






















# WPiCiri tester BOM

from ALIEXPRESS

Picture	Link	Options	Qty for 1x tester
	<a href="https://www.aliexpress.com/item/10pcs-dip-6-10-20-26-34-40-PIN-2-54MM-pitc">https://www.aliexpress.com/item/10pcs-dip-6-10-20-26-34-40-PIN-2-54MM-pitc</a>	2X5 10PIN	2
	<a href="https://www.aliexpress.com/item/10pcs-right-angle-6-10-20-26-34-40-PIN-2-54">https://www.aliexpress.com/item/10pcs-right-angle-6-10-20-26-34-40-PIN-2-54</a>	2X5 10PIN	1
	<a href="https://www.aliexpress.com/item/10pcs-right-angle-6-10-20-26-34-40-PIN-2-54">https://www.aliexpress.com/item/10pcs-right-angle-6-10-20-26-34-40-PIN-2-54</a>	2X17 34PIN	1
	<a href="https://www.aliexpress.com/item/1PCS-16-20-28-28-WIDE-32-40-40-BLACK-pin-">https://www.aliexpress.com/item/1PCS-16-20-28-28-WIDE-32-40-40-BLACK-pin-</a>	20Pin	1
	<a href="https://www.aliexpress.com/item/1-44-1-8-2-0-2-2-2-4-2-8-Inch-TFT-Color-Scre">https://www.aliexpress.com/item/1-44-1-8-2-0-2-2-2-4-2-8-Inch-TFT-Color-Scre</a>	2.8 Inch WITH TOUCH AND WITH YELLOW HEADER	1
	<a href="https://www.aliexpress.com/item/JXSINONE-P6100-Oscilloscope-Probe-Kit-DC-1">https://www.aliexpress.com/item/JXSINONE-P6100-Oscilloscope-Probe-Kit-DC-1</a>	P6100	1
	<a href="https://www.aliexpress.com/item/Power-Adapter-Supply-Converter-AC-DC-220V">https://www.aliexpress.com/item/Power-Adapter-Supply-Converter-AC-DC-220V</a>	12V + EU or US Plug + 6A	1
	<a href="https://www.aliexpress.com/item/10PCS-XL4005-DSN5000-Beyond-LM2596-DC-DC-adjustable-step-down-5A-power-Sup">https://www.aliexpress.com/item/10PCS-XL4005-DSN5000-Beyond-LM2596-DC-DC-adjustable-step-down-5A-power-Sup</a>		1
	<a href="https://www.aliexpress.com/item/10-1000PCS-WS2812B-5050-RGB-LED-Chip-W">https://www.aliexpress.com/item/10-1000PCS-WS2812B-5050-RGB-LED-Chip-W</a>	WS2812B 5050	2
	<a href="https://www.aliexpress.com/item/10PCS-TIP102-TIP127-TIP107-TIP112-TIP120-T">https://www.aliexpress.com/item/10PCS-TIP102-TIP127-TIP107-TIP112-TIP120-T</a>	TIP102	1
	<a href="https://www.aliexpress.com/item/Promotion-5pcs-lot-SD-Card-2GB-1GB-512MB">https://www.aliexpress.com/item/Promotion-5pcs-lot-SD-Card-2GB-1GB-512MB</a>	the minimum MB, ok 16/32MB	1
	<a href="https://www.aliexpress.com/item/100pcs-0805-1-1-8W-SMD-chip-resistor-0R-10">https://www.aliexpress.com/item/100pcs-0805-1-1-8W-SMD-chip-resistor-0R-10</a>	2k2 value	9
	<a href="https://it.aliexpress.com/item/1005001621715914.html?spm=a2g0o.productlist">https://it.aliexpress.com/item/1005001621715914.html?spm=a2g0o.productlist</a>	Mega 2560	1
	<a href="https://www.aliexpress.com/item/10PCS-2-54MM-40Pin-1x40P-Male-Pin-Heade">https://www.aliexpress.com/item/10PCS-2-54MM-40Pin-1x40P-Male-Pin-Heade</a>	color what you want - buy 10pcs or more (10x40 pin)	1
	<a href="https://www.aliexpress.com/item/10Pcs-Push-Button-Switch-10x15mm-2Pin-3pi">https://www.aliexpress.com/item/10Pcs-Push-Button-Switch-10x15mm-2Pin-3pi</a>	2PIN 2 block White or BLACK	1
	<a href="https://www.aliexpress.com/item/100pcs-1206-5-SMD-resistor-0R-10M-1-4W-0">https://www.aliexpress.com/item/100pcs-1206-5-SMD-resistor-0R-10M-1-4W-0</a>	1206 470R	1
	<a href="https://www.aliexpress.com/item/100pcs-0402-0603-0805-1206-1210-smd-led-f">https://www.aliexpress.com/item/100pcs-0402-0603-0805-1206-1210-smd-led-f</a>	1206 white	1
	<a href="https://www.aliexpress.com/item/100pcs-0805-1-1-8W-SMD-chip-resistor-0R-10">https://www.aliexpress.com/item/100pcs-0805-1-1-8W-SMD-chip-resistor-0R-10</a>	0805 330R	1
	<a href="https://it.aliexpress.com/item/1005001437008358.html?spm=a2g0o.productlist">https://it.aliexpress.com/item/1005001437008358.html?spm=a2g0o.productlist</a>	2k value	1
	<a href="https://it.aliexpress.com/item/32850331312.html?cn=e-c&amp;af=%7B%22c%22%3A">https://it.aliexpress.com/item/32850331312.html?cn=e-c&amp;af=%7B%22c%22%3A</a>	RED	1
	<a href="https://it.aliexpress.com/item/32961935772.html?spm=a2g0o.productlist.0.0.4fe967f2mhFkTp&amp;algo_pvid=d56b8018-2e">https://it.aliexpress.com/item/32961935772.html?spm=a2g0o.productlist.0.0.4fe967f2mhFkTp&amp;algo_pvid=d56b8018-2e</a>	1 housing 1 male 3 contact	1

