

static void I2C_WriteRegister(uint8_t address, uint8_t data)

mCurrentState = I2C_SENDING_WRITE

I2C data count register

I2caRegs.I2CCNT = 2

I2caRegs.I2CDXR =
SLAVE_ADDRESS_WRITE;

mWriteIndex = 0

mWriteBuffer[0] = address

mWriteBuffer[1] = data

I2C data transmit register

I2caRegs.I2CDXR = mWriteBuffer

mWriteIndex

mWriteIndex++

I2caRegs.I2CDXR = data;
Master transmitter, START,
STOP

I2caRegs.I2CMDR.all = 0x2E20

