Centro Federal de Educação Tecnológica de Santa Catarina
Departamento Acadêmico de Eletrônica
Desenho Técnico

# Explicação do Funcionamento do Circuito a Ser Montado

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Florianópolis, fevereiro de 2008.

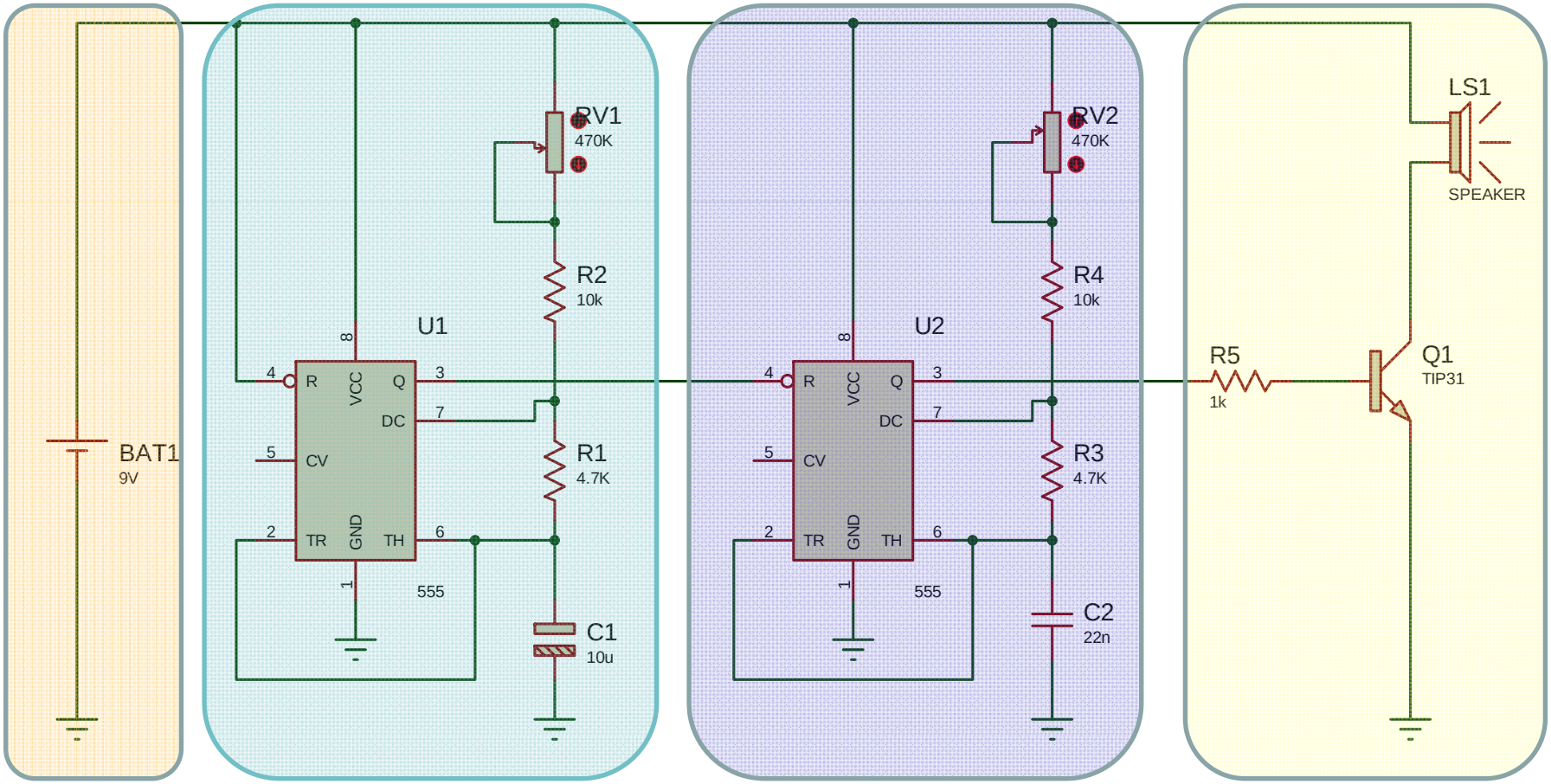
# Nesta aula

**Tópicos de estudo:**

1. O circuito a ser montado;
2. Multivibrador 555;
3. Oscilador com o 555;
4. Modulando o sinal gerado pelo 555;
5. Amplificando o sinal;
6. O circuito completo.

