

# DSP PROCESSOR PROJECT

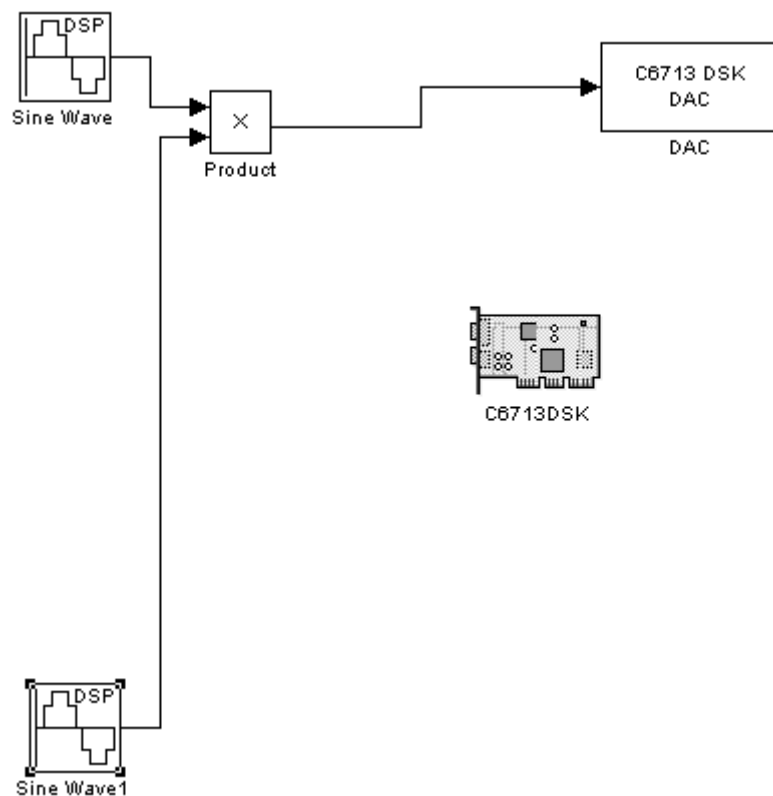


## DSB – SC:

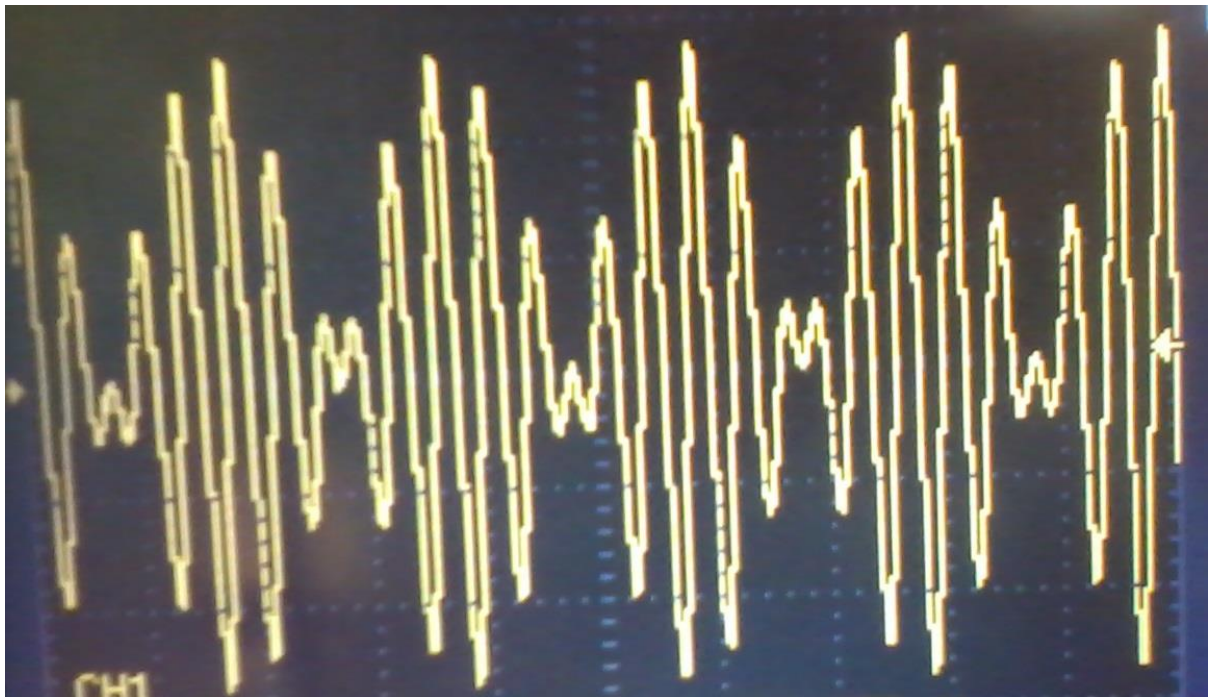
### Modulation

Message: 100 Hz

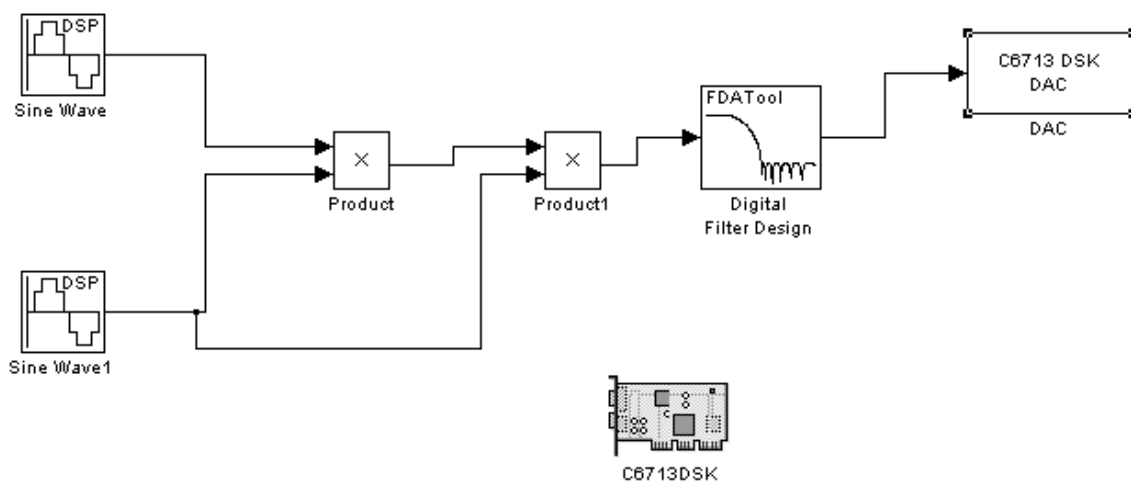
