|  |  |  |  |
| --- | --- | --- | --- |
| Part | Image | Low end | High end |
| Microcontroller |  | 5000 pcs: £1.86 per piece (can be bought in much) | Very high demand means a quote needs to be requested. |
| Display |  | 2592 pcs: £0.476 per piece (4-digit display) | TFT displays: £20 – £50 for one piece. |
| PCB |  | 1 layer: £0.824 per | 4 layers:  £4.27 per |
| Switches |  |  |  |
| Passive components |  |  |  |
| Active components/ICs |  | 2500 pcs: £0.057 700kHz Op Amp | 2500 pcs: £2.127 Quad Op Amp reel 4MHz |
| LEDs |  |  |  |
| Connectors |  | Per 100 pcs: £0.158 | Per 500 pcs:  £1.672 |
| Power |  | £5.21 each: NiMH 600mAh (will not last very long) | £40.77 each: Lithium-Ion 7Ah pack (will last extremely long) |
| Housing |  |  |  |

Images:

https://www.mouser.co.uk/images/mouserelectronics/sm/LQFP\_48\_t.jpg  
  
<https://media.rs-online.com/f_auto/F5326385-01.jpg>  
  
<https://jeelabs.org/wp-content/uploads/2015/04/DSC_5039.jpg>  
  
<https://i.ebayimg.com/images/g/W3cAAOSwzaJcAbXa/s-l300.jpg>  
  
<https://tse2.mm.bing.net/th?id=OIP.AN-2fYNpJLXLLwCe3slbpwHaE8&pid=Api>  
  
<https://www.electronicscomp.com/tl082-jfet-input-opearational-amplifier-ic>  
  
<https://www.electrodomesticosfacil.com/light-emitting-diode-colours.html>  
  
<https://pisces.bbystatic.com/image2/BestBuy_US/images/products/4499/4499029_sd.jpg>  
  
<https://cdn11.bigcommerce.com/s-2fbyfnm8ev/images/stencil/1280x1280/products/241/1306/lipo-1000mah-211__89645.1539128106.jpg?c=2&imbypass=on>  
  
<https://img.alicdn.com/imgextra/i2/6000000007851/O1CN01AlXepb27ro0roTobn_!!6000000007851-0-tbvideo.jpg>

Prices:

<https://www.mouser.co.uk/c/?q=stm32f4&m=STMicroelectronics&sort=pricing&pg=4>  
  
<https://www.mouser.co.uk/c/optoelectronics/displays/lcd-displays/?packaging=Bulk&sort=pricing>  
  
https://www.pcbway.com/  
  
https://uk.rs-online.com/