

void I2C_ReadRegister(uint8_t address)

mCurrentState = I2C_SENDING_READ

/ todo: Determine if needed
after moving to event based
I2C

I2caRegs.I2CMDR.bit.STP || I2caRegs.I2CSTR.bit.BB

Message still in flight
while (
!(I2caRegs.I2CSTR.all &
I2caRegs.I2CSTR.bit.ARDY));
I2C data count register

False

I2caRegs.I2CCNT = 1

I2C data transmit register

I2caRegs.I2CDXR = address

I2C status register

I2caRegs.I2CSTR.bit.RRDY = 1

Send with bits: Start, Mst,
Trx, IRS

I2caRegs.I2CMDR.all = 0x2620

