**GRUP 1**

• Slave\_1C: computerMacAddress [] = {0x7c, 0x9e, 0xbd, 0x62, 0x48, 0xec}

• Gripper\_Master1\_1A: master1MacAddress[] = {0x0c, 0xb8, 0x15, 0xd7, 0xe1, 0x7c}

• Endowrist\_Master2\_1A: master2MacAddress[] = {0x7c, 0x9e, 0xbd, 0x66, 0x7e, 0x60}

• Servo\_1B: servosMacAddress[] = {0x7c, 0x9e, 0xbd, 0x66, 0x7f, 0xdc}

**GRUP 2**

• Slave\_2C: computerMacAddress [] = {0x7c, 0x9e, 0xbd, 0x61, 0x24, 0x00}

• Gripper\_Master1\_2A: master1MacAddress[] = {0x48, 0xe7, 0x29, 0x95, 0x0f, 0xe0}

• Endowrist\_Master2\_2A: master2MacAddress[] = {0x94, 0xb9, 0x7e, 0xc4, 0x90, 0x30}

• Servo\_2B: servosMacAddress[] = {0x7c, 0x9e, 0xbd, 0x61, 0xa6, 0xec}

**GRUP 3**

• Slave\_3C: computerMacAddress [] = {0x7c, 0x9e, 0xbd, 0x66, 0xe2, 0x58}

• Gripper\_Master1\_3A: master1MacAddress[] = {0x48, 0xe7, 0x29, 0x94, 0x09, 0xa4}

• Endowrist\_Master2\_3A: master2MacAddress[] = {0x7c, 0x9e, 0xbd, 0x66, 0x76, 0x78}

• Servo\_3B: servosMacAddress[] = {0x7c, 0x9e, 0xbd, 0x65, 0x82, 0xf4}

**GRUP 4**

• Slave\_4C: computerMacAddress [] = {0x94, 0xb9, 0x7e, 0xe5, 0x9c, 0xc8}

• Gripper\_Master1\_4A: master1MacAddress[] = {0xac, 0x67, 0xb2, 0x05, 0x0f, 0x2c}

• Endowrist\_Master2\_4A: master2MacAddress[] = {0x24, 0xdc, 0xc3, 0xc6, 0xbc, 0x28}

• Servo\_4B: servosMacAddress[] = {0x7c, 0x9e, 0xbd, 0x60, 0xdc, 0x54}

**GRUP 5**

• Slave\_4C: computerMacAddress [] = {0xa0, 0xb7,0x65, 0x4a, 0xdd, 0x88}

• Gripper\_Master1\_4A: master1MacAddress[] = {0x48, 0xe7, 0x29, 0x95, 0xd9, 0x90}• Endowrist\_Master2\_4A: master2MacAddress[] = {0xa0, 0xb7, 0x65, 0x50, 0x92, 0xec}

• Servo\_4B: servosMacAddress[] = {0xa0, 0xb7, 0x65, 0x4b, 0xd9, 0xa4}

**DEMO**

• computerMacAddress[] = {0x7c, 0x9e, 0xbd, 0x66, 0x7f, 0x24}

• Gripper\_master1MacAddress[] = {0x94, 0xb9, 0x7e, 0xc4, 0x8f, 0x74}

• Endowrist\_master2MacAddress[] = {0x0c, 0xb8, 0x15, 0xd1, 0xf7, 0x78}

• servomotorMacAddress[] = {0x24, 0xdc, 0xc3, 0xc6, 0xbd, 0x14}

**ESP32 Board library**:

Esp32 version 2.0.5 or **2.0.4** (important, other versions have problems!!!!)

Arduino ESP32 Boards not needed

Other SW libraries at the last version

**Arduino program:**

***IDE 1.8.16***: (do not stores compilation results)

2min 1st compilation and 30sec 2nd compilation

Every time you close the program, the next compilation will last 2min

***IDE 2.3.2***: (stores compilation results)

2min 1st compilation and 30sec 2nd compilation

Every time you close the program, the next compilation will last 30sec