# Circuito a ser montado

**Sirene modulada:**



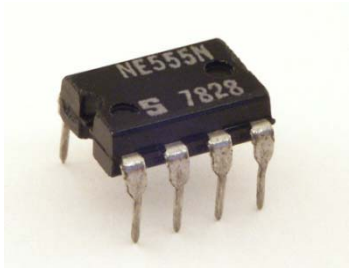

Fonte

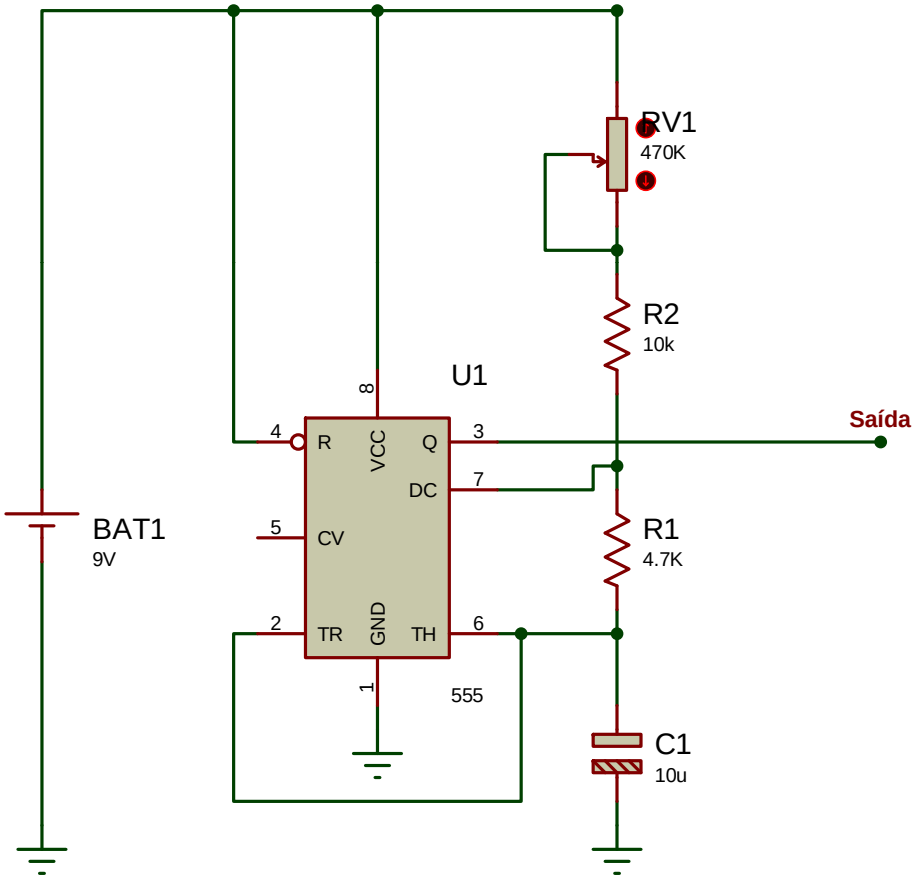
Primeiro oscilador

Segundo oscilador

