# List of Tables

***Table 4-1.*** *NVIDIA Jetson TX2 and NVIDIA Jetson Nano general characteristics .*

***Table 4-2****. Pinout reference for the microcontroller.*

***Table 4-3****. Description of connectors in the Lights Control Board (LCB).*

***Table 5-1****. Mini-box DCDC-USB converter specifications.*

***Table 5-2****. Cosel MGFS302412 DC-DC converter specifications.*

***Table 5-3****. Cosel MGFS302405 DC-DC converter specifications.*

***Table 6-1****. Truth table of the H-bridge.*

***Table 7-1****. UART communication settings.*

***Table 7-2****. EX1 internal communication protocol packet description.*

***Table 7-3****. Commands sent by the P-OBC.*

***Table 7-4****. Data sent to the P-OBC.*

***Table 7-5****. Generation settings of the CRC used.*

***Table 7-6****. Example of COBS stuffing steps.*

***Table 7-7****. Example of COBS unstuffing steps.*

***Table 7-8****. Stuffed size of each command and data transmitted.*

***Table 7-9****. Automatically executed tasks and their execution time.*

***Table 8-1.*** *Index number of joy.buttons.*

***Table 8-2.*** *Index number of joy.axes.*

***Table 8-3****. P-OBC GPIO reference for controlling the lights.*