

IR Trigger Makefile

Folders to include in the path

M:\MCU\msp430_Luna\UnxUtils\usr\local\wbin

M:\MCU\msp430_Luna\msp430-gcc\bin

NAME = IR_Trigger

OBJECTS = main.o

MCU = msp430g2553

#Compiler

GCC_DIR = ../../msp430-gcc

CC = msp430-elf-gcc

It seems that the GCC compiler don't know that

the selected MCU has no hardware multiplier

so we need to indicate that in the compiler flags

CFLAGS = -I \$(GCC_DIR)/include -mmcu=\$(MCU) -mhwmult=none -O0 -g

#Linker

LFLAGS = -L \$(GCC_DIR)/include

#Object Dump

#OD = \$(GCC_DIR)/bin/msp430-elf-objdump

OD = msp430-elf-objdump

.PHONY: all clean

all: \${NAME}.elf \${NAME}.lst

\${NAME}.elf: \${OBJECTS}

\$(CC) \$(CFLAGS) \$(LFLAGS) \$? -o \$(NAME).elf

\${NAME}.lst: \${NAME}.elf

\${OD} -dSt \$^ > \$@

clean:

rm -f \${NAME}.elf \${NAME}.lst \${OBJECTS}

#project dependencies

main.o: main.c io430masks.h Makefile