Amplificador

# Multivibrador 555



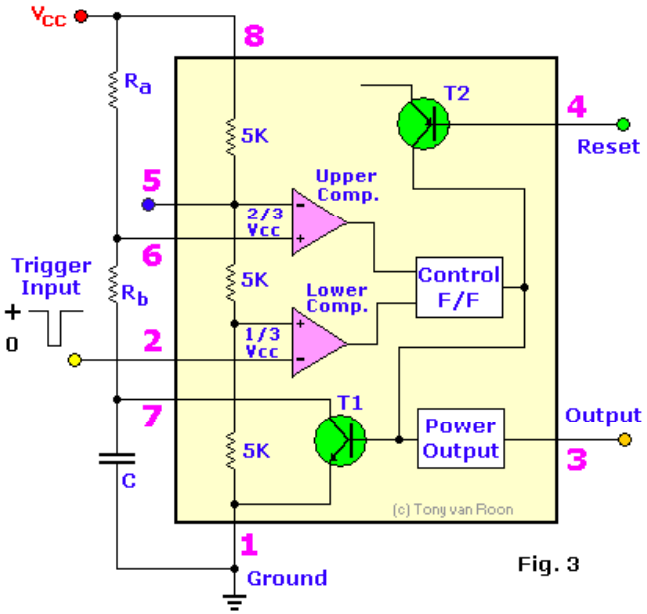
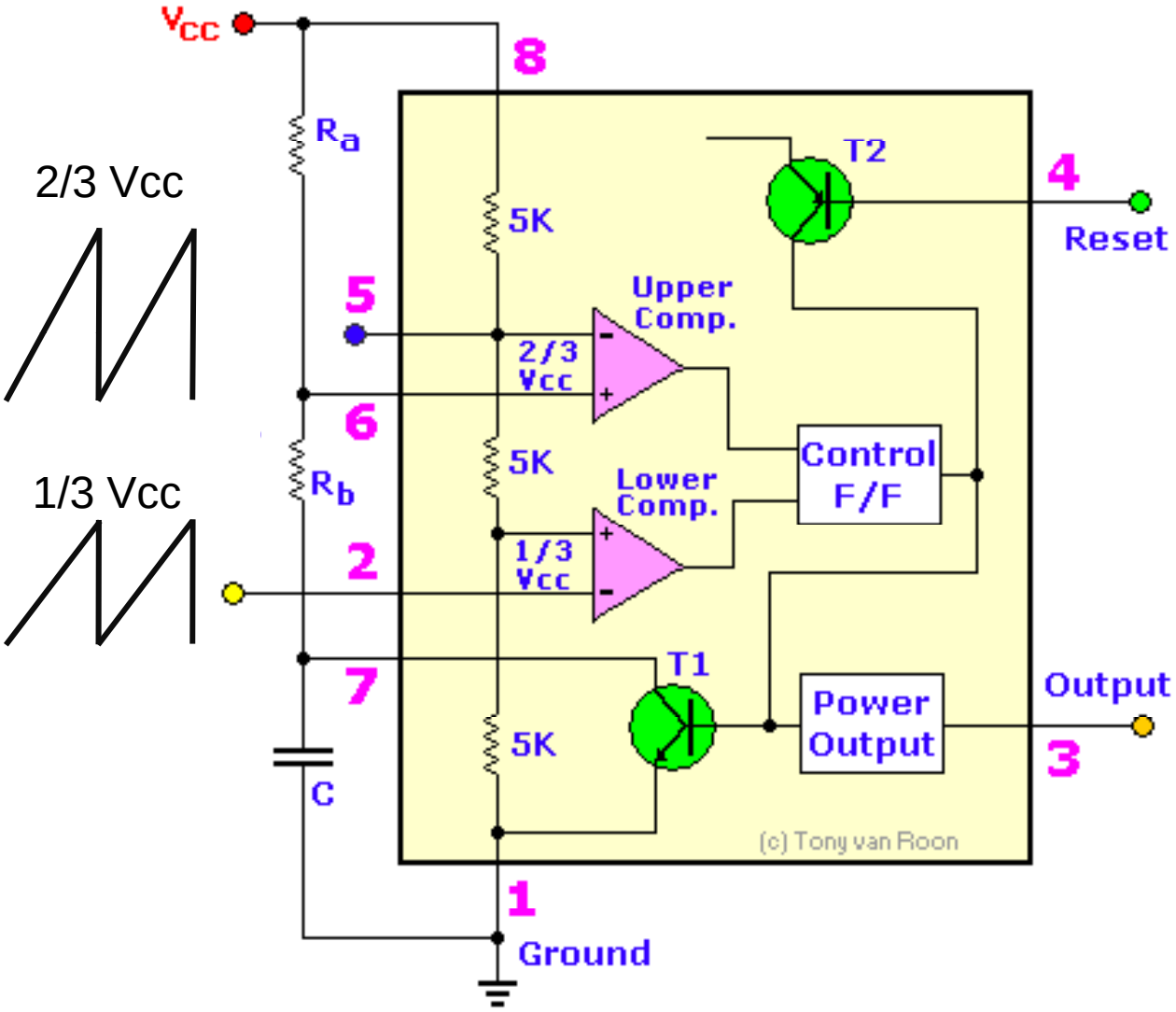
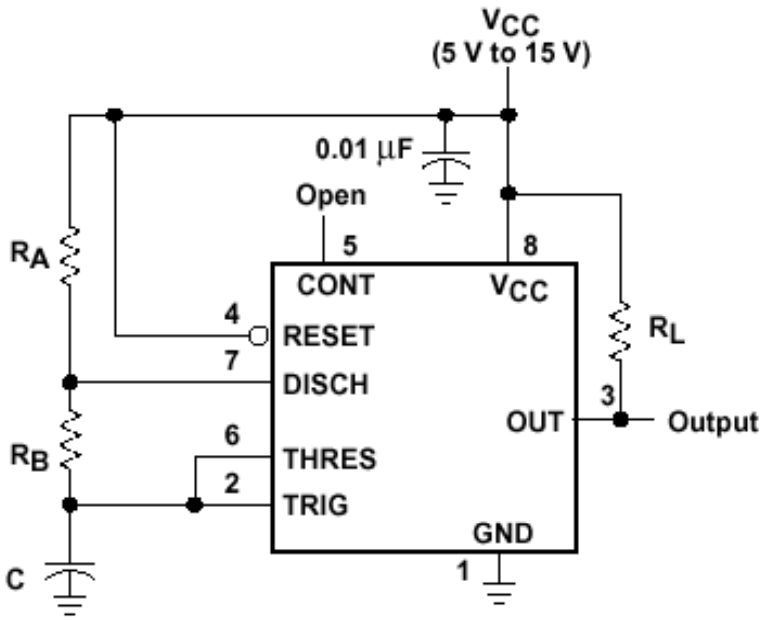



