⊼ day2_test2 - MPLAB IDE v8.91 File Edit View Project Debugger Programmer Tools Configure Window Help Checksum: 0xca1a Debug 🗸 📑 🚅 🔛 🖫 🐃 🕦 🕸 🕮 🕮 🖼 _ @ X C:\...\test2.c - - X Output #include <pl8f4580.h> Build Version Control Find in Files #include <spi.h> #include <usart.h> Debug build of project `C:\Users\SANDY\Desktop\mplab\ldevelopment\day2\mplab\day2_test2.mcp' started. #include <string.h> Language tool versions: mpasmwin.exe v5.54, mplink.exe v5.00, mcc18.exe v3.47, mplib.exe v5.00 #include <stdio.h> Preprocessor symbol `__DEBUG' is defined. #define MCP23S17 IODIRA 0x00 // I/O Direction register A Sun Sep 01 23:26:03 2024 #define MCP23S17 IODIRB 0x01 // I/O Direction register B #define MCP23S17 GPIOA 0x12 // GPIO register A Clean: Deleting intermediary and output files. #define MCP23S17 GPIOB 0x13 // GPIO register B Clean: Deleted file "C:\Users\SANDY\Desktop\mplab\!development\day2\mplab\test2.o". #define MCP23S17_WRITE 0x40 // Control byte for writing Clean: Deleted file "C\Users\SANDY\Desktop\mplab\ldevelopment\dav2\mplab\dav2 test2.cof". #define MCP23S17 ADDR 0x00 // MCP23S17 address Clean: Deleted file "C:\Users\SANDY\Desktop\mplab\ldevelopment\dav2\mplab\dav2 test2.hex". Clean: Done unsigned char gpioa state = 0x00; // To store the state of GPIOA pins Executing: "C:\Program Files (x86)\Microchip\mplabc18\v3.47\bin\mcc18.exe" -p=18F4580 "test2.c" -fo="test2.o" -D__DEBUG -Ou- -Ot- -Ob- -Op- -Or- -Od unsigned char gpiob state = 0x00; // To store the state of GPIOB pins MPLAB C18 3.47 (evaluation) Copyright 2000-2011 Microchip Technology Inc. // SPI Initialization Days remaining until evaluation becomes feature limited: 55 void SPI Init(void) OpenSPI(SPI_FOSC_16, MODE_00, SMPEND); // Configure SPI WARNING: Running the compiler in extended mode will not be supported when the evaluation becomes feature limit TRISDbits.TRISD0 = 0; // Set RDO as output for CS C:\Users\SANDY\Desktop\mplab\!development\day2\mplab\test2.c:60:Warning [2066] type qualifier mismatch in assig LATDbits.LATD0 = 1; // Set RDO high (inactive) C:\Users\SANDY\Desktop\mplab\!development\day2\mplab\test2.c:66:Warning [2066] type qualifier mismatch in assig C:\Users\SANDY\Desktop\mplab\!development\day2\mplab\test2.c:77:Warning [2066] type qualifier mismatch in assig Executing: "C:\Program Files (x86)\Microchip\mplabc18\v3.47\bin\mplink.exe" /p18F4580 /l"C:\Program Files (x86)\Microchip\mplabc18\v3.47\bin\mplink.exe" /p18F4580 /l"C:\Program Files (x86)\Microchip\mplabc18\v3.47\bin\mplink.exe" // UART Initialization MPLINK 5.00. LINKER void UART_Init(void) { Device Database Version 1.17 OpenUSART (USART TX INT OFF & USART RX INT ON & USART ASYNCH MODE & Copyright (c) 1998-2013 Microchip Technology Inc. Errors // Baud rate at 9600 bps for 10 MHz FOSC MP2HEX 5.00. COFF to HEX File Converter Copyright (c) 1998-2013 Microchip Technology Inc. // Write data to MCP23S17 registers Errors void MCP23S17 Write (unsigned char reg, unsigned char data) { LATDbits.LATD0 = 0; // Select MCP23S17 (CS low) Loaded C:\Users\SANDY\Desktop\mplab\|development\day2\mplab\day2_test2.cof. WriteSPI(MCP23S17 WRITE | (MCP23S17 ADDR << 1)); // Send control b WriteSPI(reg); // Send register address Debug build of project `C:\Users\SANDY\Desktop\mplab\ldevelopment\day2\mplab\day2 test2.mcp' succeeded. WriteSPI(data); // Send data Language tool versions: mpasmwin.exe v5.54, mplink.exe v5.00, mcc18.exe v3.47, mplib.exe v5.00 LATDbits.LATD0 = 1; // Deselect MCP23S17 (CS high) Preprocessor symbol DEBUG' is defined. Sun Sep 01 23:26:04 2024 // Initialize MCP23S17 to set all pins as output BUILD SUCCEEDED void MCP23S17 Init(void) { MCP23S17 Write (MCP23S17 IODIRA, 0x00); // Set all A pins as output MCP23S17 Write (MCP23S17 IODIRB, 0x00); // Set all B pins as output

bank 0

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PIC18F4580 W:0 n ov z dc c





