

Wilbur sainty micromouse UQMARS 2023 budget

DFRduino Uno R3 – average price from three sources seems to be \$26.57

https://www.digikey.com.au/en/products/detail/dfrobot/DFR0216/6579366?utm_adgroup=&utm_source=google&utm_medium=cpc&utm_campaign=PMax%20Shopping_High%20Performing%20Products&utm_term=&utm_id=go_cmp-20001736977_adg-ad-dev-c_ext-prd-6579366_sig-EAlaIQobChMliYqnruT-ggMVR20PAh0nww-rEAQYASABEgIlffD_BwE&productid=6579366&utm_content=&gad_source=4&gclid=EAlaIQobChMliYqnruT-ggMVR20PAh0nww-rEAQYASABEgIlffD_BwE

\$26.54

<https://www.arrow.com/en/products/dfr0216/dfrobot>

A\$25.80

https://au.mouser.com/ProductDetail/DFRobot/DFR0216?qs=lqAf%2FiVYw9jYZDJgZevEgA%3D%3D&mgh=1&vip=1&gad_source=1&gclid=EAlaIQobChMI7u7mmeX-ggMVPaZ7Bx24IA7GEAQYAiABEgKeyfD_BwE

\$27.38

L298 motor controller module (refer to receipt)

\$17.95

Motor gear dc w/wheel rubber 5-10V x2 (refer to receipt)

\$21.90



Coles Advance 9V battery 2pack – \$5.25

<https://www.coles.com.au/product/coles-super-alkaline-battery-9v-2-pack-6876318>

This battery is specific to coles so theres only really one source I can use.

\$2.62 technically since I used one.

10cm x 12cm 3mm acrylic board (5mm fillet four corners technically as well but I will say its 120cm^2)

3mm Acrylic

600x400mm

\$12.99/piece

Request stock levels

Purchase

$$\frac{\$12.99}{2400cm^2} = \frac{x}{120cm^2}$$

$$\frac{\$12.99 * 120cm^2}{2400cm^2} = x$$

$$x = \$0.65$$

Total:

$$26.57 + 17.95 + 21.90 + 2.62 + 0.65 = \$69.69$$