

|                   | Input  |                     |                           |          | Output     |           |  |                                    | Communication |  |               |                   | App/Server   | Open   |                           | Accessibility                             |   |   |                      |     |  |  |  |  |
|-------------------|--------|---------------------|---------------------------|----------|------------|-----------|--|------------------------------------|---------------|--|---------------|-------------------|--------------|--------|---------------------------|---|---|---|----------------------|-----|--|--|--|--|
|                   | Audio  |                     | Face to Face/Presence     | Location | Motion     |           | Display  |                                    | Motor         |  | Bluetooth     | Infrared          |              | Radio  | ???                       | Schematics                                | Part List                                 | Main Controller                           | Programming Language |     |  |  |  |  |
|                   |        |                     |                           |          |            |           | LCD  | LED                                |               |  |               |                   |              |        |                           |   |   |   |                      |     |  |  |  |  |
| Meme Tag          |        |                     |                           |          | 73-1052-ND | 2 x 16    | HLMP-1700OT-ND<br>HLMP-1719OT-ND<br>HLMP-1780QT-ND | Red LED<br>Yellow LED<br>Green LED |               |  |               | HSDL-1001-001     | Peer to peer |        | ???                       | Computer                                  | <a href="http://www.cs">http://www.cs</a> | <a href="http://www.cs">http://www.cs</a> | mc68hc11fncfn3       | ??? |  |  |  |  |
| Uber Badge        | WM-54B | Electret Microphone | HDSL-4220<br>PNA4612M0DXD | IR       |            |           | MDL(S)-15253                                       | 2 x 16                             | LTST-C150CBKT | Blue LED                                   | Pancake Motor | Vibration Motor   |              |        |                           | <a href="http://reserv">http://reserv</a> | <a href="http://reserv">http://reserv</a> | C8051F301                                 | ???                  |     |  |  |  |  |
| The Sociometer    | ???    | Microphone          | ???                       | IR       |            | ???       | Accelerometer                                      |                                    |               |  |               |                   |              |        |                           |   |   |   |                      |     |  |  |  |  |
| nTag              |        |                     | ???                       | RFID     | ???        | RFID      | ???  | ???                                | ???           | (Enable to display up to 7 words sentence) |               |                   | ???          | Server |                           | Database Admin control panel              |   |   |                      |     |  |  |  |  |
| Sociometric Badge | ???    | Microphone          | ???                       | IR       | ???        | Bluetooth | ???  | Accelerometer                      |               |  |               |                   |              |        |                           |   |   |   |                      |     |  |  |  |  |
|                   |        |                     | ???                       | RF       |            |           |  |                                    |               |  | ???           | Cellphone         |              |        |                           |   |   |   |                      |     |  |  |  |  |
| Rhythm Open Badge |        |                     |                           |          |            |           |  |                                    |               |  |               | RFduino (for V.1) | Peer to peer |        | Android<br>Google Hangout |   | NRF51-DK                                  | C   |                      |     |  |  |  |  |