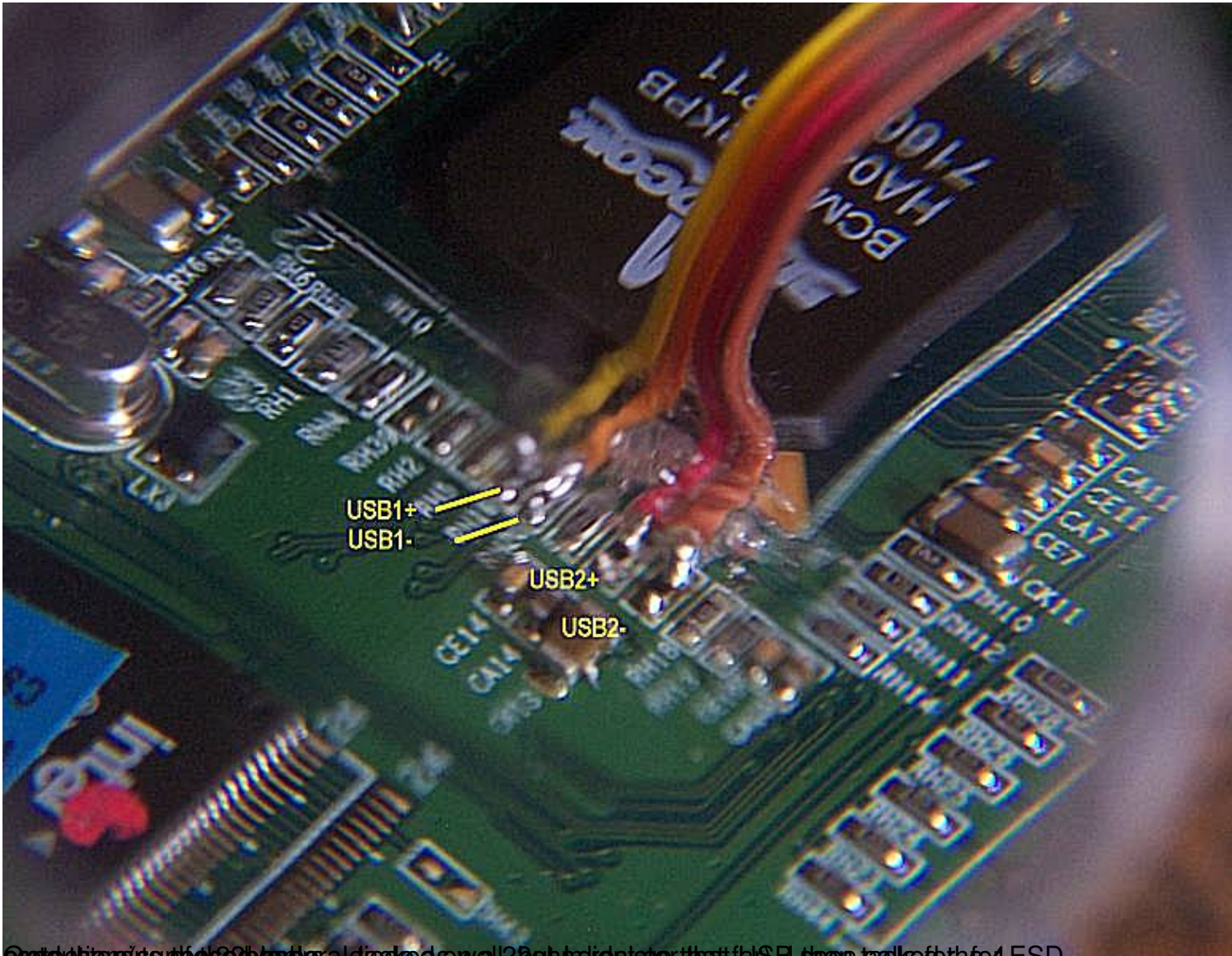
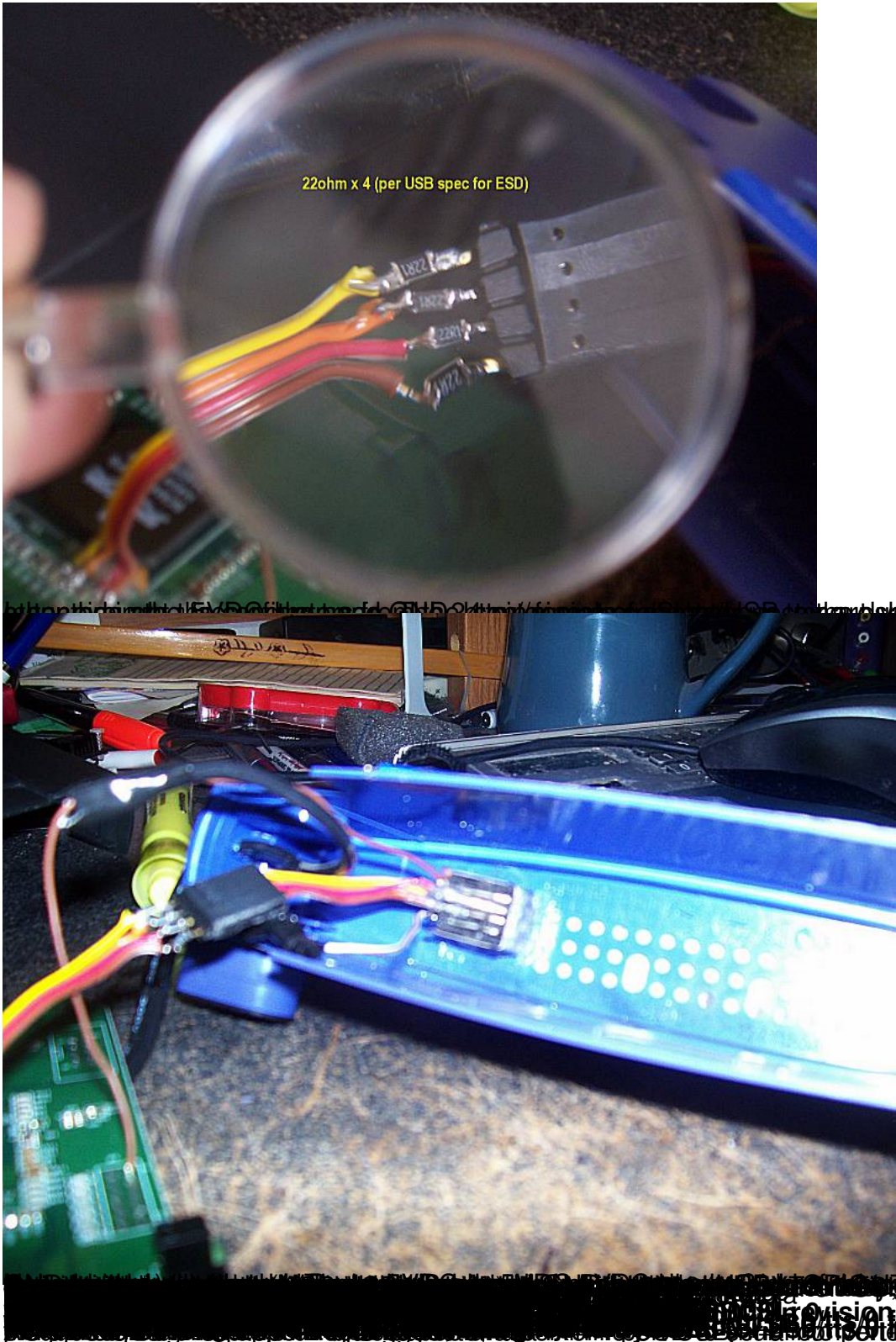


Photo of USB board with labels as well as 220 ohm resistors for that full USB spec talk to the ESD

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<http://www.k5ktf.com/wordpress/wp-content/uploads/2013/04/USB-connection-2>

<http://www.k5ktf.com/wordpress/wp-content/uploads/2013/04/USB-connection-1>

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K5KTF-TunnelHost

your address 10.110.105.105
K5KTF-100

system time Sun Aug 28 2011
15:12:53 UTC

uptime 9:58

load average 0.08, 0.01, 0.00

flash = 276 KB

/tmp = 7068 KB

free space memory = 2056 KB

USB1 = 135385 KB

USB2 = 2701428 KB

~~Jim Kinter, K5KTF, is looking for a 4GB stick, but to come up with a solution, I'd like to see what you think of the USB Mesh Node (and if you have any ideas of what to use the USB~~