# 怎么算步进电机的角度

[步进电机](https://www.baidu.com/s?wd=%E6%AD%A5%E8%BF%9B%E7%94%B5%E6%9C%BA&tn=44039180_cpr&fenlei=mv6quAkxTZn0IZRqIHckPjm4nH00T1d-PWF9Pjf3nAfkPyu9m1Nb0ZwV5Hcvrjm3rH6sPfKWUMw85HfYnjn4nH6sgvPsT6KdThsqpZwYTjCEQLGCpyw9Uz4Bmy-bIi4WUvYETgN-TLwGUv3EnWbsPH64PW6d" \t "https://zhidao.baidu.com/question/_blank)通常1.8度（200步走一圈） 0.9度（400步走一圈）步进角，也就说给[步进电机](https://www.baidu.com/s?wd=%E6%AD%A5%E8%BF%9B%E7%94%B5%E6%9C%BA&tn=44039180_cpr&fenlei=mv6quAkxTZn0IZRqIHckPjm4nH00T1d-PWF9Pjf3nAfkPyu9m1Nb0ZwV5Hcvrjm3rH6sPfKWUMw85HfYnjn4nH6sgvPsT6KdThsqpZwYTjCEQLGCpyw9Uz4Bmy-bIi4WUvYETgN-TLwGUv3EnWbsPH64PW6d" \t "https://zhidao.baidu.com/question/_blank)一个脉冲，[步进电机](https://www.baidu.com/s?wd=%E6%AD%A5%E8%BF%9B%E7%94%B5%E6%9C%BA&tn=44039180_cpr&fenlei=mv6quAkxTZn0IZRqIHckPjm4nH00T1d-PWF9Pjf3nAfkPyu9m1Nb0ZwV5Hcvrjm3rH6sPfKWUMw85HfYnjn4nH6sgvPsT6KdThsqpZwYTjCEQLGCpyw9Uz4Bmy-bIi4WUvYETgN-TLwGUv3EnWbsPH64PW6d" \t "https://zhidao.baidu.com/question/_blank)走一个步距角（整步的时候）。  
步进电机需要用步进电机驱动器驱动，现在市面上大多是带细分的步进驱动器。如果驱动器细分数16，那么1.8度的电机16\*200，3200个脉冲走一圈。

[步进电机](https://www.baidu.com/s?wd=%E6%AD%A5%E8%BF%9B%E7%94%B5%E6%9C%BA&tn=44039180_cpr&fenlei=mv6quAkxTZn0IZRqIHckPjm4nH00T1d-uHw-njRYPhf4rHNBPHP-0ZwV5Hcvrjm3rH6sPfKWUMw85HfYnjn4nH6sgvPsT6KdThsqpZwYTjCEQLGCpyw9Uz4Bmy-bIi4WUvYETgN-TLwGUv3EnW0sPjnLrHm3" \t "https://zhidao.baidu.com/question/_blank)旋转周360度用360/0.9=400步进驱器细设定400表示步进驱器发400脉冲[步进电机](https://www.baidu.com/s?wd=%E6%AD%A5%E8%BF%9B%E7%94%B5%E6%9C%BA&tn=44039180_cpr&fenlei=mv6quAkxTZn0IZRqIHckPjm4nH00T1d-uHw-njRYPhf4rHNBPHP-0ZwV5Hcvrjm3rH6sPfKWUMw85HfYnjn4nH6sgvPsT6KdThsqpZwYTjCEQLGCpyw9Uz4Bmy-bIi4WUvYETgN-TLwGUv3EnW0sPjnLrHm3" \t "https://zhidao.baidu.com/question/_blank)旋转周