

DATA SHEET

Part No.	AN34040A
Package Code No.	HZIP007-P-0750A

Maintainance/Discontinued includes following types of products in life cycle stage.

planned maintenance type

discontinued type

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Maintenance/Discontinued includes following four Product lifecycle stages:
planed maintenance type
maintenance type
planed discontinued type
discontinued type
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AN34040A

Multi voltage regulator IC

■ Features

- 3 outputs voltage regulator
- Peak current protection circuit
- ASO protection circuit
- Thermal protection circuit
- 2 power supply inputs

■ Applications

- For power supply

■ Package

- TO-2207 pins plastic package (power type with fin)

■ Type

- Silicon monolithic bipolar IC

Maintenance/Discontinued includes following four Product lifecycle stage.

planed maintenance type

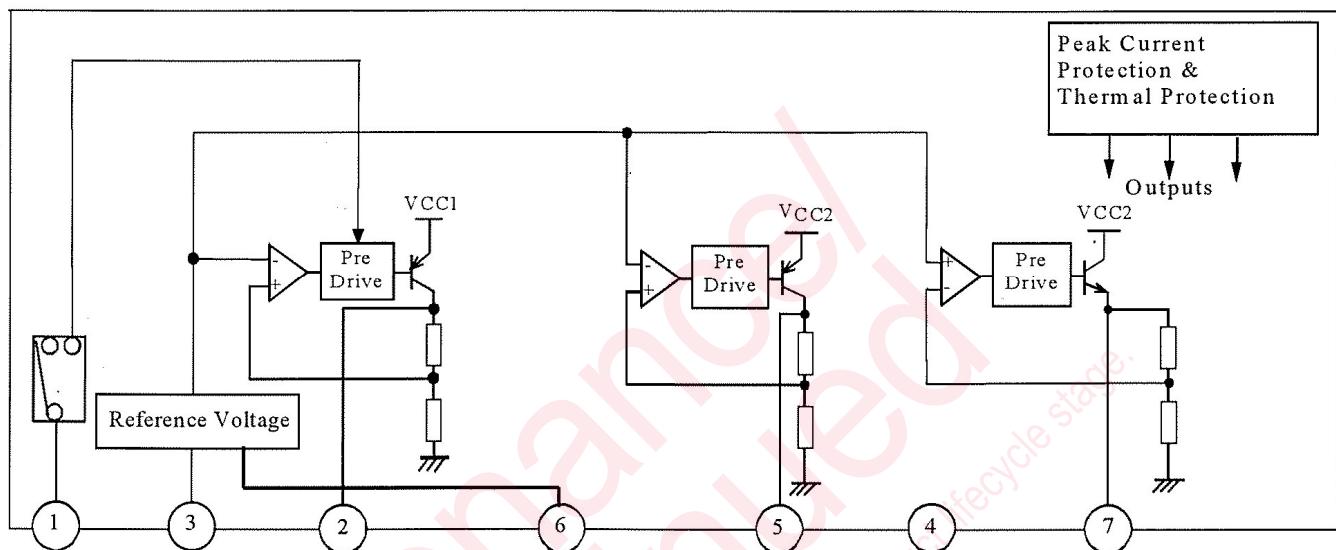
planed discontinued type

discontinued type

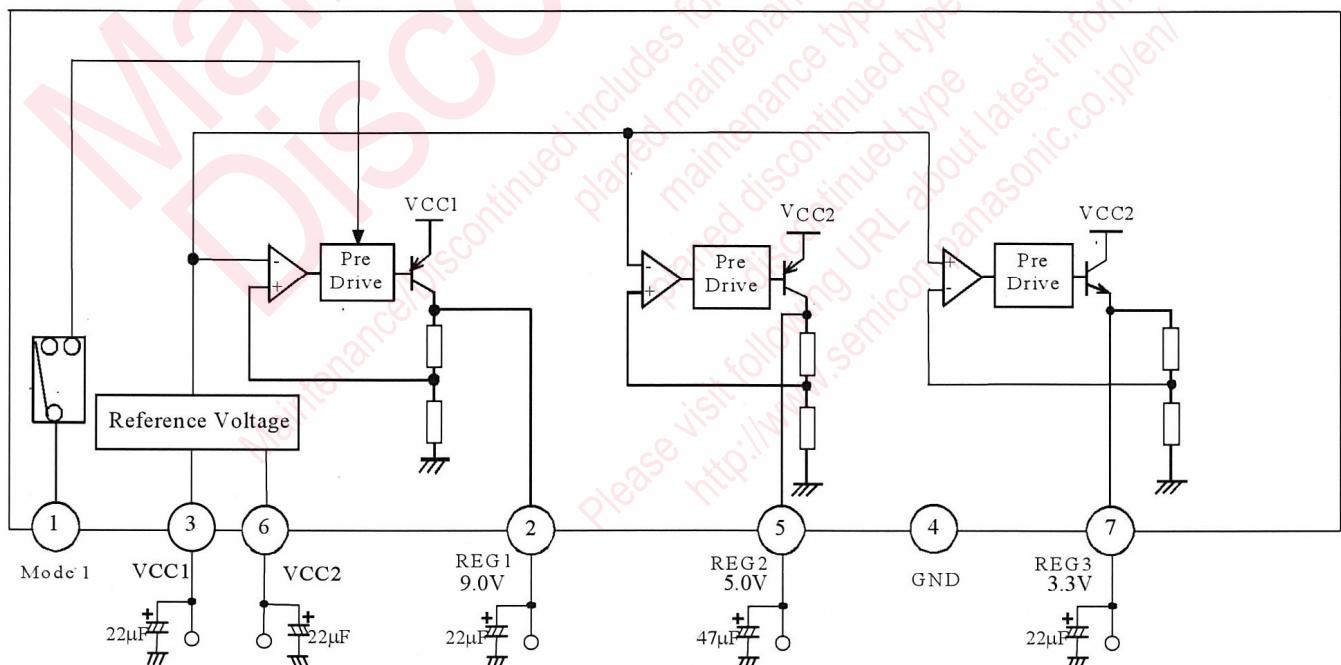
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■ Block Diagram



■ Application Circuit Example



Mode 1 'OFF'	GND
Mode 1 'ON'	3.3V

