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AN34060A Multi voltage regulator IC

Features

- 3 outputs voltage regulator
- Peak current protection circuit
- Thermal protection circuit

Applications

• For power supply

Package

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

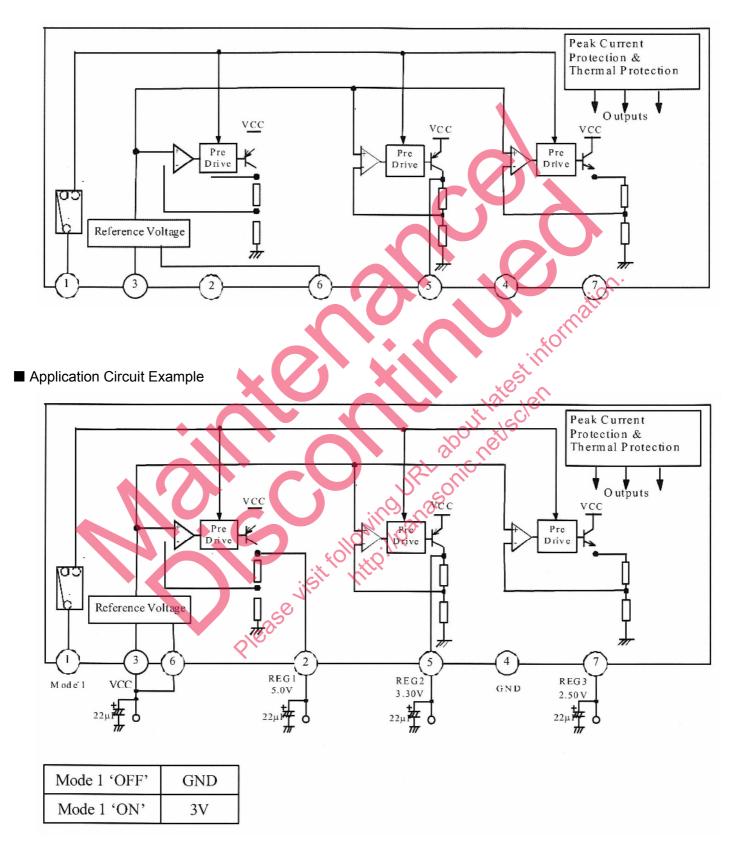
■ Туре

• Silicon monolithic bipolar IC

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AN34060A

Block Diagram



AN34060A

Pin Descriptions

Pin No.	Pin name	Description					
1	MODE1	When MODE1 pin is 5 V, REG1, REG2, REG3 output is "H".					
2	REG1	When MODE1 pin is "H". REG1 output is 5.0 V ($I_{O1(peak)} = 500$ mA min.).					
3	VCC	Connected to power supply.					
4	GND	Connected to the IC substrate.					
5	REG2	When MODE1 pin is "H". REG2 output is 3.3 V ($I_{O2(peak)} = 800$ mA min.).					
6	VCC	Connected to power supply.					
7	REG3	When MODE1 pin is "H". REG3 output is 2.5 V ($I_{O3(peak)} = 800$ mA min.).					
■ Absolute Maximum Ratings							

Absolute Maximum Ratings

						`O`	
A No.	Parameter	Symbol		Rating		Unit	Note
1	Storage temperature	T _{stg}		-55 to +150	×01	°C	*1
2	Operating ambient temperature	T _{opr}		-30 to +85	, int	°C	*1
3	Operating ambient pressure	P _{opr}	1	.013 $10^5 \pm 0.61$	105	Ра	
4	Operating constant acceleration	G _{opr}		9 810	Jer	m/S ²	
5	Operating shock	S _{opr}		4 900	3	m/S ²	
6	Power supply voltage	V _{cc}		015.0		V	
7	Power supply current	I _{CC}		P- (21)		А	
8	Power dissipation	PD	2	13		W	*2

Note) *1: The temperature of all items shall be T_a = 25°C except storage temperature and operating ambient temperature. *2: T_a = 85°C infinite heat sink.

Operating Supply Voltage Range

Parameter	Symbol	Range	Unit	Note
Operating supply voltage range	V _{CC}	6.0 to 14.0	V	

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