

## ID MOS Digital I.P. SHORTFORM

### IM147: Pulse Width Modulator

#### PRODUCT DESCRIPTION

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**IM147** is a PWM synthesizable core that can operate as a master/slave duty cycle register. The output has a time base, called period and a time that output stays high, called duty cycle..

#### FEATURES

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- PWM 10 bits maximum resolution
- PWM master/slave duty cycle register
- PWM period register
- Built-in 10 bits timer

#### TYPICAL APPLICATIONS

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- Asynchronous motor drives
- Un-interruptable power supplies
- Control motion of read/write head actuator of floppy disk

#### BLOCK DESCRIPTION

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