

Electronics Parts List for the TouchHeart not including Printed Circuit Board

Red LEDs 1-\$.09/100-\$.06 \$.6/100@\$6
604-WP7113SRD/D

WP7113SRD/D

<http://www.mouser.com/ProductDetail/Kingbright/WP7113SRD-D/?qs=t6oQtLTmSYV0aE8MS0qLgym2iKBqxJT%2feFMUudhVKlw%3d>

CD 4011 1-\$.42/25-\$.35/100-\$.26 \$.4/
595-CD4011BE

CD4011BE

<http://www.mouser.com/ProductDetail/Texas-Instruments/CD4011BE/?qs=st7IWvIL5%2fi7lq8gNBw0gJ%2fzf%252b7ghFq8N3EP9Mr5Z70%3d>

CD4017 1-\$.45/25-\$.38/100-\$.29 \$.4/
595-CD4017BE

CD4017BE

<http://www.mouser.com/ProductDetail/Texas-Instruments/CD4017BE/?qs=IF4wzcbwb3rlaA4RXbeA8E1sWaKLD%2fdPiBRJBGg74ac%3d>

2N7000 1-\$.11/100-\$.09 \$.1/10
512-2N7000

2N7000

<http://www.mouser.com/ProductDetail/Fairchild-Semiconductor/2N7000/?qs=FOlmdCx%252bAA2NB%2f%2f%2feDBYfiAxm8hO%252bvIx3eNCzWH3m2A%3d>

.1 cap 1-\$.1/100-\$.06 \$.1

SA105E104MAR

<http://www.mouser.com/ProductDetail/AVX/SA105E104MAR/?qs=BbZ9g3%2fyuDH%2fEvn7tziKjSOyu4R3%252b2005Uj7M9Oc3x8%3d>

.01 cap 1-\$.1/100-\$.08 \$.1

SA105E103MAR

<http://www.mouser.com/ProductDetail/AVX/SA105E103MAR/?qs=qgOKCHiGtjiTwMEYa0JRviRysoOoE%2fN1Ow%252bdn3rEvF4%3d>

Slide Switch 1-\$.40/25-\$.35/\$100-\$.30 \$.4

0S102011MA1QN1

<http://www.mouser.com/ProductDetail/CK-Components/0S102011MA1QN1/?>

[qs=%2fha2pyFadugVWZ%252bWNeenNEmxzAyh4dntv4gSQuef%252bV49ijgfn8y8FSejejPI9oMoS](#)

Resistors 1-\$.1/10-\$.05/200-\$.02 \$.02

291-390K-RC

[http://www.mouser.com/ProductDetail/Xicon/291-390K-RC/?qs=sGAEpiMZZMu61qfTUdNhG2ZPHRPE95lihUFtVbWn8u4%3d](#)

291-22M-RC

[http://www.mouser.com/ProductDetail/Xicon/291-22M-RC/?qs=sGAEpiMZZMu61qfTUdNhG31BUGhBcnAXIPwt2Lsm9Lg%3d](#)

291-10M-RC

[http://www.mouser.com/ProductDetail/Xicon/291-10M-RC/?qs=sGAEpiMZZMu61qfTUdNhG2ZvKd0YdoZGLMrPwD4RDKI%3d](#)

1n914 1-\$.12/10-\$.1/100-\$.02 \$.1/10

512-1N914

1N914

[http://www.mouser.com/ProductDetail/Fairchild-Semiconductor/1N914/?qs=sGAEpiMZZMutXGli8Ay4kAkkObeFecTLtuaHH0FF7uM%3d](#)

4AAA Battery Holders PC Legs \$.99 (2,300 stock)

12BH441P-GR

[http://www.mouser.com/ProductDetail/Eagle-Plastic-Devices/12BH441P-GR/?qs=%2fha2pyFaduibTk3xCBoFI7zUr%252bjEwnXxMBvRKaMunYk%3d](#)

Tools For Soldering/Assembling TouchHeart on Printed Circuit Boards/ Approximately \$75 Total

PLIERS/ \$16.10

[http://www.mouser.com/ProductDetail/Apex-Tool-Group-Formerly-Cooper-Tools/L4V/?qs=sGAEpiMZZMsolRQmPEiJXPnOjVUK1%252b4JdLeERsChYnc%3d](#)
Xcelite/Apex L4V 4" Mouser 578-L4/

SHEARS/ \$5.62

<http://www.mouser.com/ProductDetail/Plato/170/?qs=sGAEpiMZZMtv%252b93pf24hZDF4eXBf%252bo6%252b>
Plato Mouser 577-170/

FAN/ \$15.30

<http://www.mouser.com/ProductDetail/Orion-Fans/OA125AP-11-3TB/?qs=%2fha2pyFaduiGuMnxnCaF%252bHCC06ZpzHYBqZyTwFzAPtOg1mlBtAQOzsKQhV2zfvIR>
Orion Mouser

SOLDER/ \$16.61

<http://www.mouser.com/ProductDetail/AIM-American-Iron-and-Metal/13288/?qs=%2fha2pyFadugYwwqr9FLQPsQipw8SRk8p8YXERQtEQUk%3d>
AIM .032" 1LB

SOLDERING IRON/ \$12.40

<http://www.mouser.com/ProductDetail/Apex-Tool-Group-Formerly-Cooper-Tools/SP23LBK/?qs=sGAEpiMZZMt%252biMJH3c40u7BCFiF%252bIJXoYBzxBKIXhzw%3d>
Weller/Apex 25W Soldering Iron 533-24-7068-6403

SOLDERING IRON TIPS/ \$4.45

<http://www.mouser.com/ProductDetail/Apex-Tool-Group-Formerly-Cooper-Tools/MT-1/?qs=sGAEpiMZZMt%252biMJH3c40u7BCFiF%252bIJXouGMxj8inaOc%3d>
571-MT-1 cone tips

SAFETY GLASSES/ \$4.99

<http://www.discountssafetygear.com/crbebisagl15.html>
<http://www.discountssafetygear.com/safety-glasses-clear.html>

Tools for For Solderless Breadboarding Only/ Approximately \$20

SOLDERLESS BREADBOARD/ \$4.95

<http://www.pololu.com/catalog/product/352>

WIRE STRIPPERS/ \$12.28

http://www.generaltools.com/69--DIAL-WIRE-STRIPPER_p_549.html

General Tool 69 Dial

TELEPHONE CABLE 50 Pair/ \$1.39 ft.

<http://www.discount-low-voltage.com/Cable/Cat3-Telephone-Wire-Cable/BC3RI10024GYCO>