Looking at the PCB connection side of the chip

**Hummer Chip**

- **A**: Right, Red
- **B**: Left, Yellow
- **C**: Forward, Green
- **D**: Backward, Clear
- **E**: Unknown, Blue
- **F**: Neutral, Orange
- **G**: Unknown, Black

**Hummer Commands:**
- **Forward**: C Pin High, Pin B High
- **Backward**: D Pin HIGH, Pin F Low, Pin A High
- **Neutral (Straight)**: Pin F High, (Pins A and B Low)

**Label, Functionality, Wire Color**

**App Mod**

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<tr>
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**G - No Connect**

App Mod is connected to the BYORK (Build Your Own Robot Kit) PCB board, and the pins of the App mode connect to the pins of the BX-24 on the BYORK board. The BX-24 pin that connects to the App Mod pin is found by the following relationship:

\[ \text{BX-24 pin#} = \text{App Mod pin#} + 2 \]