

DC/DC Cntrlr Single-OUT Step Down 500kHz Automotive 8-Pin(7+Tab) HRP T/R



Images are for reference only

Manufacturer:	<u>ROHM Semiconductor</u>
Package/Case:	TO263-7
Product Type:	Power Management ICs
Lifecycle:	Active

[Inquiry](#)

General Description

The flexible step-down switching regulator of the ROHM is a switching regulator with built-in POWER MOSFET, which withstands high pressure. The operational frequency is freely configurable with external resistance. A wide input voltage range (7V to 35V) and temperature range (-40 to 125) can correspond to various applications by the feature. Moreover, because the enhanced protection circuit such as thermal shut down (TSD), over current protection (OCP) and under voltage lock out (UVLO) is built into, the application can be protected, and the high reliability of the set be achieved under various conditions.

Key Features

Wide input voltage range : 7V to 35V

Standby mode supply current : 0uA (Typ.)

Output voltage setting enabled with external resistor : 1V to V_{in}

Oscillation frequency variable with external resistor : 50 to 500kHz

Built-in P-ch POWER MOSFET

External synchronization enabled



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

BD9G101G-TR

ROHM Semiconductor

SOT-23-6

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

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SOT23-5