Find number of pairs in an array such that their XOR is 0

Given an array A_i of size N. Find the number of pairs (i, j) such that A_i XOR A_i = 0, and 1 <= i < j <= N.

```
def calculate(a) :
    # Finding the maximum of the array
    maximum = max(a)
    # Creating frequency array
    # With initial value 0
    frequency = [0 \text{ for } x \text{ in } range(maximum + 1)]
    # Traversing through the array
    for i in a :
        # Counting frequency
        frequency[i] += 1
    answer = 0
    # Traversing through the frequency array
    for i in frequency:
        # Calculating answer
        answer = answer + i * (i - 1) // 2
    return answer
# Driver Code
a = [1, 2, 1, 2, 4]
print(calculate(a))
```