

DESCRIPTION

These devices consist of two independent, high gain, internally frequency-compensated operational amplifiers designed to operate from a single supply over a wide range of voltages. Operation from split supplies also is possible if the difference between the two supplies is 3V to 32V, and V_{CC} is at least 1.5V more positive than the input common-mode voltage, the low supply-current drain is independent of the magnitude of the power supply voltage.

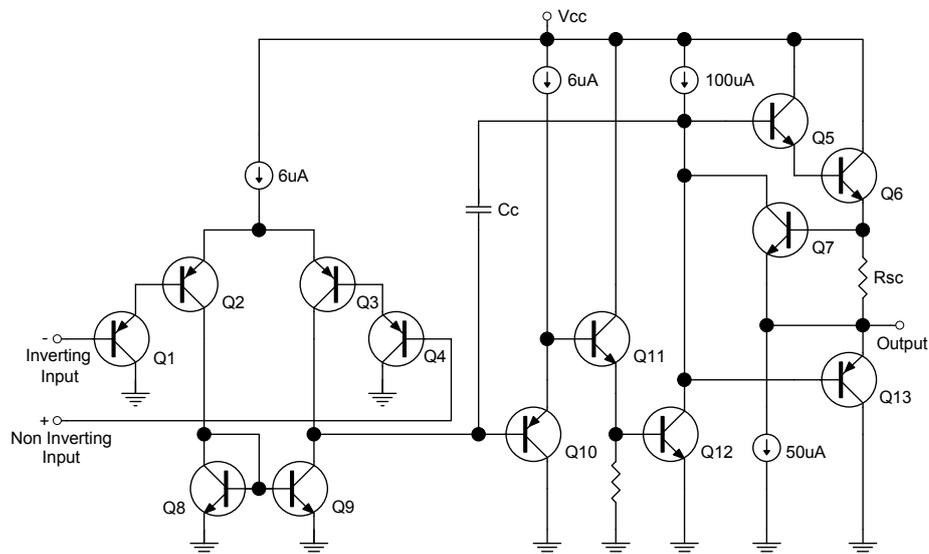
FEATURES

- Two internally compensated OP amps
- Internally frequency compensated for unity gain
- Short circuit protection
- Wide power supply range: $3V_{DC}$ to $32V_{DC}$ (Single supply)
- Input common-mode voltage range includes ground
- Large output voltage swing: $0V_{DC}$ to $V_{CC}-1.5V_{DC}$

