**Byte Package Code Reference List**

**1 Overview**

Each command package consists of 3 bytes, which are arranged in the following order:

|  |  |  |
| --- | --- | --- |
| Command ID/Code | Mapping ID/Code | State ID/Code |

**2 Command Codes**

|  |  |
| --- | --- |
| **Command ID/Code** | **Command** |
| 1 | Digital Pin Write Command |
| 2 | Settings Command |
| 3 | Analog Pin Write Command\* |
| 4 | Set Pin Mode Command |
| 30 | Set Stepper 1 Command |

\* See Important Information

**3 Mapping Codes**

|  |  |
| --- | --- |
| **Command** | **Mapping Definition** |
| Digital Pin Write Command | Pin Number |
| Settings Command | Setting |
| Analog Pin Write Command\* | Pin Number |
| Set Pin Mode Command | Pin Number |
| Set Stepper X Command | Speed (rpm) |

\* See Important Information

**4 State Codes**

|  |  |
| --- | --- |
| **Command** | **State Definition** |
| Digital Pin Write Command | 1 or 0 for HIGH or LOW |
| Settings Command | Varies |
| Analog Pin Write Command\* | 0 to 255, varying the pin's voltage |
| Set Pin Mode Command | 1 for OUTPUT, 2 for INPUT and 3 for INPUT\_PULLUP |
| Set Stepper X Command | Steps |

\* See Important Information

**5 Important Information**

The analogWrite function, which is called by the Analog Pin Command, only works on pins 3, 5, 6, 9, 10 and 11 on the Arduino UNO board.