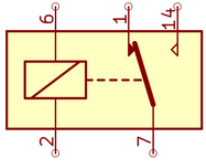


# 5 TIPS TO DESIGN BETTER



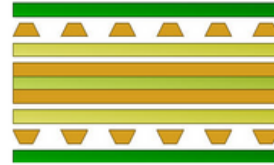
## AVOID BAD SCHEMATIC SYMBOLS

Ready-to-use symbols can often be messy and make your schematic difficult to read. A clear and well-organized schematic is a reflection of your expertise. Consider creating your own custom symbols to enhance clarity and understanding!



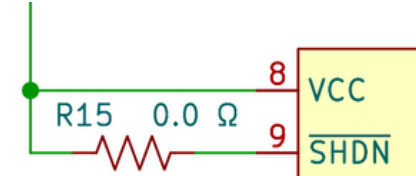
## ANNOTATE

Enhance your schematic with plenty of annotations, equations, and images. These additions not only help others understand your design more effectively but also make debugging much easier for you.



## STACKUP AND THEN LAYOUT

Define your stackup before starting the layout. It has a dramatic impact on critical factors such as trace widths (current handling and manufacturability), minimum trace spacing, via sizes, and impedance matching guidelines



## JUMPERS IS KEY

For prototypes, include 0Ω resistors wherever possible, especially in circuits where time constraints limited your design process.



## GROUND TEST POINTS

Distribute ground test points across different locations to ensure easy access during debugging.