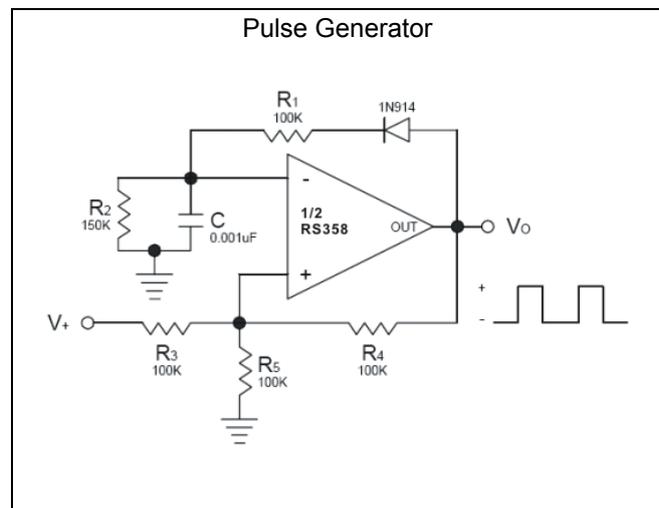
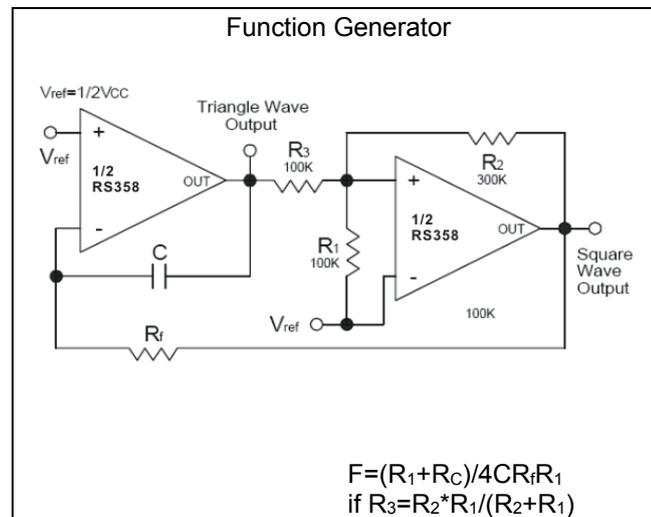
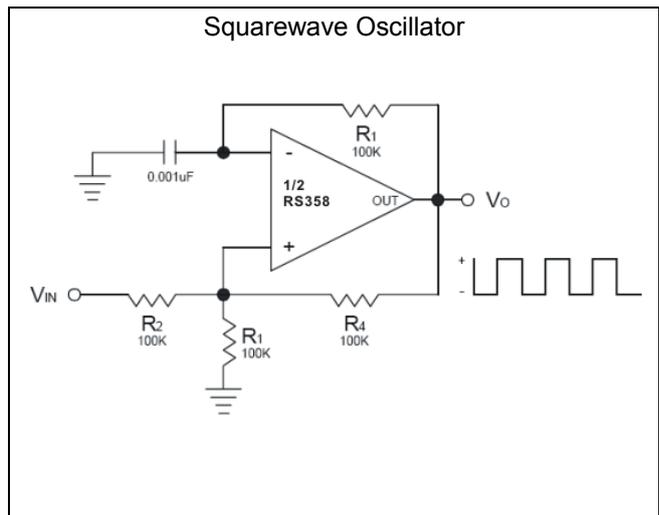
