

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

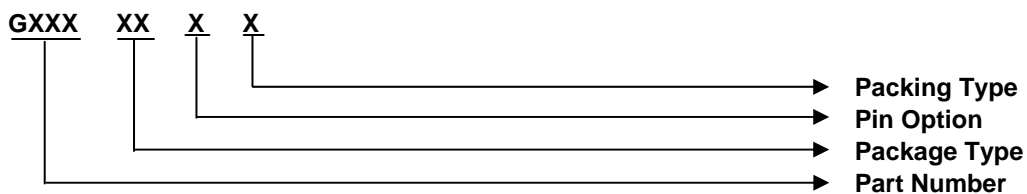
The G905 positive 2.5V voltage regulator features the ability to source 600mA of output current with a dropout voltage of typically 0.8V. A low quiescent current is provided. The typical quiescent current is 0.3mA.

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	OBSELETE	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

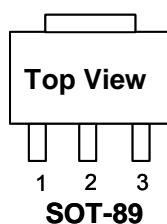
PIN OPTION

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}

