**OrangePi One/Lite/Pc/Plus/PcPlus/Plus2e**

+------+-----+----------+------+---+OrangePiH3+---+------+----------+-----+------+

| GPIO | wPi | Name | Mode | V | Physical | V | Mode | Name | wPi | GPIO |

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| | | 3.3V | | | 1 || 2 | | | 5V | | |

| 12 | 0 | SDA.0 | OUT | 0 | 3 || 4 | | | 5V | | |

| 11 | 1 | SCL.0 | OUT | 0 | 5 || 6 | | | GND | | |

| 6 | 2 | PA6 | OUT | 0 | 7 || 8 | 0 | OUT | TXD.3 | 3 | 13 |

| | | GND | | | 9 || 10 | 0 | OUT | RXD.3 | 4 | 14 |

| 1 | 5 | RXD.2 | OUT | 0 | 11 || 12 | 0 | OUT | PD14 | 6 | 110 |

| 0 | 7 | TXD.2 | OUT | 0 | 13 || 14 | | | GND | | |

| 3 | 8 | CTS.2 | OUT | 0 | 15 || 16 | 0 | OUT | PC04 | 9 | 68 |

| | | 3.3V | | | 17 || 18 | 0 | OUT | PC07 | 10 | 71 |

| 64 | 11 | MOSI.0 | OUT | 0 | 19 || 20 | | | GND | | |

| 65 | 12 | MISO.0 | OUT | 0 | 21 || 22 | 0 | OUT | RTS.2 | 13 | 2 |

| 66 | 14 | SCLK.0 | OUT | 0 | 23 || 24 | 0 | OUT | CE.0 | 15 | 67 |

| | | GND | | | 25 || 26 | 0 | OUT | PA21 | 16 | 21 |

| 19 | 17 | SDA.1 | OUT | 0 | 27 || 28 | 0 | OUT | SCL.1 | 18 | 18 |

| 7 | 19 | PA07 | OUT | 0 | 29 || 30 | | | GND | | |

| 8 | 20 | PA08 | OUT | 0 | 31 || 32 | 0 | OUT | RTS.1 | 21 | 200 |

| 9 | 22 | PA09 | OUT | 0 | 33 || 34 | | | GND | | |

| 10 | 23 | PA10 | OUT | 0 | 35 || 36 | 0 | OUT | CTS.1 | 24 | 201 |

| 20 | 25 | PA20 | OUT | 0 | 37 || 38 | 0 | OUT | TXD.1 | 26 | 198 |

| | | GND | | | 39 || 40 | 0 | OUT | RXD.1 | 27 | 199 |

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| GPIO | wPi | Name | Mode | V | Physical | V | Mode | Name | wPi | GPIO |

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Uma imagem contendo Interface gráfica do usuário

Descrição gerada automaticamente

//inBufferPinMask: pin mask for each input, which

//means what pin is mapped to that OpenPLC input

int inBufferPinMask[MAX\_INPUT] = { 8, 9, 7, 0, 2, 3, 12, 13, 14, 21, 22, 23, 24, 25 };

//outBufferPinMask: pin mask for each output, which

//means what pin is mapped to that OpenPLC output

int outBufferPinMask[MAX\_OUTPUT] = { 15, 16, 4, 5, 6, 10, 11, 26, 27, 28, 29 };

//analogOutBufferPinMask: pin mask for the analog PWM

//output of the RaspberryPi

int analogOutBufferPinMask[MAX\_ANALOG\_OUT] = { 1 };