

## 2.5V 600mA Low Dropout Regulator

### Features

- Dropout Voltage Typically 0.8V @  $I_o = 600\text{mA}$
- Output Current in 600mA
- Output Voltage Accuracy  $\pm 2\%$
- Quiescent Current, Typically 0.3mA
- Internal Short Circuit Current Limit
- Internal Over Temperature Protection

### Application

- CD-R/W
- DVD-ROM
- DVD Player
- LAN Switch
- Broadband Access

### General Description

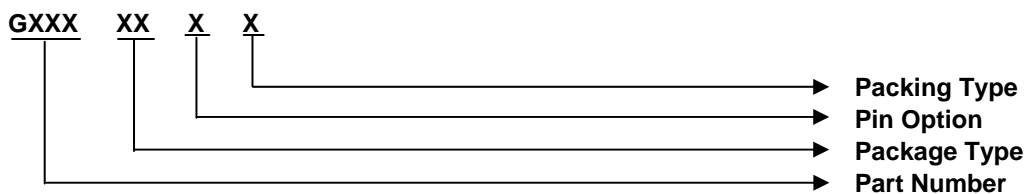
The G905 positive 2.5V voltage regulator features the ability to source 600mA of output current with a dropout voltage of typically 0.8V. A low quiescent current is provided. The typical quiescent current is 0.3mA.

Familiar regulator features such as over temperature and over current protection circuits are provided to prevent it from being damaged by abnormal operating conditions.

### Ordering Information

ORDER NUMBER (Pb free/Green)	TEMP. RANGE	PACKAGE	REMARK	PIN OPTION		
				1	2	3
G905T21U	-40°C to 85°C	SOT-89	<b>OBSELETE</b>	$V_{OUT}$	GND	$V_{IN}$
G905T24Uf	-40°C to 85°C	SOT-89		GND	$V_{IN}$	$V_{OUT}$

### Order Number Identification



#### PACKAGE TYPE

T2 : SO-T89

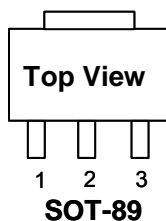
#### PIN OPTION

1	2	3
1 : $V_{OUT}$	GND	$V_{IN}$
4 : GND	$V_{IN}$	$V_{OUT}$

#### PACKING

U : Tape & Reel

### Package Type



### Typical Application

[Note 4] : Type of  $C_{OUT}$

