

$$q2sin1 = 0.05 \sin\left[95 \, t + \frac{\pi}{2}\right];$$

$$q2sin2 = \sin\left[100 \, t + \frac{\pi}{2}\right];$$

$$q2sin3 = 0.05 \sin\left[105 \, t + \frac{\pi}{2}\right];$$