

GPIO Registers

List of Several TM4C Registers by Name (DATASHEET ACRONYM): C MACRO NAME

See also **tm4c123gh6m.h** system header file

GPIO Data (GPIODATA): GPIO_PORTx_DATA_R
GPIO Direction (GPIODIR): GPIO_PORTx_DIR_R
GPIO Digital Enable (GPIODEN): GPIO_PORTx_DEN_R
GPIO Alternate Function Select (GPIOAFSEL): GPIO_PORTx_AFSEL_R
GPIO Port Control (GPIOPCTL): GPIO_PORTx_PCTL_R
GPIO Analog Mode Select (GPIOAMSEL): GPIO_PORTx_AMSEL_R
GPIO Run Mode Clock Gating Control (RCGCGPIO): SYSCTL_RCGCGPIO_R
GPIO Peripheral Ready (PRGPIO): SYSCTL_PRGPIO_R

GPIOIS Interrupt Sense (GPIOIS): GPIO_PORTx_IS_R
GPIOIBE Interrupt Both Edges (GPIOIBE): GPIO_PORTx_IBE_R
GPIOIEV Interrupt Event (GPIOIEV): GPIO_PORTx_IEV_R
GPIOIM Interrupt Mask (GPIOIM): GPIO_PORTx_IM_R
GPIORIS Raw Interrupt Status (GPIORIS): GPIO_PORTx_RIS_R
GPIOMIS Masked Interrupt Status (GPIOMIS): GPIO_PORTx_MIS_R
GPIOICR Interrupt Clear (GPIOICR): GPIO_PORTx_ICR_R