$$V_g \stackrel{i(t)}{\stackrel{+}{-}} \stackrel{L}{V_L(t)} \stackrel{R_L}{\stackrel{-}{-}} \qquad \stackrel{i_C(t)}{\stackrel{+}{-}} \stackrel{R}{C} \stackrel{A}{I_R} \stackrel{+}{\stackrel{+}{-}} \stackrel{v(t)}{\stackrel{-}{-}} \qquad \stackrel{+}{\stackrel{-}{-}} \stackrel{C}{\stackrel{-}{-}} \stackrel{R}{\longrightarrow} \stackrel{A}{I_R} \stackrel{+}{\stackrel{+}{\longrightarrow}} \stackrel{V(t)}{\stackrel{-}{\longrightarrow}} \stackrel{+}{\longrightarrow} \stackrel{C}{\longrightarrow} \stackrel{R}{\longrightarrow} \stackrel{A}{\longrightarrow} \stackrel{A}{$$