Data Sheet

BIT3713

High Performance PWM Controller

Version: A3

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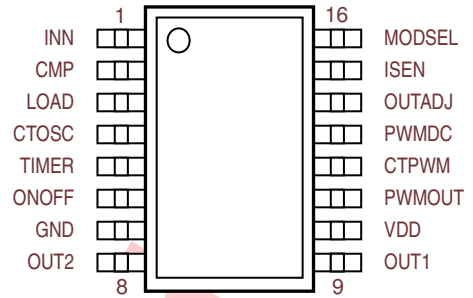
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Features:

- **Near Zero Stand By Current**
- **Low Power CMOS Process**
- **4.5V ~ 8.0V operation**
- **Fixed High Frequency,**
  Voltage Mode PWM Control Topology
- **Latched Off Protection**
- **Build-In 2nd Low Frequency PWM Generator**
- **Build-In UVLO**
- **Totem Pole Output**
- **16 Pin Package**

Pin Layout:

General Description:

BIT3713 integrated circuit provides the essential PWM features for DC/DC conversion purpose in a small low cost 16-pin package. Another built-in low frequency PWM generator provides user more flexible applications. BIT3713 provides latched off protection feature may make the system more reliable. CMOS process makes BIT3713 consumes less power while compare to conventional bipolar products.

Recommended Operating Condition:

Supply Voltage…………………………….4.5 ~ 8.0V
Operating Ambient Temperature……......-20 ~ 85°C
Operating Frequency (CTOSC)……..…...50K ~ 400KHz
Operating Frequency (OUT1, OUT2)…...25K ~ 200KHz

Functional Block Diagram: