7.2   The modification does not differ too much from the Box 7.5. It is left to the readers.

Some variables and procedures should be notified here: Ns initiated with $N/2$ in stead of N, the range of the loop variable m should be reduced to 0 to$((N/8)-1)$, two sets of twiddle factor should be generated instead of one, four butterflies are computed concurrently and four results should be written and read in stead of two.