

DUAL 5V REGULATOR WITH RESET

For complete specification refer to "Linear & Switching Voltage Regulators: Appl. Manual". (Order Code AMLISVOREST/1)

- DOUBLE BATTERY OPERATING
- OUTPUT CURRENTS: $I_{O1} = 200\text{mA}$
 $I_{O2} = 300\text{mA}$
- FIXED PRECISION OUTPUT VOLTAGE 5V $\pm 1\%$
- RESET FUNCTION CONTROLLED BY INPUT VOLTAGE AND OUTPUT 1 VOLTAGE
- RESET FUNCTION EXTERNALLY PROGRAMMABLE TIMING
- RESET OUTPUT LEVEL RELATED TO OUTPUT 2
- OUTPUT 2 INTERNALLY SWITCHED WITH ACTIVE DISCHARGING
- LOW LEAKAGE CURRENT, LESS THAN $1\mu\text{A}$ AT OUTPUT 1
- LOW QUIESCIENT CURRENT (INPUT 1)
- INPUT OVERVOLTAGE PROTECTION UP TO 60V

- RESET OUTPUT HIGH
- OUTPUT TRANSISTORS SOA PROTECTION
- SHORT CIRCUIT AND THERMAL OVERLOAD PROTECTION

The L4905 is a monolithic low drop dual 5V regulator designed mainly for supplying micro-processor systems.

Reset and data save functions during switch on/off can be realized.



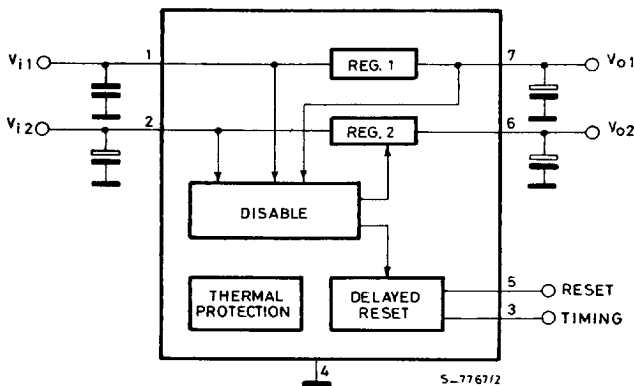
Heptawatt

ORDERING NUMBER: L4905

ABSOLUTE MAXIMUM RATINGS

V_{IN}	DC input voltage	28	V
	Transient input overvoltage (t = 40 ms)	60	V
I_o	Output current	internally limited	
T_j	Storage and junction temperature	-40 to 150	°C

BLOCK DIAGRAM



June 1988

1/8

This is advance information on a new product now in development or undergoing evaluation. Details are subject to change without notice.

167

■ 7929237 0052712 T30 ■