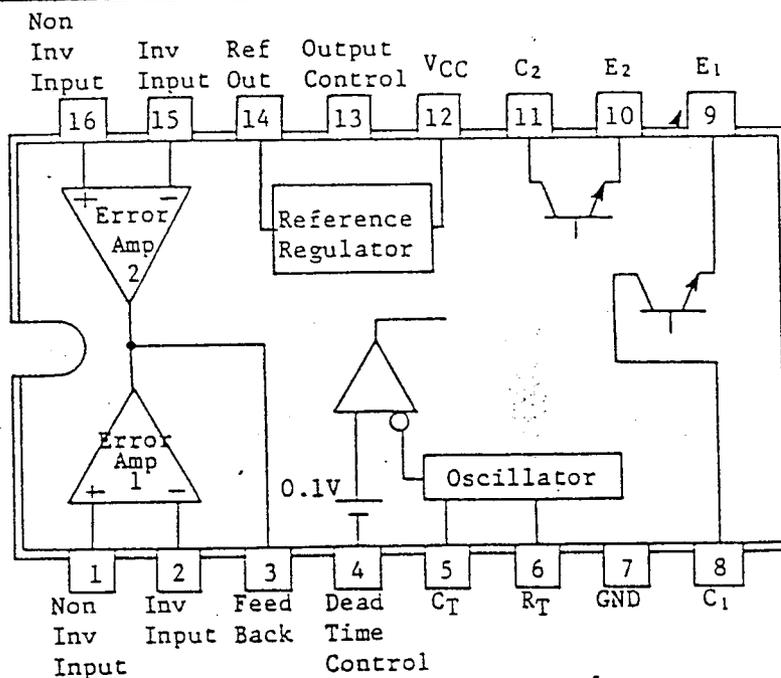


**SHARP**

### 1. General Description .

The IR3M02 is an upgraded version of the IR9494 Pulse Width Modulation Type Switching Regulator Control IC with the added feature of low-voltage error preventive circuit. The IR9494 TL-494 and MB-3759 are all pin compatible.

### 2. Pin Configuration



### 3. Maximum Ratings

Parameter	Symbol	Rating	Unit	Remarks
Supply Voltage	V <sub>CC</sub>	41	V	
Input Voltage	V <sub>I</sub>	V <sub>CC</sub> + 0.3	V	Pin 1, 2, 15, 16
Output Voltage	V <sub>C</sub>	41	V	Pin 3, 11
Output Current	I <sub>C</sub>	250	mA	"
Power Dissipation (25°C)	P <sub>C</sub>	1000	mW	Derating ratio 10 mW/°C (T <sub>a</sub> > 25°C)
Operating Temperature Range	T <sub>opr</sub>	-25 ~ +85	°C	
Storage Temperature Range	T <sub>stg</sub>	-65 ~ +150	°C	