

# RIVAREL\_DVIL\_HAT\_04\_28\_mod

| Reference      | Qty | Value                    | Footprint                                                  | Code Commande   |
|----------------|-----|--------------------------|------------------------------------------------------------|-----------------|
| C1,C2,C3,C6,C7 | 5   | 1µF                      | Capacitor_SMD:C_0805_2012Metric                            | RS 264-4450     |
| C4             | 1   | 47µF                     | 0_ModulesProjet:Capacitor_AVX_E_CASE_2917                  | RS 135-5396     |
| C5             | 1   | 4.7µF                    | Capacitor_SMD:C_1206_3216Metric                            | RS 691-1224     |
| D1             | 1   | Verte                    | LED_SMD:LED_0805_2012Metric                                | RS 654-5773     |
| D2             | 1   | Rouge                    | LED_SMD:LED_0805_2012Metric                                | RS 497-4804     |
| D3             | 1   | PMEG3010ER               | Diode_SMD:Nexperia_CFP3_SOD-123W                           | RS 816-6855     |
| D4             | 1   | S2G-E3/52T               | LED_SMD:LED_0805_2012Metric                                | Farnell 9550275 |
| D5             | 1   | Jaune                    | LED_SMD:LED_0805_2012Metric                                | RS 486-0519     |
| F1             | 1   | 400mA                    | 0_ModulesProjet:Polyswitch_MICROSMD110F-2                  | RS 517-7105     |
| F2             | 1   | 1,1A 2,2A                | 0_ModulesProjet:Polyswitch_MICROSMD110F-2                  | RS 817-1668     |
| F3             | 1   | 2A 4A                    | 0_ModulesProjet:Polyswitch_MICROSMD110F-2                  | RS 647-8263     |
| J1             | 1   | Connecteur GPIO          | Connector_PinSocket_2.54mm:PinSocket_2x13_P2.54mm_Vertical | Pololu 2745     |
| J2             | 1   | Conn_01x04               | 0_ModulesProjet:Embase_Grove_Horizontale                   | Gotronic 31232  |
| J3             | 1   | Conn_01x08               | Connector_PinHeader_2.54mm:PinHeader_1x08_P2.54mm_Vertical | Gotronic 8000   |
| J4             | 1   | Barrel_Jack_Switch       | 0_ModulesProjet:Fiche_alimentation_DC                      | RS 143-8915     |
| J5             | 1   | Contact pos. serrure     | Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical | Gotronic 8000   |
| J6             | 1   | Contact pos. serrure     | Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical | Gotronic 8000   |
| J7             | 1   | Connecteur alim. serrure | 0_ModulesProjet:Embase_AMPMODU_HE14_Droite_2               | RS 681-1871     |
| JP3            | 1   | Cavalier alim. RPI       | Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical | Gotronic 8000   |
| Q2             | 1   | MGSF2N02ELT1G            | Package_TO_SOT_SMD:SOT-23                                  | RS 792-5675     |
| R1             | 1   | 120                      | Resistor_SMD:R_1206_3216Metric                             | RS 223-236      |
| R2             | 1   | 330                      | Resistor_SMD:R_1206_3216Metric                             | RS 679-2049     |
| R3             | 1   | 2.2K                     | Resistor_SMD:R_1206_3216Metric                             | RS 223-2300     |
| R4,R5          | 2   | 10K                      | Resistor_SMD:R_1206_3216Metric                             | RS 125-1192     |
| TP1            | 1   | SDA                      | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP2            | 1   | SCL                      | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP3            | 1   | GND                      | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP4            | 1   | +12V_P                   | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP5            | 1   | +5V                      | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP6            | 1   | +3.3v                    | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| TP7            | 1   | Com_Serrure              | 0_ModulesProjet:Point_Test                                 | Gotronic 8000   |
| U1             | 1   | TSR2-2450N               | 0_ModulesProjet:TSR2-2450N                                 | Farnell 2848984 |