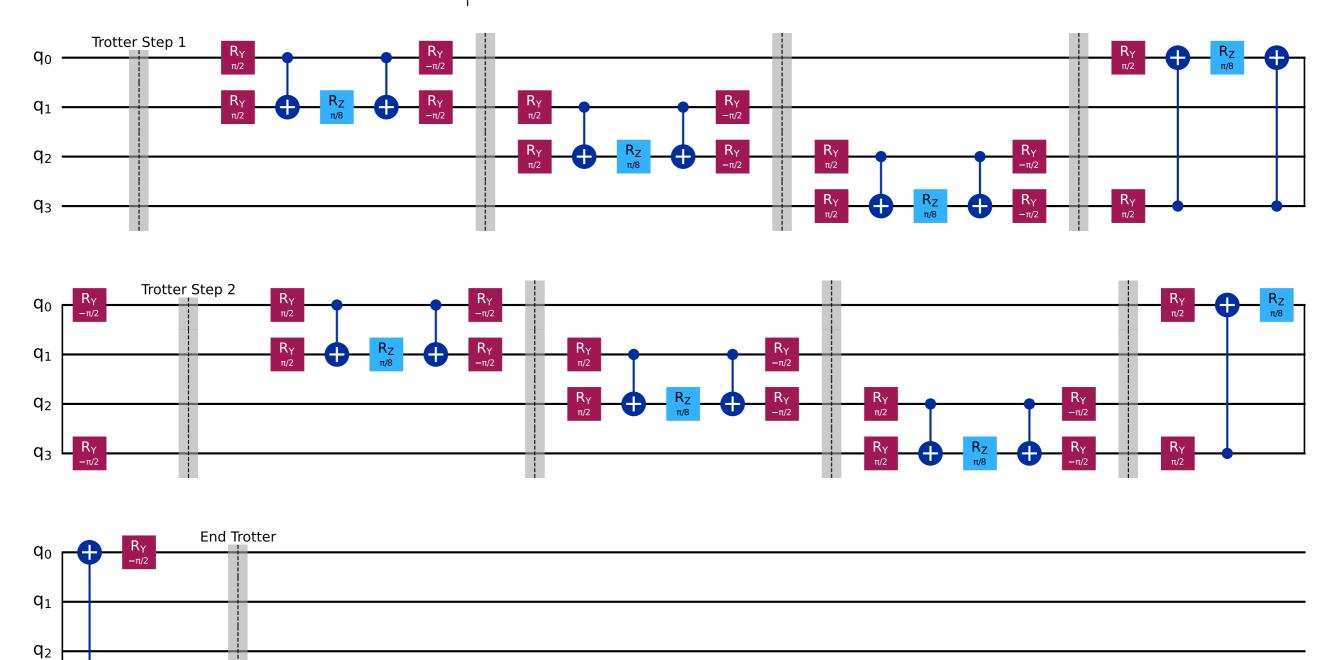
Ring XY Mixer - 2 Trotter Steps Ring Interactions: [(0, 1), (1, 2), (2, 3), (3, 0)]  $H = \sum_{i} (X_i X_{i+1} + Y_i Y_{i+1}) - \text{Small steps repeated}$ 



 $q_3$