For flat cable you can buy the free flatcable 40/50pin and make manually the cable with this pliers ant this connector



<https://www.aliexpress.com/item/NEW-G-214-Cable-Clamp-Idc-Crimp-Tool-240Mm-Computer-Cable-Crimping-Tool-For-optional>

<https://www.aliexpress.com/item/10PCS-FC-6-8-10-12-14-16-18-20-30-40-50-64> 2x17 34P 2

<https://www.aliexpress.com/item/10PCS-FC-6-8-10-12-14-16-18-20-30-40-50-64> 2x5 10P 2

<https://it.aliexpress.com/item/4001292011584.html?spm=a2g0o.productlist.0.0> the 10pin cable lenght 70cm, the 34pin lenght 20cm

but you can easy buy this cable ready and you are ok without other work to do



<https://it.aliexpress.com/item/1005002982680715.html?spm=a2g0o.productlist> 2x5 10P 70cm 1

<https://it.aliexpress.com/item/1005003161799870.html?spm=a2g0o.productlist> 2x17 34P 20cm 1

## from MOUSER



<https://www.mouser.it/ProductDetail/538-09-48-3135> 13 pos 1



<https://www.mouser.it/ProductDetail/538-38-00-1339> 9 pos 1



<https://www.mouser.it/ProductDetail/655-1-1825027-7> switch 1



<https://www.mouser.it/ProductDetail/538-73100-0105> BNC connector 1



<https://www.mouser.it/ProductDetail/538-09-48-2123> 12 pos 1



<https://www.mouser.it/ProductDetail/538-09-48-4078> 7 pos 1



<https://www.mouser.it/ProductDetail/538-09-48-2093> 9 pos 1



<https://www.mouser.it/ProductDetail/538-22-16-2050> 5 pos 1



<https://www.mouser.it/ProductDetail/538-09-48-3095> 9 pos 1



<https://www.mouser.it/ProductDetail/279-RR03J33RTB> 33R 3W 1



<https://www.mouser.it/ProductDetail/652-4610X-1LF-3.3K> 3K3 (or smd 0805 part in mainboard) 1



<https://www.mouser.it/ProductDetail/652-4610X-1LF-1K> 1K 1