

stm32f103 | Arduino 1.8.12

File Edit Sketch Tools Help

stm32f103

```

// Remote frame
if (CAN1_tx_msg->type == REMOTE_FRAME) {
    out |= STM32_CAN_TIR_RTR;
}

CAN1->sTxMailBox[0].TDIR = ~(0xF);
CAN1->sTxMailBox[0].TDIR |= CAN1_tx_msg->len & 0xFUL;

CAN1->sTxMailBox[0].TDLR = (((uint32_t) CAN1_tx_msg->data[3] << 24) |
    ((uint32_t) CAN1_tx_msg->data[2] << 16) |
    ((uint32_t) CAN1_tx_msg->data[1] << 8) |
    ((uint32_t) CAN1_tx_msg->data[0] ));
CAN1->sTxMailBox[0].TDHR = (((uint32_t) CAN1_tx_msg->data[7] << 24) |
    ((uint32_t) CAN1_tx_msg->data[6] << 16) |
    ((uint32_t) CAN1_tx_msg->data[5] << 8) |
    ((uint32_t) CAN1_tx_msg->data[4] ));

// Send Go
CAN1->sTxMailBox[0].TIR = out | STM32_CAN_TIR_TXRQ;

// Wait until the mailbox is empty
while(CAN1->sTxMailBox[0].TIR & 0x1UL && count++ < 1000000);

// The mailbox don't becomes empty while loop
if (CAN1->sTxMailBox[0].TIR & 0x1UL) {
    Serial.println("Send Fail");
    Serial.println(CAN1->ESR);
    Serial.println(CAN1->MSR);
    Serial.println(CAN1->TSR);
}

/**
 * Returns whether there are CAN messages available.
 *
 * @returns If pending CAN messages are in the CAN controller
 */
uint8_t CANMsgAvail(void)
{
    // Check for pending FIFO 0 messages
    return CAN1->RF0R & 0x3UL;
}

```

'CAN1' was not declared in this scope

Error downloading http://dan.drown.org/stm32duino/package_STM32du

Error downloading https://downloads.arduino.cc/packages/package_1

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Generic STM32F103C series, STM32F103C8 (20k RAM, 64k Flash), STM32duino bootloader, 72MHz (Normal), Smallest (default) on COM7

Tools menu:

- Auto Format (Ctrl+T)
- Archive Sketch
- Fix Encoding & Reload
- Manage Libraries...
- Serial Monitor (Ctrl+Shift+I)
- Serial Plotter (Ctrl+Shift+L)
- WiFi101 / WIFININA Firmware Updater

Boards Manager:

- Board: "Generic STM32F103C series"
- Variant: "STM32F103C8 (20k RAM, 64k Flash)"
- Upload method: "STM32duino bootloader"
- CPU Speed(MHz): "72MHz (Normal)"
- Optimize: "Smallest (default)"
- Port
- Get Board Info
- Programmer: "ArduinoISP"
- Burn Bootloader

Boards Manager list:

- Arduino Fio
- Arduino BT
- LilyPad Arduino USB
- LilyPad Arduino
- Arduino Pro or Pro Mini
- Arduino NG or older
- Arduino Robot Control
- Arduino Robot Motor
- Arduino Gemma
- Adefruit Circuit Playground
- Arduino Yún Mini
- Arduino Industrial 101
- Linino One
- Arduino Uno WiFi
- Arduino ARM (32-bits) Boards
- Arduino Due (Programming Port)
- Arduino Due (Native USB Port)
- STM32F1 Boards (Arduino_STM32)
- Maple Mini
- Maple (Rev 3)
- Maple (RET6)
- Microduino Core STM32 to Flash
- STM Nucleo F103RB (STLink)
- Generic STM32F103C series
- Generic STM32F103C6/fake STM32F1
- Generic STM32F103R series
- Generic STM32F103T series
- Generic STM32F103V series
- Generic STM32F103Z series
- HYTiny STM32F103TB
- STM32VLD to FLASH

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exit status 1

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