



#### Additional comments:

In the component inventory, the LN298 was initially selected for the H-bridge, and the corresponding code was designed to operate seamlessly with this specific H-bridge. However, in the schematic representation, an alternative H-bridge has been incorporated for reasons pertaining to software considerations. Additionally, it is noteworthy that the TRCT 5000 has been substituted with buttons in the same diagram, also motivated by similar software-related considerations.