

1.2V 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 G912 positive 1.2V 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	MARKING	TEMP. RANGE	PACKAGE (Green)
G912T43U	912T43	-40°C~85°C	TO-252
G912T45U	912T45	-40°C~85°C	TO-252
G912T43D	912T43	-40°C~85°C	TO-252
G912T45D	912T45	-40°C~85°C	TO-252
G912T63U	912T63	-40°C~85°C	SOT-223
G912T65U	912T65	-40°C~85°C	SOT-223
G912F11U	G912	-40°C~85°C	SOP-8 (FD)

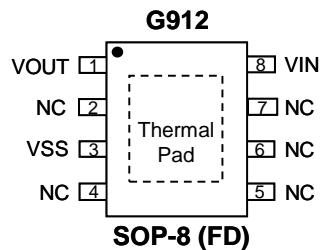
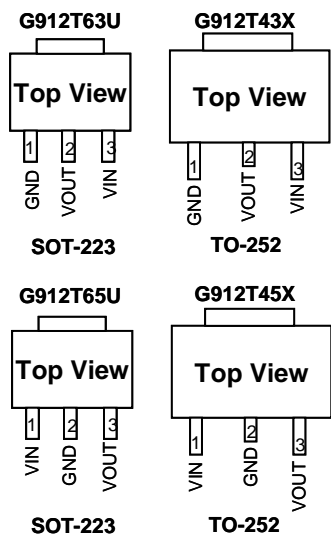
For other package types and pin options, please contact us at sales@gmt.com.tw

Note:T4: TO-252 T6: SOT-223 F1: SOP-8 (FD)

1,3,5: Bonding Code

U&D : Tape & Reel

Pin Configuration



Note: Recommend connecting the Thermal Pad to the Ground for excellent power dissipation.

Typical Application

[Note 4]: Type of C_{OUT}