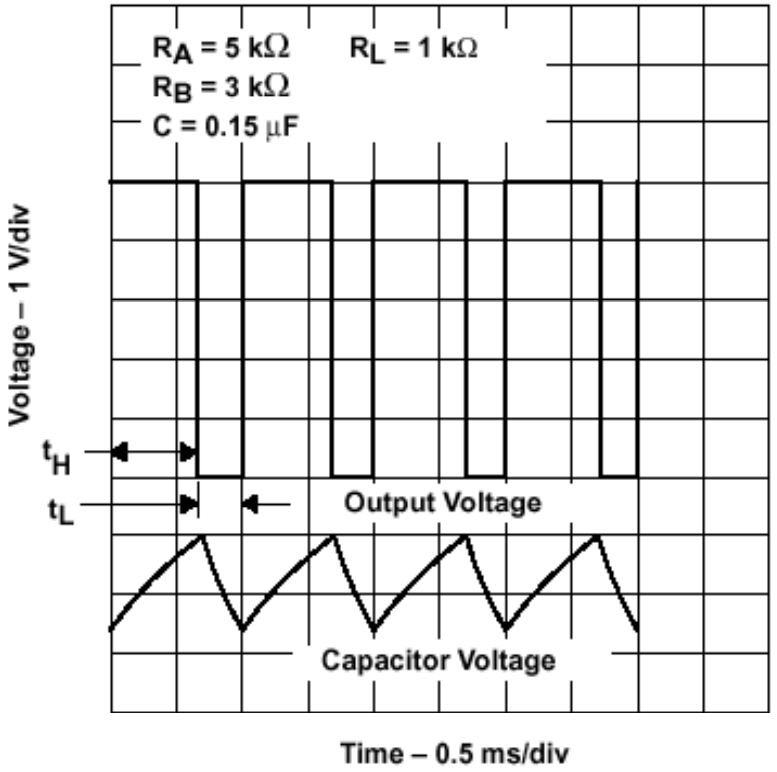

Fig. 3

# Multivibrador 555

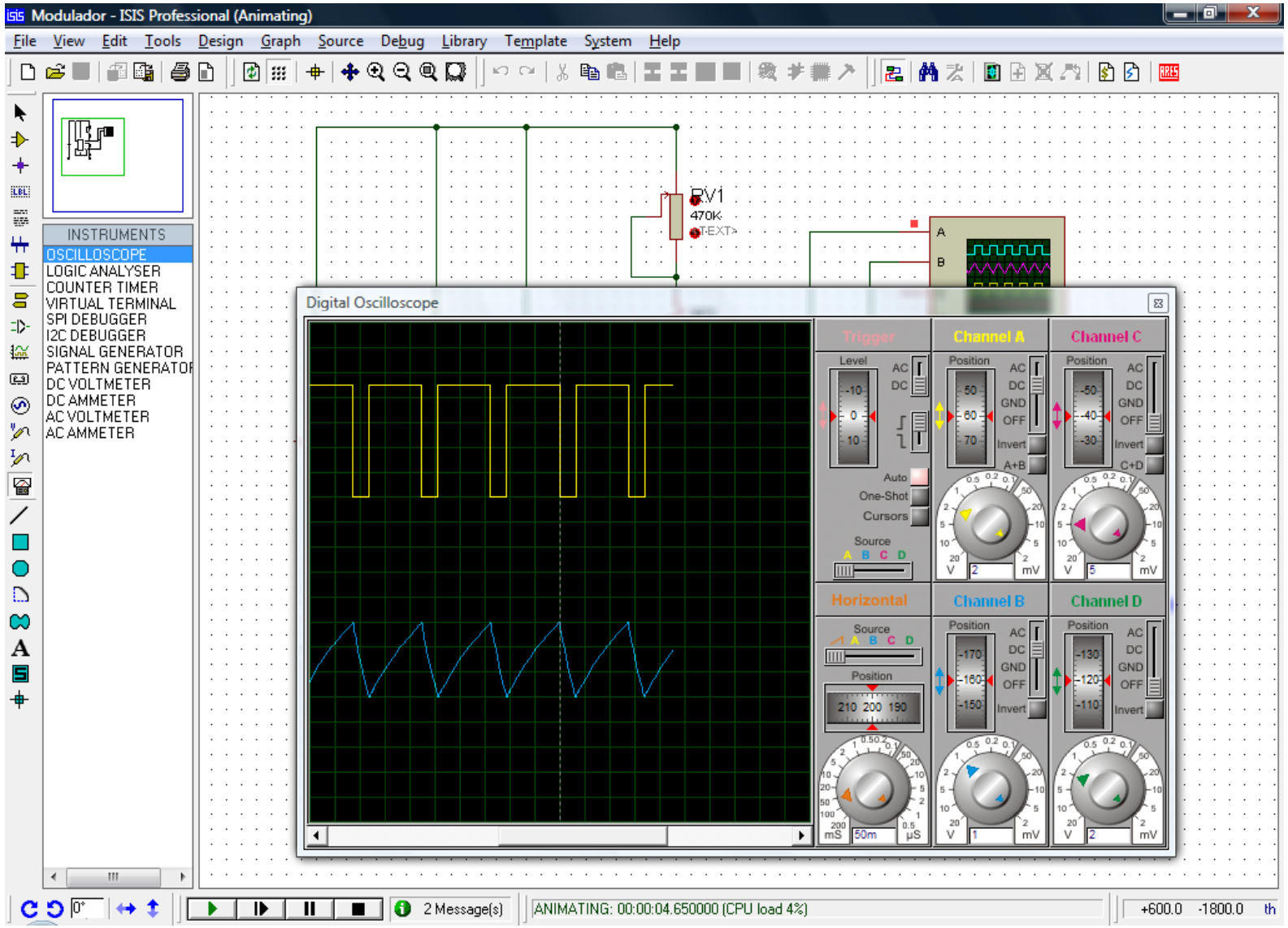


# Oscilador com o 555

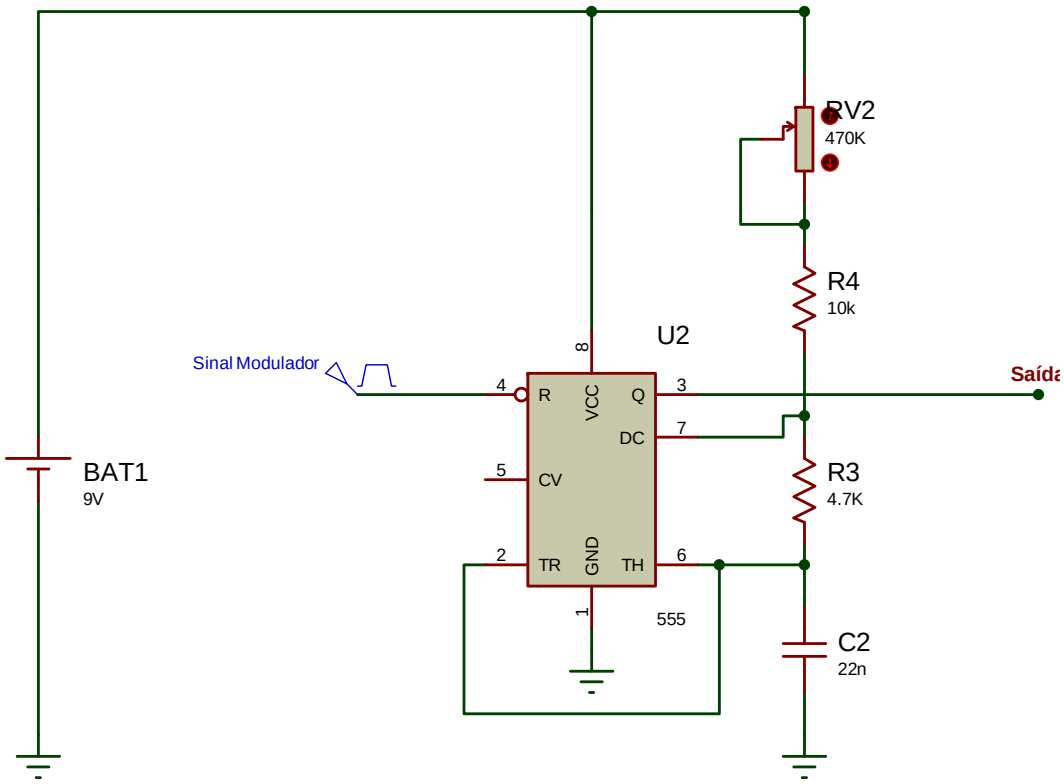


# Oscilador com o 555



# Modulando o sinal gerado pelo 555



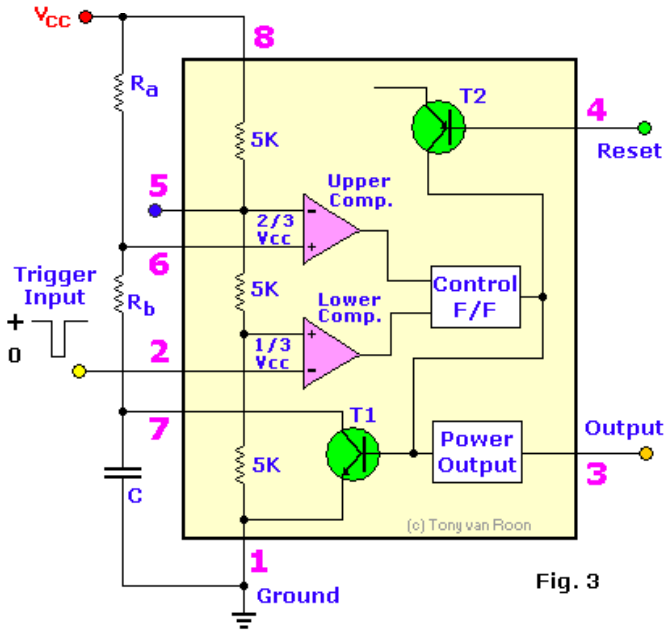
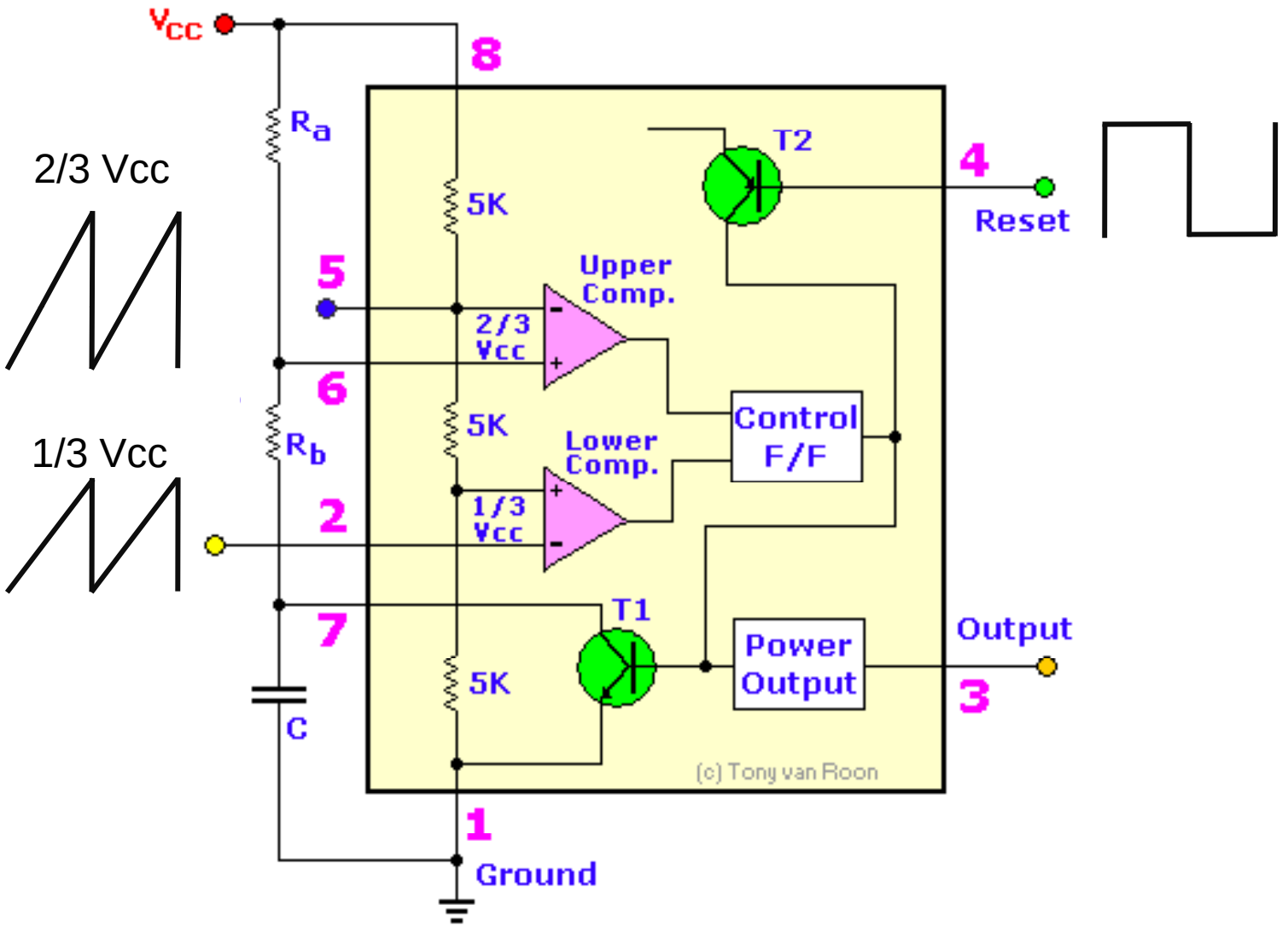
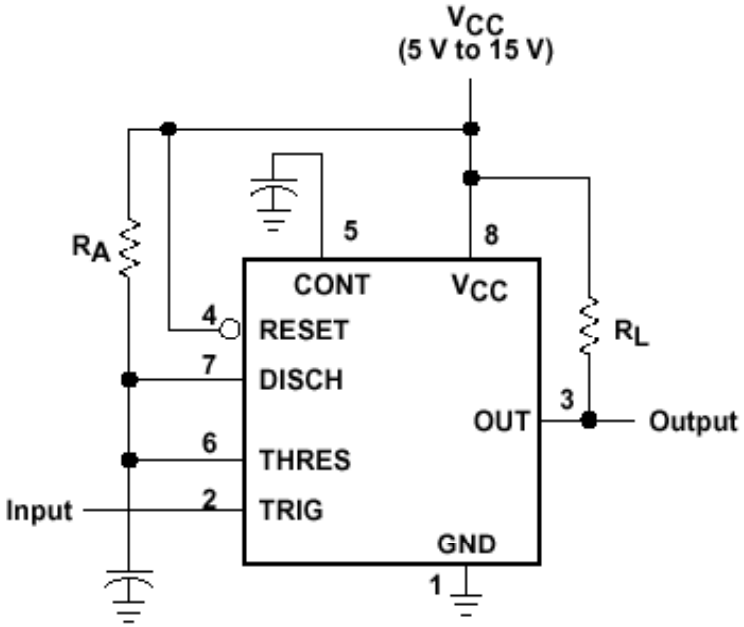



