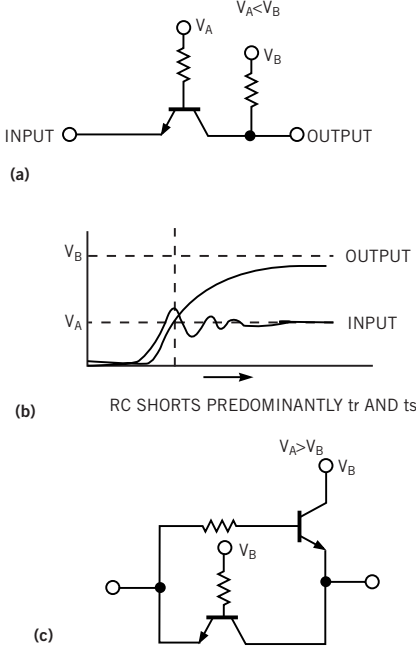


Figure 2



Level translation in one direction requires half of the open-drain translation circuit (a). For a low-to-high transition, RC effects do not appear until the output rises to about 0.5V below the lower supply voltage (b). The circuit also works for translating from high to low voltages ($V_B < V_A$), and you can replace the resistor with an active pullup (c).