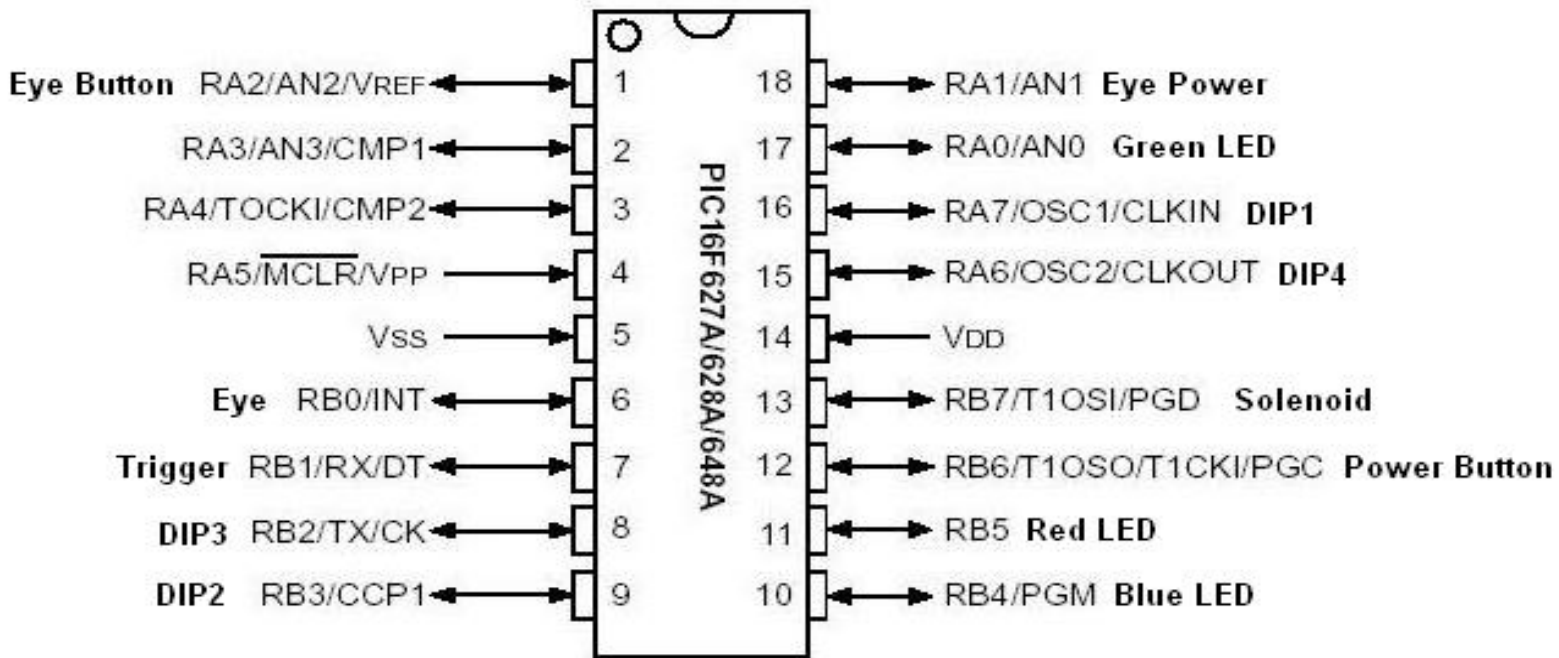


DM4 Datasheet

Non-Low Battery Indicator Board Port Info



Port B

- RB0: Eye Input, Active High (Interrupt)
- RB1: Trigger , Active Low
- RB2: DIP3, Active Low (Never High)
- RB3: DIP2, Active Low (Never High)
- RB4: Blue LED, Active High
- RB5: Red LED, Active High
- RB6: Power Button, Active Low (Never High, Interrupt)
- RB7: Solenoid, Active High

