

```

#ifndef _PWM16_TIVA_H
#define _PWM16_TIVA_H

/*****
Module
    PWM16Tiva.h
Description
    header file to support use of the 16-channel version of the PWM library
    on the Tiva
Notes

History
When          Who      What/Why
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06/08/17      jec      re-named to match 16 channel version at Rev2
11/11/15      jec      converted from PWM8Tiva.h
*****/
#include <stdint.h>

bool PWM_TIVA_Init(uint8_t HowMany);
bool PWM_TIVA_SetDuty( uint8_t dutyCycle, uint8_t channel);
bool PWM_TIVA_SetPeriod( uint16_t reqPeriod, uint8_t group);
bool PWM_TIVA_SetFreq( uint16_t reqFreq, uint8_t group);
bool PWM_TIVA_SetPulseWidth( uint16_t NewPW, uint8_t channel);

#endif // _PWM16_TIVA_H

```