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| **Component** | Link to component | Library Available |
| **mbed Microcontroller** | <https://onecall.farnell.com/nxp/om11043-598/lpc1768-mbed-prototyping-board/dp/1761179> | Available. |
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| **Temperature and Humidity sensor** | <https://onecall.farnell.com/sensirion/sht21/humidity-temp-sensor-digital-dfn/dp/1855468?st=SHT21%20temperature%20and%20humidity> | <https://os.mbed.com/components/SHT21-temperature-and-humidity-sensor/> |
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| **LCD display** | <https://onecall.farnell.com/fordata/fc2004c03-nswbbw-91-e/display-alphanumeric-20x4-white/dp/2674146> |  |
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| **Line follower** |  |  |
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| **H-bridge** |  |  |
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| **[Ultrasonic Ranger](https://os.mbed.com/cookbook/SRF08-Ultrasonic-Ranger)** | <https://onecall.farnell.com/seeed-studio/101020010/grove-sensor-ultrasonic/dp/MK00344?st=ultrasonic%20ranger> | <https://os.mbed.com/components/Grove-Ultrasonic-Ranger/> |
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| **Digital Compass** | <https://onecall.farnell.com/velleman-sa/k-mowm/wire-kit-8x5m-2x10m-24awg-singlecore/dp/MK00171?st=single+core+wire> | <https://os.mbed.com/components/LSM303DLM/> |
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| **Push buttons** | <https://onecall.farnell.com/omron/b3f-1022/switch-6x6-spno-5mm-plunger/dp/1829495?st=button> |  |
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| **wire** | <https://onecall.farnell.com/velleman-sa/k-mowm/wire-kit-8x5m-2x10m-24awg-singlecore/dp/MK00171?st=single+core+wire> |  |