DATA SHEET

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

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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

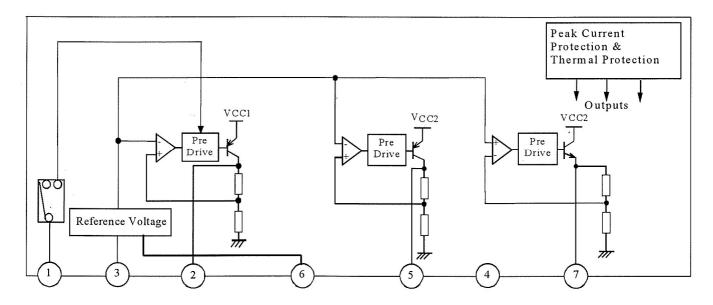
• TO-2207 pins plastic package (power type with fin)

■ Туре

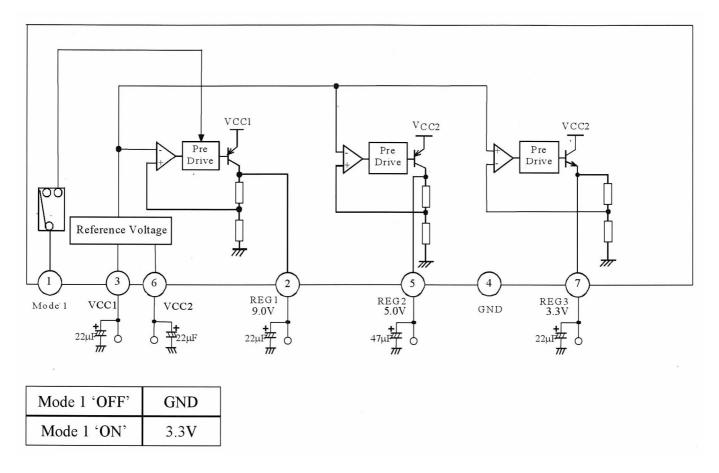
• Silicon monolithic bipolar IC

AN34040A

Block Diagram



Application Circuit Example



AN34040A

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}	$1.013 \times 10^5 \pm 0.61 \times 10^5$	Ра	
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	А	
8	Power dissipation	P _D	13	W	*2

Note) *1: The temperature of all items shall be $T_a = 25^{\circ}C$ except storage temperature and operating ambient temperature. *2: $T_a = 85^{\circ}C$ infinite heat sink.

Operating Supply Voltage Range

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

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