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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  |  | ­Raspberry PI connecté au moteur Chamberlin (porte garage) Brochage du connecteur GPIO   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | BMC | wPI | Nom | Broches | | Nom | wPi | BMC | |  |  | 3.3v | 1 | 2 | 5v |  |  | | **2** | **8** | SDA.1 | 3 | 4 | 5v |  |  | | **3** | **9** | SCL.1 | 5 | 6 | 0v |  |  | | **4** | **7** | GPIO. 7 | 7 | 8 | TxD | **15** | **14** | |  |  | 0v | 9 | 10 | RxD | **16** | **15** | | **17** | **0** | GPIO. 0 | 11 | 12 | GPIO. 1 | **1** | **18** | | **27** | **2** | GPIO. 2 | 13 | 14 | 0v |  |  | | **22** | **3** | GPIO. 3 | 15 | 16 | GPIO. 4 | **4** | **23** | |  |  | 3.3v | 17 | 18 | GPIO. 5 | **5** | **24** | | **10** | **12** | MOSI | 19 | 20 | 0v |  |  | | **9** | **13** | MISO | 21 | 22 | GPIO. 6 | **6** | **25** | | **11** | **14** | SCLK | 23 | 24 | CE0 | **10** | **8** | |  |  | 0v | 25 | 26 | CE1 | **11** | **7** | | **0** | **30** | SDA.0 | 27 | 28 | SCL.0 | **31** | **1** | | **5** | **21** | GPIO.21 | 29 | 30 | 0v |  |  | | **6** | **22** | GPIO.22 | 31 | 32 | GPIO.26 | **26** | **12** | | **13** | **23** | GPIO.23 | 33 | 34 | 0v |  |  | | **19** | **24** | GPIO.24 | 35 | 36 | GPIO.27 | **27** | **16** | | **26** | **25** | GPIO.25 | 37 | 38 | GPIO.28 | **28** | **20** | |  |  | 0v | 39 | 40 | GPIO.29 | **29** | **21** | | | | | | | | | | |
|  |  | | | | | | **Broches physiques** | |
| Effets sur l'application | | | | | wPI | BMC | **PI** | | BMC | wPI | Type, commande | Effets |
|  | | | | |  | 3,3V | **1** | **2** | 5V |  |  |  |
|  | | | | | **8** | 2, I2C | **3** | **4** | 5V |  |  |  |
|  | | | | | **9** | 3, I2C | **5** | **6** | 0V |  |  |  |
|  | | | | | **7** | 4, CLK | **7** | **8** | 14, TXD | **15** |  |  |
|  | | | | |  | OV | **9** | **10** | 15, RXD | **16** |  |  |
|  | | | | | **0** | 17 | **11** | **12** | 18 | **1** | Sortie | Ouverture/fermeture porte |
|  | | | | | **2** | 27 | **13** | **14** | NC |  |  |  |
|  | | | | | **3** | 22 | **15** | **16** | 23 | **4** | Entrée, tirage au VCC | Contact porte haut (fermé = 0) |
|  | | | | |  | 3,3V | **17** | **18** | 24 | **5** | Sortie, Prog. dynamique | Shutdown (niveau 0). |
|  | | | | | **12** | 10 | **19** | **20** | 0V |  |  |  |
|  | | | | | **13** | 9 | **21** | **22** | 25 | **6** |  |  |
|  | | | | | **14** | GND | **23** | **24** | NC | **10** |  |  |
|  | | | | |  | 0 | **25** | **26** | NC | **11** |  |  |
|  | | | | | **30** | 5 | **27** | **28** | NC | **31** |  |  |
|  | | | | | **21** | 6 | **29** | **30** | NC |  |  |  |
|  | | | | | **22** | 13 | **31** | **32** | 12 | **26** |  |  |
|  | | | | | **23** | 19 | **33** | **34** | 0V |  |  |  |
|  | | | | | **24** | NC | **35** | **36** | 16 | **27** |  |  |
|  | | | | | **25** | 26 | **37** | **38** | 20 | **28** |  |  |
|  | | | | |  | OV | **39** | **40** | 21 | **29** | Entrée, tirage au VCC | Contact porte bas (fermé = 0) |

Les connexions wiring PI 1,5 sont programmées en **sortie**. Un niveau 1 sur la broche 1 fait coller les relais. 5 et 6 sont utilisées en interne.

Les connexions wiring PI 4, 29 sont programmées en **entrée** avec résistance de tirage au VCC