
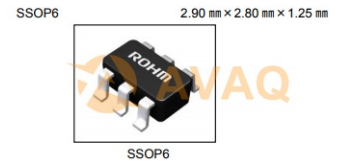


**Conv DC-DC 6V to 42V Step Down Single-Out 1V to 29.4V 0.5A
6-Pin SSOP T/R**

Manufacturer:	ROHM Semiconductor
Package/Case:	SOT-23-6
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Internal high-side 42V Power MOSFET. It provides 0.5A DC output with small SOT23 package. Operating frequency is fixed 1.5MHz, allowing the use of small inductor and ceramic capacitor. Phase compensation components is built in. The BD9G101G is available in SOT-23-6(SSOP6) package.

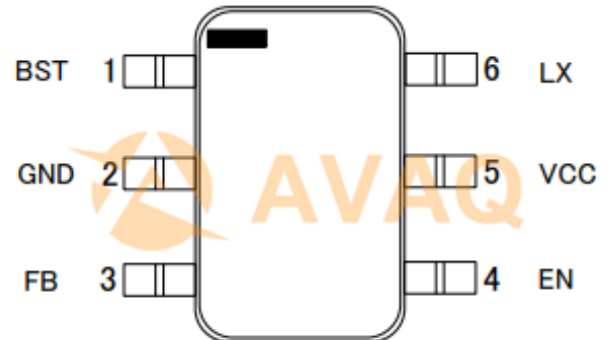
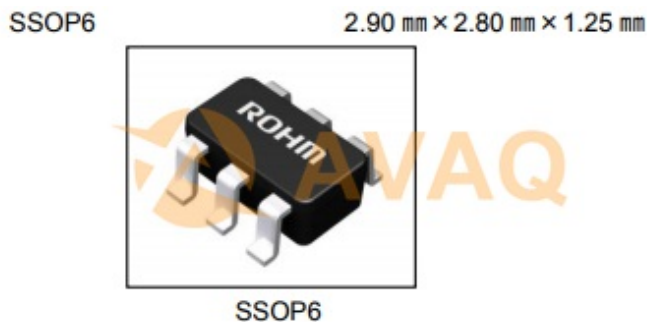


Figure 2. Pin Configuration (TOP VIEW)

Recommended For You

BD5230G-TR

ROHM Semiconductor

SOT23-5

BD6222HFP-TR

ROHM Semiconductor

HRP7

BD6211F-E2

ROHM Semiconductor

SOP8

BD001A5MEFJ-ME2

ROHM Semiconductor
HTSOP8

BD6237FM-E2

ROHM Semiconductor
HSOP-M28

BD48K33G-TL

ROHM Semiconductor
SOT23

BD9781HFP-TR

ROHM Semiconductor
TO263-7

BD00GA5WEFJ-E2

ROHM Semiconductor
HTSOP8

BD2204GUL-E2

ROHM Semiconductor
VCSP50L1

BD9D320EFJ-E2

ROHM Semiconductor
HTSOP8

BD2051AFJ-E2

ROHM Semiconductor
SOP8

BD450M2FP3-CE2

ROHM Semiconductor
SOT-223

BD450M5WFPJ-CZE2

ROHM Semiconductor
TO252-J5F

BD63860EFV-E2

ROHM Semiconductor
HTSSOP28

BD45272G-TR

ROHM Semiconductor
SOT23-5