$$U_0 \downarrow 0 \qquad \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad U_C(t) \qquad \qquad U_C(t) \qquad U_C(t) \qquad \qquad U_C(t) \qquad \qquad U_C(t) \qquad U_C(t)$$