

**Inverting Configuration:**  
 R1, R4 open  
 R2 short  
 R3 example: 10k (sets Rin)  
 R5 sets gain:  
 Gain =  $R5/R3$

**Non-inverting Configuration**  
 R1 short  
 R2 optional (input load)  
 R3 open  
 R4 example: 10k  
 R5 sets gain:  
 Gain =  $1 + R5/R4$

C1 and C2 can be used for optional compensation or filtering  
 Refer to Texas Instruments OPA452/OPA453 datasheet

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## Power Opamp Board

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