


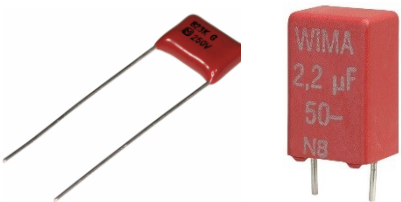


RULLYWOW.COM

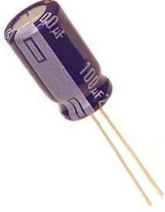



DIY GUITAR PEDAL PCB PROJECTS

Q: What kind of components will I need to complete most Rullywow.com PCB projects?

Component	Description	Image
Resistors	1/4w axial type (Xicon, KOA, Vishay etc.)	
Pots	16mm Right Angle Alpha Type. Be sure to use either insulating covers on the back or some foam tape, electrical tape to ensure the metal back doesn't short out on the back of the PCB!	
Capacitors (pF)	Ceramic Radial Type (AVX, KOA, Vishay etc.) At least 25v rating. Spacing usually about 5mm.	
Capacitors (nF) up to 2.2uF	Film Box Type (Panasonic, Kemet, Epcos, Wima, etc). 1uF may be Film or Electrolytic. Try not to get larger than 63VDC rating otherwise they may be too big. 25V-63V are typical. 5mm spacing.	

RULLYWOW.COM

DIY GUITAR PEDAL PCB PROJECTS

Component	Description	Image
Capacitors (uF)	Electrolytic Type. No taller than 11mm. Shorter (5mm or 7mm) will be easier to work with. Ensure at least 16VDC rating unless project states 25VDC. 25VDC is common. Try not to get too large voltage rating as they will be physically HUGE. 2.5mm lead spacing for most projects.	
Diodes	Through hole axial leaded (example 1N4001). Extremely common.	
Enclosure (case)	Most projects fit in a 1590B. Some in a 1590BB. A few in 125B. Check individual build docs if not sure.	
LED	Usually 3mm through-hole type. See project docs for color.	
IC	As specified by project docs. Most are DIP format. DIP sockets recommended for experimentation.	