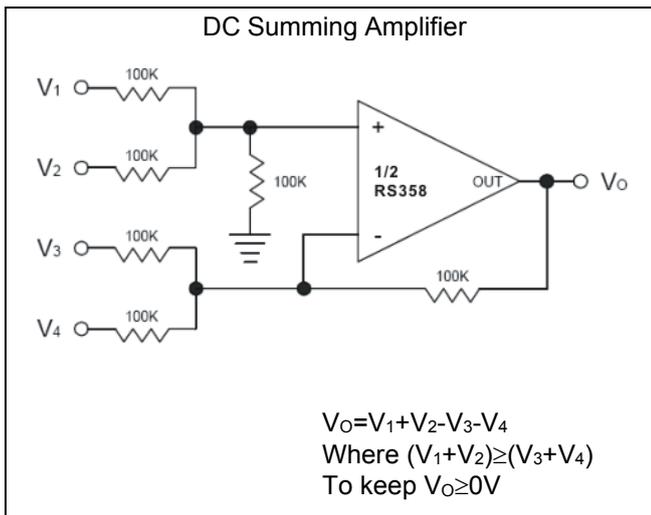
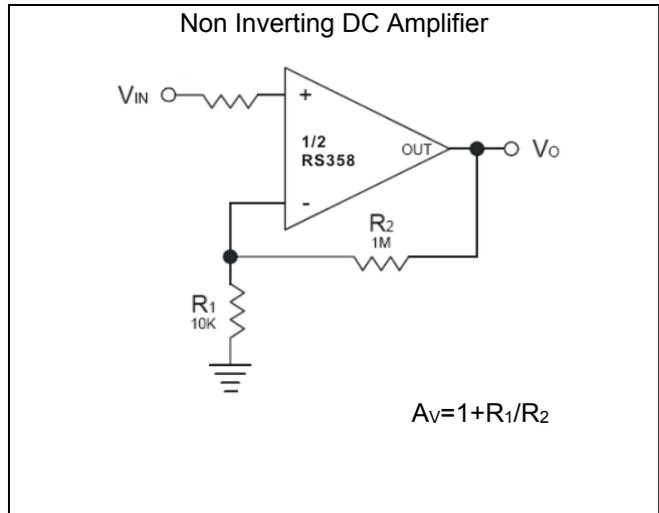
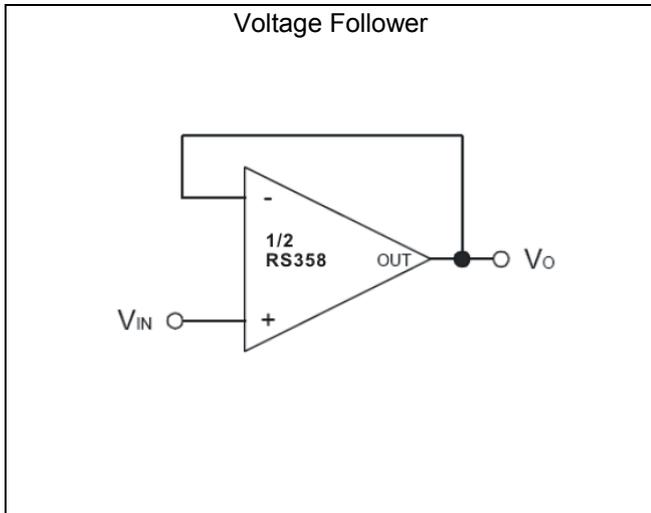
APPLICATIONS

