

**3.3V 600mA/250mA⁺ Low Dropout Regulator****Features**

- Dropout voltage typically 0.65V/0.25V @ I_o = 600mA/ 250mA⁺
- Output current in excess of 600mA/250mA⁺
- Output voltage accuracy ±2%
- Quiescent current, typically 0.3mA
- Internal short circuit current limit
- Internal over temperature protection

General Description

The G910/G911 positive 3.3V voltage regulator features the ability to source 600mA/250mA⁺ of output current with a dropout voltage of typically 0.65V/0.25V. A low quiescent current is provided. The typical quiescent current is 0.3mA.

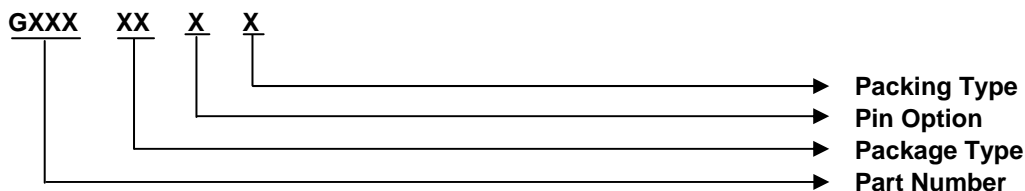
[⁺ For μ TO-92 & TO-92 package]

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	PIN OPTION		
			1	2	3
G910T21Uf	-40°C~85°C	SOT-89	V _{OUT}	GND	V _{IN}
G911T24Uf	-40°C~85°C	SOT-89	GND	V _{IN}	V _{OUT}
G910T65Uf	-40°C~85°C	SOT-223	V _{IN}	GND	V _{OUT}
G910TD1Bf	-40°C~85°C	TO-92	V _{OUT}	GND	V _{IN}
G911TD4Bf	-40°C~85°C	TO-92	GND	V _{IN}	V _{OUT}
G910T81Bf	-40°C~85°C	μ TO-92	V _{OUT}	GND	V _{IN}
G911T84Bf	-40°C~85°C	μ TO-92	GND	V _{IN}	V _{OUT}
G911T85Bf	-40°C~85°C	μ TO-92	V _{IN}	GND	V _{OUT}

* For other package types, pin options and package, please contact us at sales@gmt.com.tw

Order Number Identification**PACKAGE TYPE**

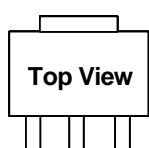
T2 : SOT-89
T6 : SOT-223
T8 : μ TO-92
TD : TO-92

PIN OPTION

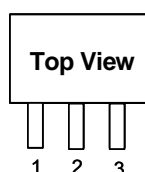
1	2	3
1 : V _{OUT}	GND	V _{IN}
2 : V _{OUT}	V _{IN}	GND
3 : GND	V _{OUT}	V _{IN}
4 : GND	V _{IN}	V _{OUT}
5 : V _{IN}	GND	V _{OUT}
6 : V _{IN}	V _{OUT}	GND

PACKING

U & D : Tape & Reel Direction
B : Bag

Package Type

SOT-89、223

 μ TO-92、TO-92**Typical Application**

[Note 4]: Type of C_{OUT}

