

**LISTE Des COMPOSANTS Pour Domotique V7.7**

**TITRE** : Domotique\_V7.7.DSN  
**Auteur** : ANTOINE Raphaël  
**Revision** : V7.7  
**Création** : mercredi 30 mai 2007  
**Dernière modification** : dimanche 8 juin 2014  
**Total Parts In Design** : 100

**4 Modules**

| <u>Quantity:</u> | <u>References</u> | <u>Value</u>  | <u>Order Code</u>    |
|------------------|-------------------|---------------|----------------------|
| 1                | M1                | EZL-50L       | Solae System         |
| 1                | M2                | MPX4250       | ou MPX5100 Frescales |
| 1                | M3                | SERVOMOTEUR_1 | Hitec ou autres      |
| 1                | M4                | SERVOMOTEUR_0 | Hitec ou autres      |

**26 Resistors**

| <u>Quantity:</u> | <u>References</u>       | <u>Value</u> | <u>Order Code</u> |
|------------------|-------------------------|--------------|-------------------|
| 3                | R1, R2, R19             | 10k          | 1/4W              |
| 1                | R3                      | 200          | 1/4W              |
| 4                | R4, R5, R7, R10         | 470          | 1/4W              |
| 1                | R6                      | 100          | 1/4W              |
| 1                | R8                      | 120k         | 1/4W              |
| 8                | R9, R13-R16,<br>R20-R22 | 1K2          | 1/4W              |
| 2                | R11, R18                | 4k7          | 1/4W              |
| 2                | R12, R17, R26           | 1k8          | 1/4W              |
| 1                | R23                     | 1k           | 1/4W              |
| 1                | R24                     | 47k          | 1/4W              |

**15 Condensateurs**

| <u>Quantity:</u> | <u>References</u>           | <u>Value</u> | <u>Order Code</u> |
|------------------|-----------------------------|--------------|-------------------|
| 6                | C1, C4, C7, C9, C14,<br>C17 | 100n         | MKC/MKT           |
| 2                | C2, C3                      | 47u          | Electrolytique    |
| 1                | C5                          | 22p          | Céramique         |
| 1                | C6                          | 22p          | Céramique         |
| 1                | C8                          | 10nF         | MKC/MKT           |
| 4                | C10-C13                     | 1uF          | Electrolytique    |

**9 Circuits intégrés**

| <u>Quantity:</u> | <u>Références</u> | <u>Value</u>    | <u>Order Code</u>                    |
|------------------|-------------------|-----------------|--------------------------------------|
| 1                | U1                | 7805-3A         | 78T03                                |
| 1                | U3                | ATMEGA324P-20PU | ATMEGA324P-20PU ou ATmega644 - DIP40 |
| 1                | U4                | ULN2803         | ULN2803                              |
| 1                | U5                | SHT11           | Sensirion                            |
| 1                | U6                | DS18S20         | DALLAS ou DS18B20                    |
| 1                | U7                | 24LC512         | Mémoire TWI                          |

|   |     |         |              |
|---|-----|---------|--------------|
| 1 | U8  | TLC7524 | DAC          |
| 1 | U9  | DS1307  | DALLAS - RTC |
| 1 | U10 | MAX232  | RS232        |

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### 13 Diodes

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| <u>Quantity:</u> | <u>References</u> | <u>Value</u> | <u>Order Code</u> |
|------------------|-------------------|--------------|-------------------|
| 1                | D1                | 1N4001       | ou 1N4007         |
| 12               | D3-D14            | LED          | 3 mm              |

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### 35 divers

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| <u>Quantity:</u> | <u>References</u>                      | <u>Value</u>         | <u>Order Code</u>    |
|------------------|--|----------------------|----------------------|
| 1                | BAT1                                   | 3V                   | CR2032 + support     |
| 1                | BUZ1                                   | BUZZER_POLARISE      | Au choix             |
| 1                | H1                                     | ETHERNET CONNECTOR   | RJ45-PD02            |
| 8                | J1, J3, J4, J10, J14,<br>J22, J24, J25 | CONN-SIL2            | CONN-SIL2            |
| 1                | J2                                     | Inter                | au choix             |
| 1                | J5                                     | SIL-100-04           | SIL-100-04           |
| 1                | J6                                     | SIL-100-07           | SIL-100-07           |
| 1                | J7                                     | HE10-10              | HE10-10 CI mâle      |
| 1                | J8                                     | SIL-100-10           | CONN-SIL10           |
| 1                | J9                                     | CONN-SIL11           | CONN-SIL11           |
| 2                | J11, J12                               | CONN-SIL1            | CONN-SIL1            |
| 7                | J13, J15, J17, J18,<br>J20, J21, J26   | CONN-SIL3            | CONN-SIL13           |
| 2                | J16, J19                               | CONN-SIL6            | CONN-SIL6            |
| 1                | J23                                    | CONN-D9F             | DB9-femelle C.I.     |
| 1                | LCD1                                   | LCD_4BITS_HD44780_LE | 4x20 HD44780         |
| 1                | LDR1                                   | LDR                  | Diamètre 5-10        |
| 1                | RA1                                    | 1k                   | Ajustable            |
| 1                | RA2                                    | 10k                  | Ajustable            |
| 1                | RST                                    | BP_CI                | Mini-BP_CI           |
| 1                | RV1                                    | RES-VAR              | Ajustable Horizontal |
| 1                | X1                                     | Quartz               | 14,7456 MHz          |
| 1                | X2                                     | RTC                  | 32.768 KHz           |

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