■ Pin Descriptions

Pin No.	Pin name	Description
1	MODE1	Switching ON/OFF of REG1
2	REG1	When MODE1 pin is "H", REG1 output is 9.0 V.
3	VCC1	Connected to power supply.
4	GND	Connected to the IC substrate.
5	REG2	When VCC2 is ON, REG2 output is 5.0 V.
6	VCC2	Connected to power supply.
7	REG3	When VCC2 is ON, REG3 output is 3.3 V.

■ Absolute Maximum Ratings

A No.	Parameter	Symbol	Rating	Unit	Note
1	Storage temperature	T_{stg}	-55 to +150	°C	*1
2	Operating ambient temperature	T_{opr}	-30 to +85	°C	*1
3	Operating ambient pressure	P_{opr}	$1.013 \times 10^5 \pm 0.61 \times 10^5$	Pa	
4	Operating constant acceleration	G_{opr}	9 810	m/S ²	
5	Operating shock	S_{opr}	4 900	m/S ²	
6	Power supply voltage	V_{CC}	15.0	V	
7	Power supply current	I_{CC}	2	A	
8	Power dissipation	P_D	13	W	*2

Note) *1: The temperature of all items shall be $T_a = 25^\circ\text{C}$ except storage temperature and operating ambient temperature.

*2: $T_a = 85^\circ\text{C}$ infinite heat sink.

■ Operating Supply Voltage Range

Parameter	Symbol	Range	Unit	Note
Operating supply voltage range	V_{CC1}	10.0 to 14.0	V	
	V_{CC2}	5.5 to 8.5		

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