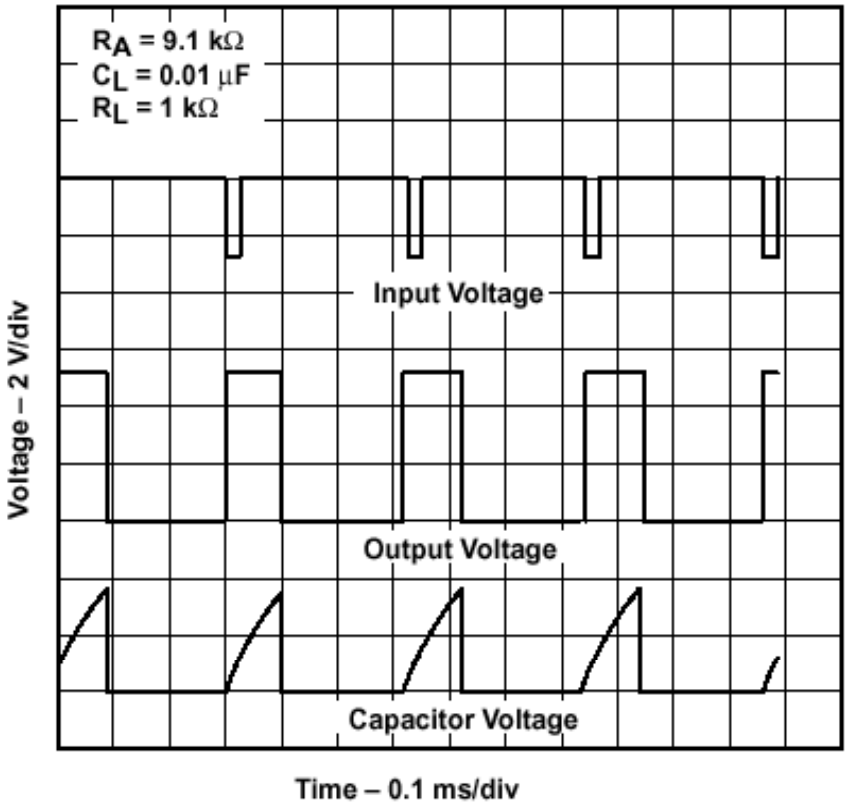

Fig. 3

# Modulando o sinal gerado pelo 555

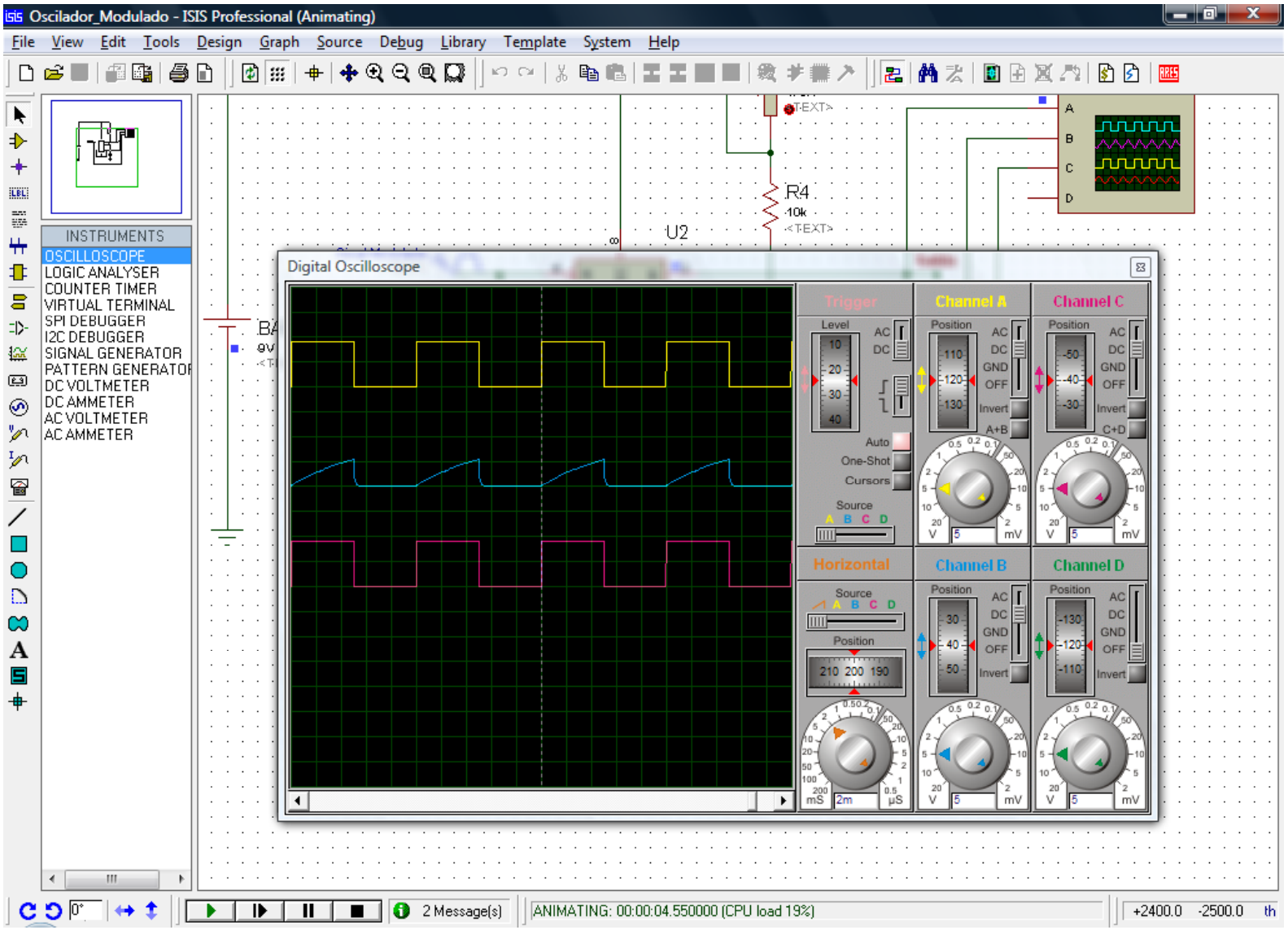


# Modulando o sinal gerado pelo 555

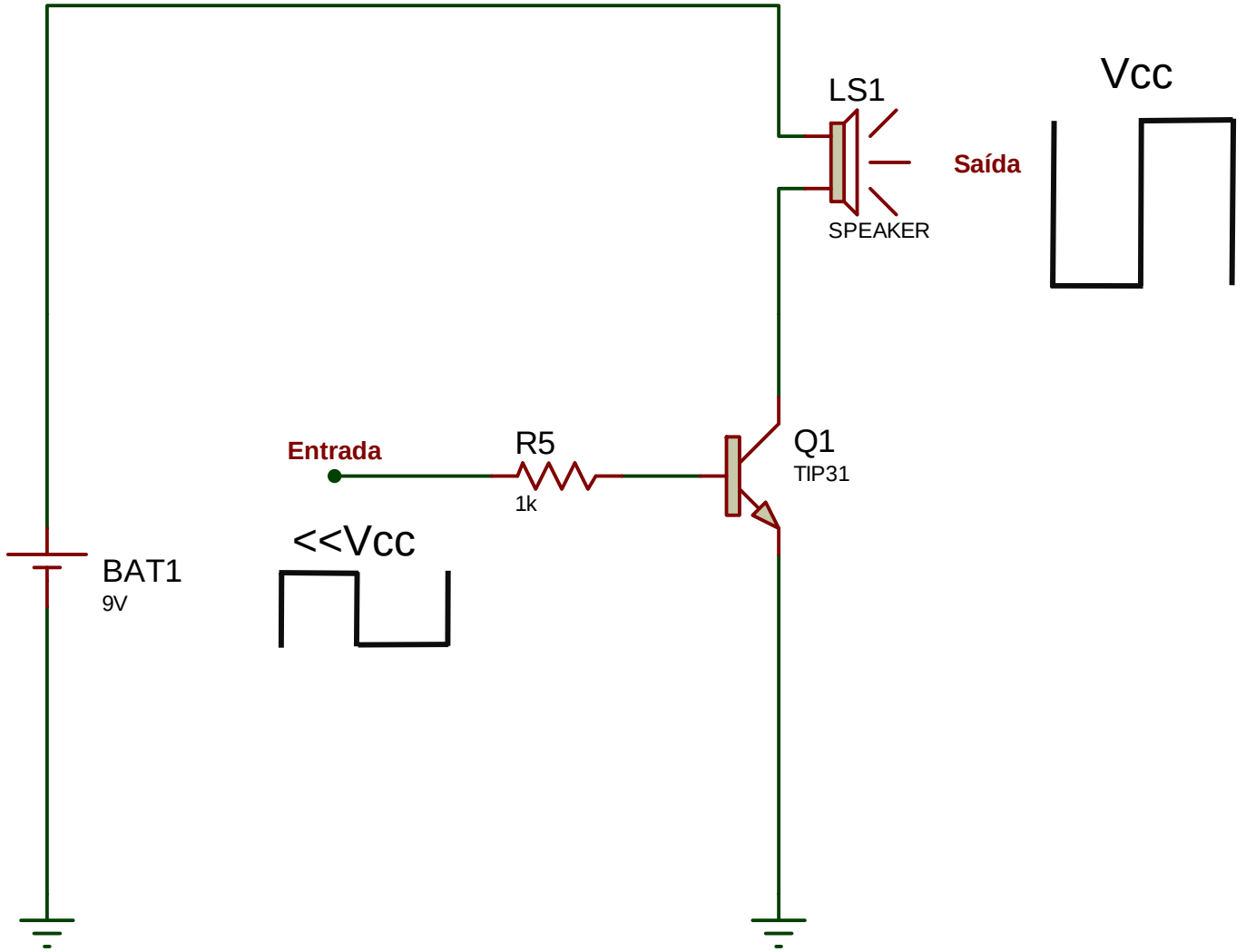


