# Component of Smart Home System

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| Component name | number | price | Total price | Note |
| Atmega32 | 3 | 50 | 150 |  |
| Atmega128 | 1 | 140 | 140 |  |
| GSM module | 1 | 830 | 830 |  |
| Wifi Module | 1 | 275 | 275 |  |
| Ultra sonic module | 2 | 55 | 110 |  |
| LCD 2\*16 | 2 | 55 | 110 |  |
| LCD 4\*20 | 1 | 325 | 325 |  |
| Stepper motor | 5 | 45 | 225 |  |
| Laser module | 1 | 40 | 40 |  |
| Laser receiver | 1 | 45 | 45 |  |
| Fire sensor | 4 | 12 | 48 |  |
| Humidity sensor | 4 | 40 | 160 |  |
| Light sensor | 1 | 12 | 12 |  |
| Gas sensor | 4 | 65 | 260 |  |
| Temp sensor | 4 | 20 | 80 |  |
| LED | 30 | .50 | 15 |  |
| Mixed led 10 mm | 20 | 35 | 35 |  |
| Resistors + potentiometer | 80 | 60 | 60 |  |
| Transistors metal case 2nxxxx | 10 | 7 | 70 |  |
| Stepper motor driver | 5 | 20 | 100 |  |
| Keypad | 2 | 45 | 90 |  |
| Terminals | 50 | .5 | 25 |  |
| Power supply 5V 2A ,12V 5A | 2 | 65+250 | 315 |  |
| Buzzers | 4 | 5 | 20 |  |
| Cables 1\*20 | 10 | 10 | 100 |  |
| Pin headers 1\*20 female + male | 12 | 7 | 84 |  |
| Relays | 5 | 7 | 35 |  |
| **Macket martial** | | | | |
| Cartoon sheets | 10 | 20 | 200 |  |
| UHU | 9 | 40 | 360 |  |
| Accessories | - | - | 200 | Colors + foam + spray |
| **Hardware and TOOLS** | | | | |
| Capper circuits 20\*20 | 20 | 11 | 220 |  |
| Acid | - | - | 50 |  |
| Heater coil | 1 | 90 | 90 |  |
| Tin | 1 | 110 | 110 |  |
| **Total price** | 4870 L.E | | |  |
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