

1.8V 1A Regulator

Features

- Output current in excess of 1A
- Output voltage accuracy +2.5%/-2%
- Quiescent current, typically 480 μ A
- Internal short circuit current limit
- Internal over temperature protection

Applications

- PC motherboard
- ADSL/Cable Modem
- Set-Top-Box
- LAN switch/Hub
- Broad band access

General Description

The G952 positive 1.8V voltage regulator features the ability to source 1A of output current. The typical quiescent current is 0.48mA.

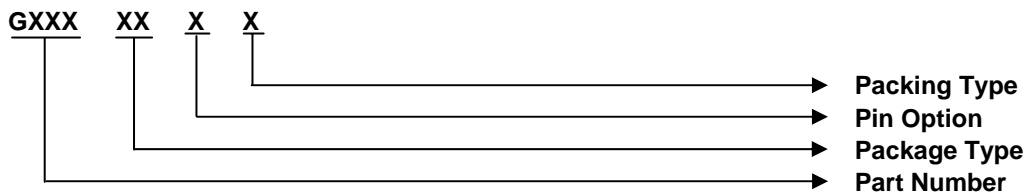
Familiar regulator features such as over temperature and over current protection circuits are provided to prevent it from being damaged by abnormal operating conditions.

Ordering Information

ORDER NUMBER (Pb free/Green)	TEMP. RANGE	PACKAGE	PIN OPTION		
			1	2	3
G952T21U	-40°C~85°C	SOT-89	V _{OUT}	GND	V _{IN}
G952T23Uf	-40°C~85°C	SOT-89	GND	V _{OUT}	V _{IN}
G952T24Uf	-40°C~85°C	SOT-89	GND	V _{IN}	V _{OUT}
G952T25Uf	-40°C~85°C	SOT-89	V _{IN}	GND	V _{OUT}
G952T43Uf	-40°C~85°C	TO-252	GND	V _{OUT}	V _{IN}
G952T43D	-40°C~85°C	TO-252	GND	V _{OUT}	V _{IN}
G952T63Uf	-40°C~85°C	SOT-223	GND	V _{OUT}	V _{IN}
G952T65Uf	-40°C~85°C	SOT-223	V _{IN}	GND	V _{OUT}

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

Order Number Identification



PACKAGE TYPE

T2: SOT-89
 T4: TO-252
 T6: SOT-223

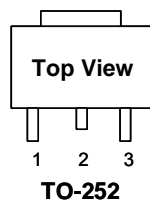
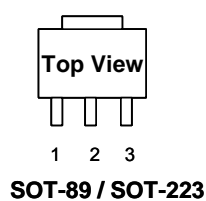
PIN OPTION

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

Package Type



Typical Application

[Note 4]: Type of C_{OUT}