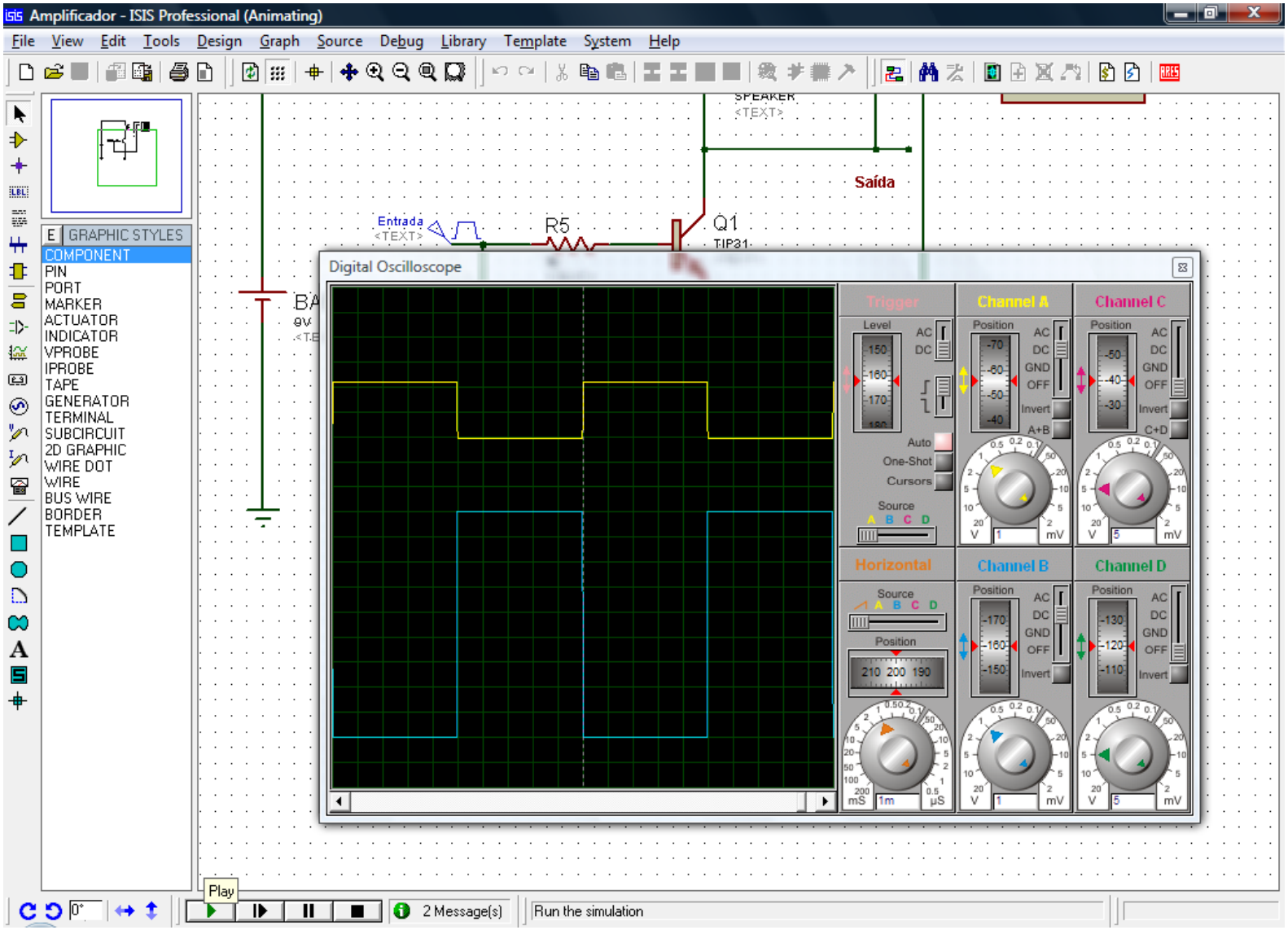
# Modulando o sinal gerado pelo 555



# Amplificando o sinal

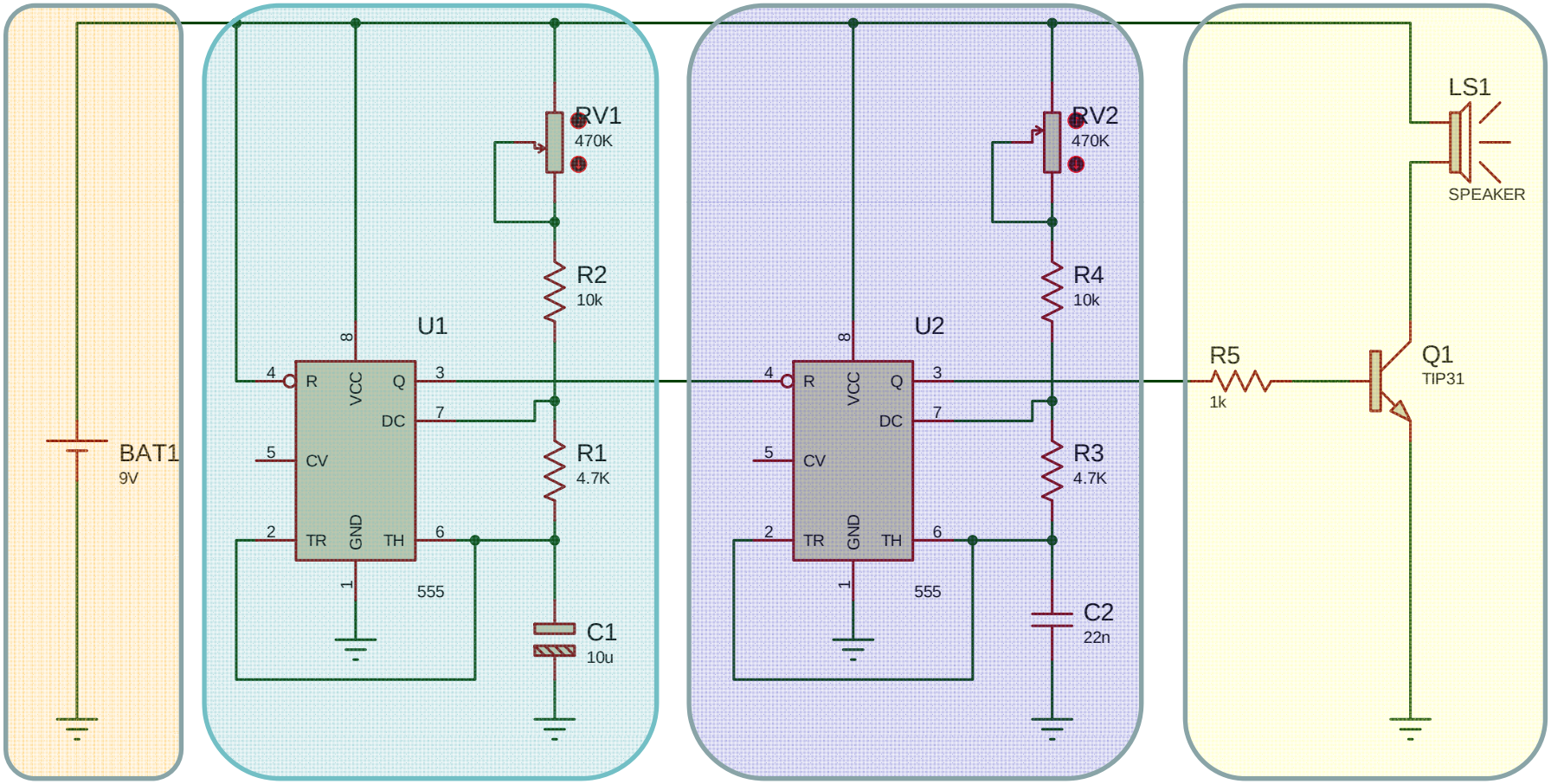


# Amplificando o sinal



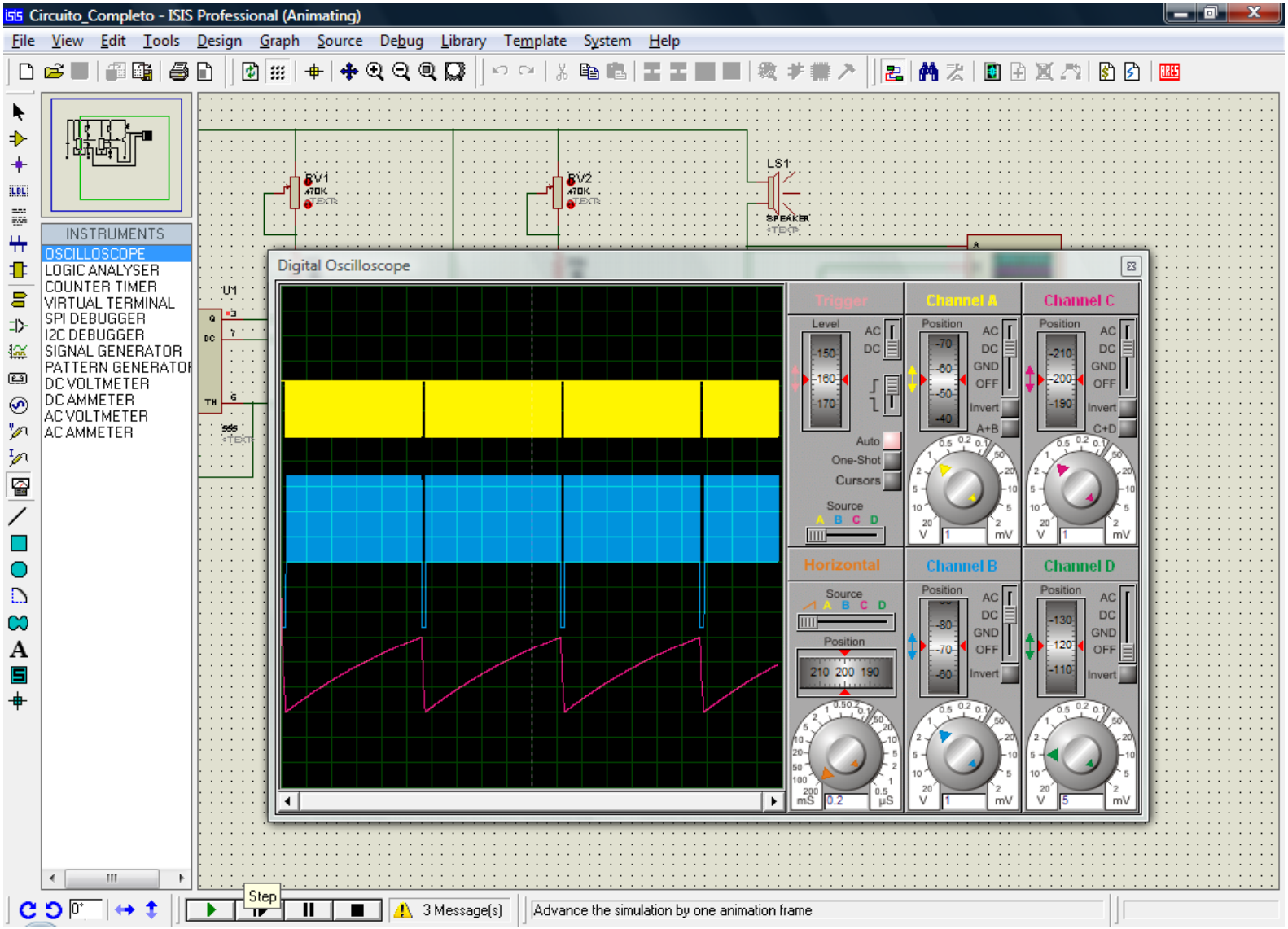
# Circuito completo

**Sirene modulada:**




Fonte | Primeiro oscilador | Segundo oscilador | Amplificador

# Circuito completo



# Próxima aula

**Assunto:**

1. Introdução ao Proteus.