

# Internet das Coisas

## Aula 16 – Atuadores básicos





# Atuadores

Dispositivos utilizados para executar alguma ação no mundo externo, realizando tarefas ou emitindo alertas (sonoros, visuais ou hápticos).

# Atuadores básicos



led

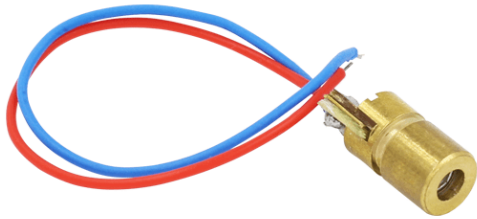


led RGB



emissor infravermelho

# Atuadores básicos



emissor laser

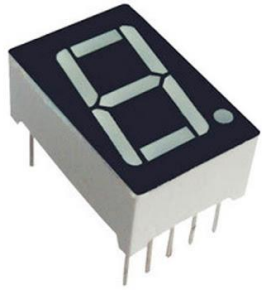


buzzer (ativo e passivo)

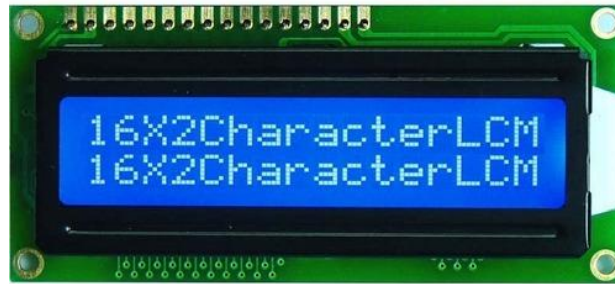


vibracall

# Atuadores básicos



display de 7 segmentos



display LCD

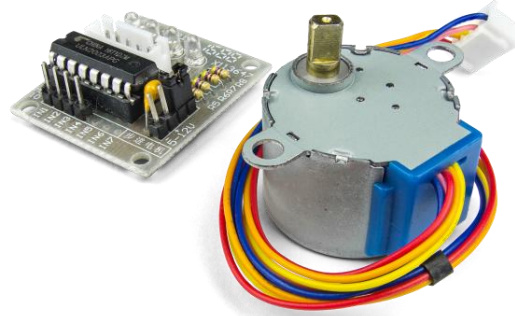


display OLED

# Atuadores básicos



motor DC

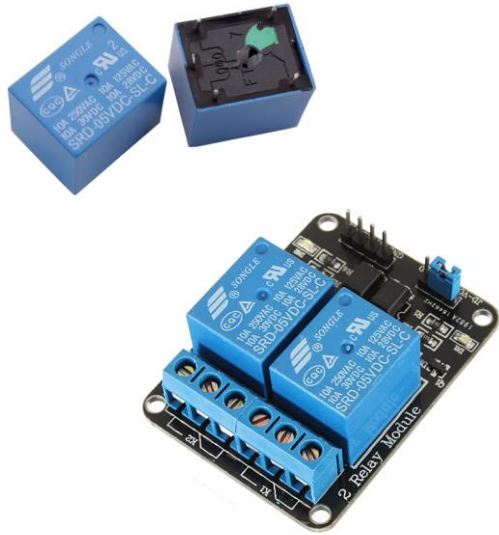


motor de passo



servomotor

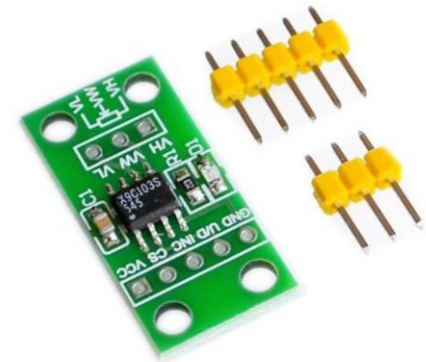
# Atuadores básicos



relé



ponte H



potenciômetro digital

# Atuadores básicos



solenóide



trava solenóide



válvula solenóide



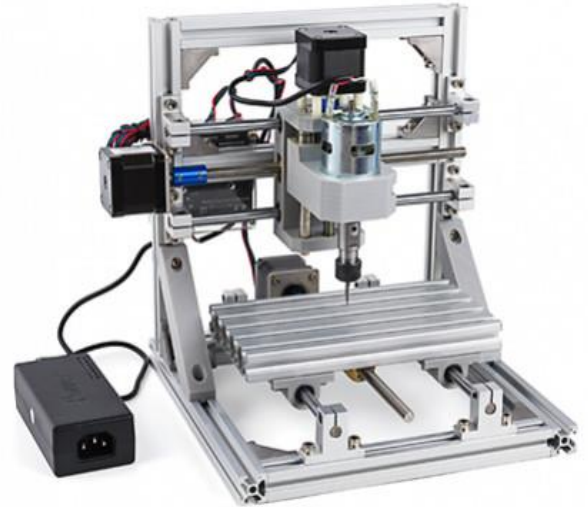
# Atuadores básicos



bomba de água



bomba de ar



ferramentas em geral