- Electronic products
- Power supply
- Remote controller
- Consuming products

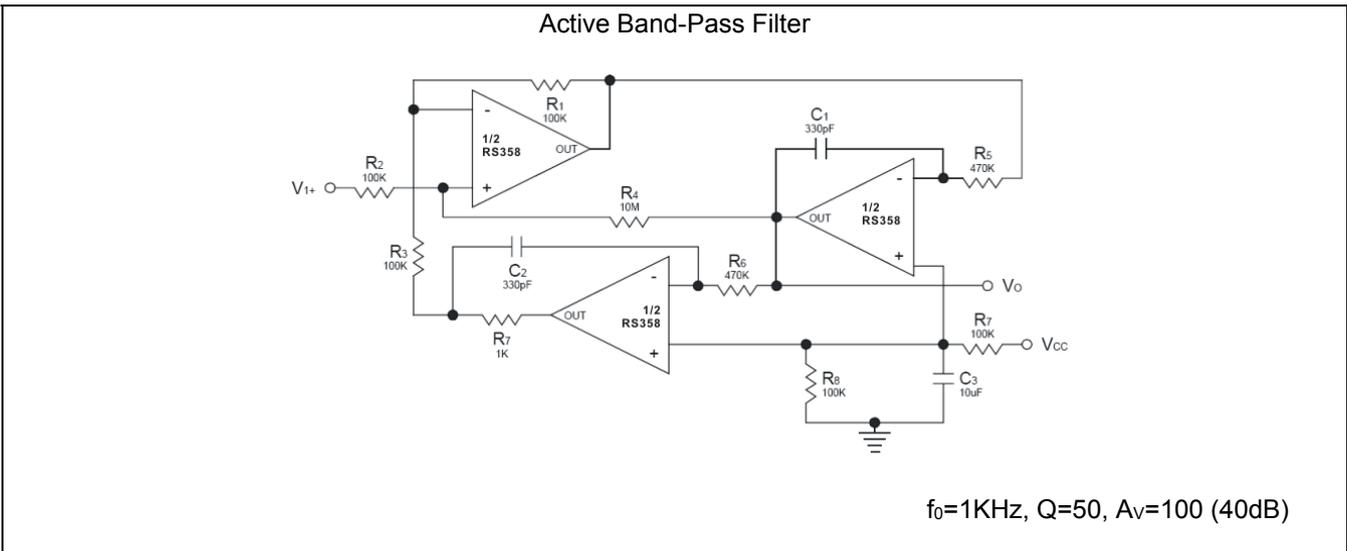
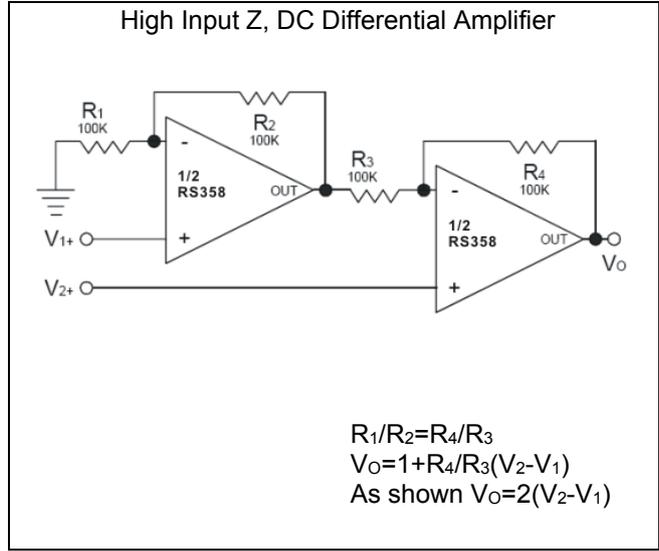
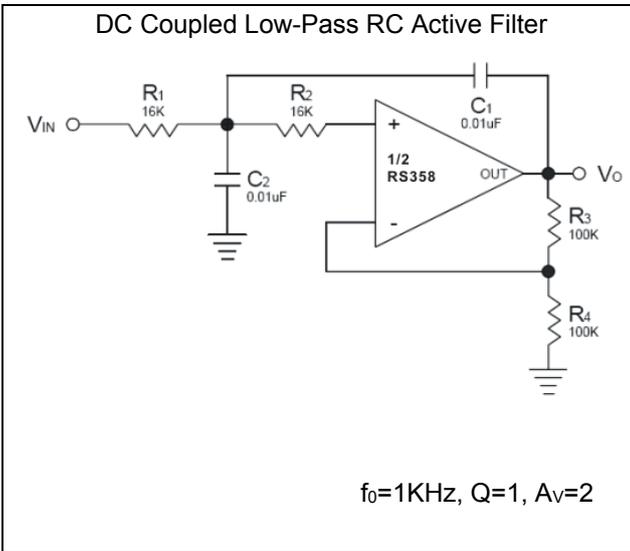
BLOCK DIAGRAM



APPLICATION CIRCUIT



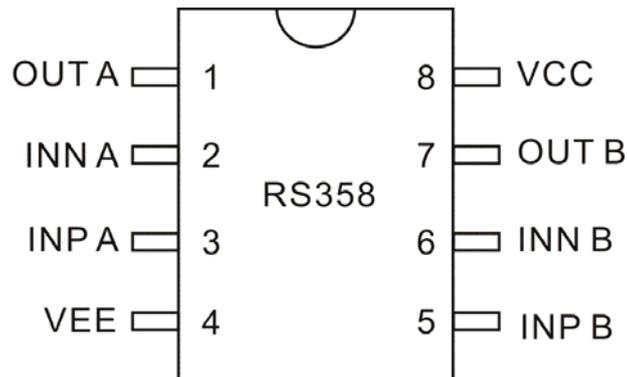
APPLICATION CIRCUIT



ORDER INFORMATION

Part Number	Package Type
RS358S	8-Pin, SOP, 150mil

PIN CONFIGURATION



PIN DESCRIPTION

Pin Name	Description	Pin No.
OUT A	Output A	1
INN A	Inverting input A (-)	2
INP A	Non inverting input A (+)	3
VEE	Connect to GND or negative voltage.	4
INP B	Non inverting input B (+)	5
INN B	Inverting input B (-)	6
OUT B	Output B	7
VCC	Supply voltage	8



IMPORTANT NOTICE

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