



| Register Name | Address (hex) | bit 7 | bit 6 | bit 5 | bit 4 | bit 3 | bit 2 | bit 1 | bit 0 | POR/RST value |
|---------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|
| IODIRA | 00 | IO7 | IO6 | IO5 | IO4 | IO3 | IO2 | IO1 | IO0 | 1111 1111 |
| IODIRB | 01 | IO7 | IO6 | IO5 | IO4 | IO3 | IO2 | IO1 | IO0 | 1111 1111 |
| IPOLA | 02 | IP7 | IP6 | IP5 | IP4 | IP3 | IP2 | IP1 | IP0 | 0000 0000 |
| IPOLB | 03 | IP7 | IP6 | IP5 | IP4 | IP3 | IP2 | IP1 | IP0 | 0000 0000 |
| GPINTENA | 04 | GPINT7 | GPINT6 | GPINT5 | GPINT4 | GPINT3 | GPINT2 | GPINT1 | GPINT0 | 0000 0000 |
| GPINTENB | 05 | GPINT7 | GPINT6 | GPINT5 | GPINT4 | GPINT3 | GPINT2 | GPINT1 | GPINT0 | 0000 0000 |
| DEFVALA | 06 | DEF7 | DEF6 | DEF5 | DEF4 | DEF3 | DEF2 | DEF1 | DEF0 | 0000 0000 |
| DEFVALB | 07 | DEF7 | DEF6 | DEF5 | DEF4 | DEF3 | DEF2 | DEF1 | DEF0 | 0000 0000 |
| INTCONA | 08 | IOC7 | IOC6 | IOC5 | IOC4 | IOC3 | IOC2 | IOC1 | IOC0 | 0000 0000 |
| INTCONB | 09 | IOC7 | IOC6 | IOC5 | IOC4 | IOC3 | IOC2 | IOC1 | IOC0 | 0000 0000 |
| IOCON | 0A | BANK | MIRROR | SEQOP | DISSLW | HAEN | ODR | INTPOL | — | 0000 0000 |
| IOCON | 0B | BANK | MIRROR | SEQOP | DISSLW | HAEN | ODR | INTPOL | — | 0000 0000 |
| GPPUA | 0C | PU7 | PU6 | PU5 | PU4 | PU3 | PU2 | PU1 | PU0 | 0000 0000 |
| GPPUB | 0D | PU7 | PU6 | PU5 | PU4 | PU3 | PU2 | PU1 | PU0 | 0000 0000 |
| INTFA | 0E | INT7 | INT6 | INT5 | INT4 | INT3 | INT2 | INT1 | INT0 | 0000 0000 |
| INTFB | 0F | INT7 | INT6 | INT5 | INT4 | INT3 | INT2 | INT1 | INT0 | 0000 0000 |
| INTCAPA | 10 | ICP7 | ICP6 | ICP5 | ICP4 | ICP3 | ICP2 | ICP1 | ICP0 | 0000 0000 |
| INTCAPB | 11 | ICP7 | ICP6 | ICP5 | ICP4 | ICP3 | ICP2 | ICP1 | ICP0 | 0000 0000 |
| GPIOA | 12 | GP7 | GP6 | GP5 | GP4 | GP3 | GP2 | GP1 | GP0 | 0000 0000 |
| GPIOB | 13 | GP7 | GP6 | GP5 | GP4 | GP3 | GP2 | GP1 | GP0 | 0000 0000 |
| OLATA | 14 | OL7 | OL6 | OL5 | OL4 | OL3 | OL2 | OL1 | OL0 | 0000 0000 |
| OLATB | 15 | OL7 | OL6 | OL5 | OL4 | OL3 | OL2 | OL1 | OL0 | 0000 0000 |