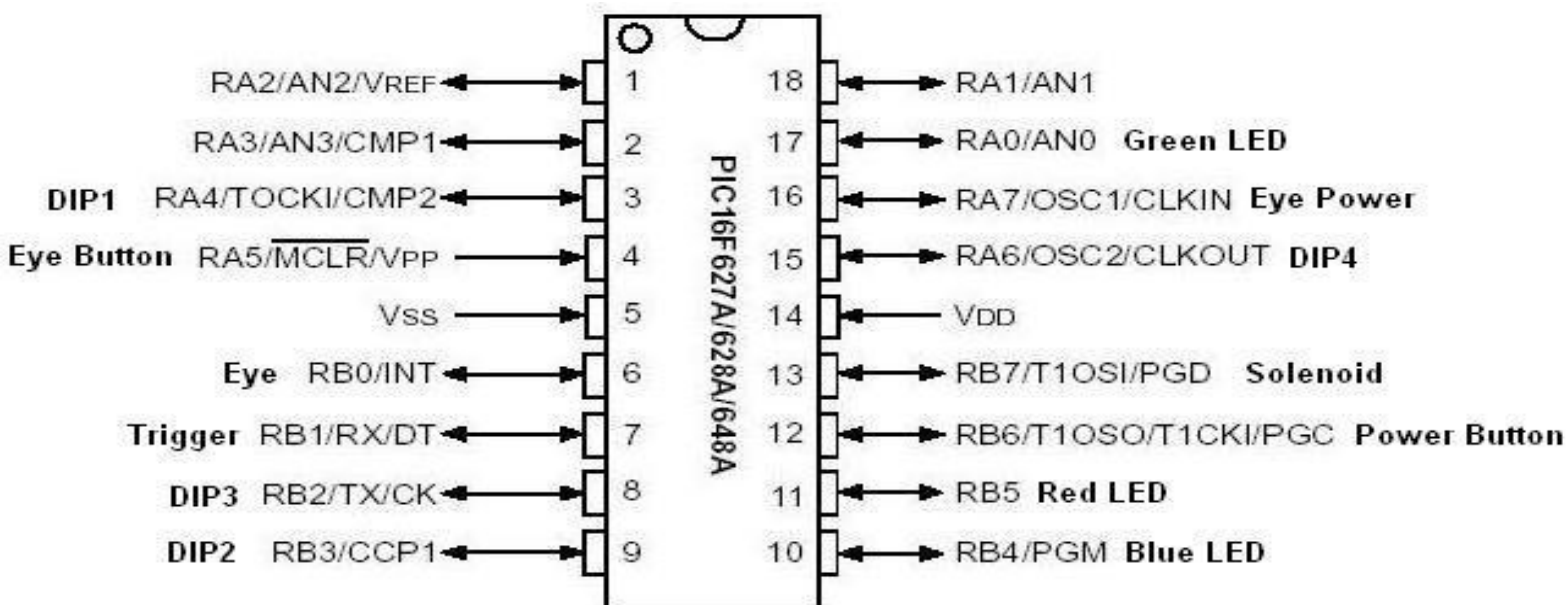
Port A

- RA0: Green LED, Active High
- RA1: Eye Power, Active High
- RA2: Eye Button, Active Low (Never High)
- RA3: NONE
- RA4: NONE
- RA5: NONE
- RA6: DIP4, Active Low (Never High)
- RA7: DIP1, Active Low (Never High)

DM4 NON-LBI BOARD SCHEMATIC



Low Battery Indicator Boards



Port B

- RB0: Eye Input, Active High (Interrupt)
- RB1: Trigger , Active High *
- RB2: DIP3, Active Low (Never High)
- RB3: DIP2, Active Low (Never High)
- RB4: Blue LED, Active High
- RB5: Red LED, Active High
- RB6: Power Button, Active Low (Never High, Interrupt)
- RB7: Solenoid, Active High

Port A

- RA0: Green LED, Active High
- RA1: NONE *
- RA2: NONE *
- RA3: NONE
- RA4: DIP1, Active Low (Never High) *
- RA5: Eye Button, Active High *
- RA6: DIP4, Active Low (Never High)
- RA7: Eye Power, Active High *

LBI Battery Indicator Board Reverse Engineered Schematic

[illegible]

-How The Board Is Turned Off-

When thy marker is turned off it is really just in a low battery usage mode (sleep) and is waiting for a power button press to wake it up. To turn off the marker you must put the MCU to sleep to consume less battery. If you want to be able to turn the gun back on you will have setup the RB6 interrupt so it will wake up when the power button is pressed.

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