Carrier: 1 kHz



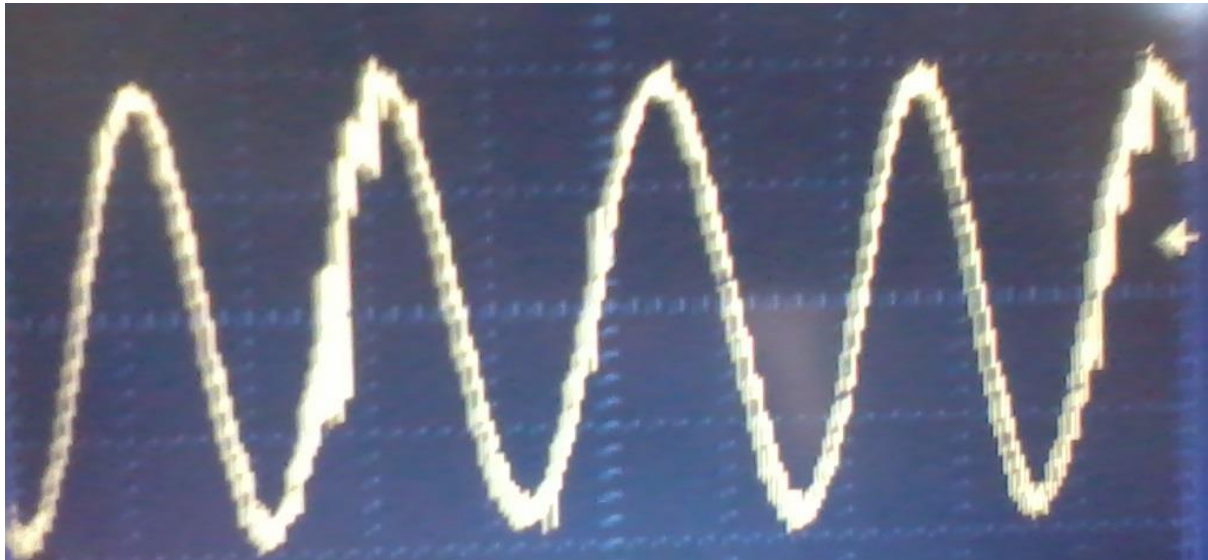
## Signal



## Demodulation



Demodulated wave

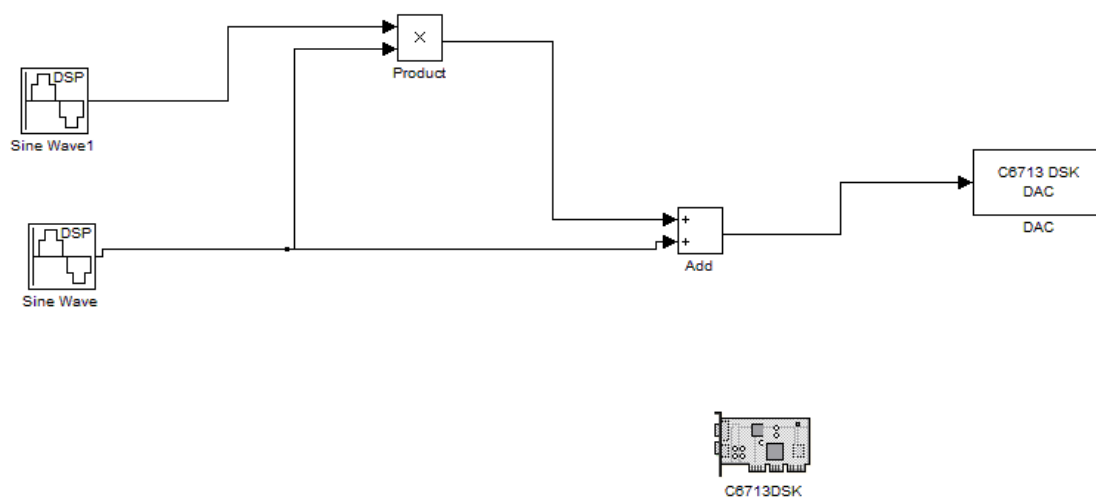


## DSB – AM :

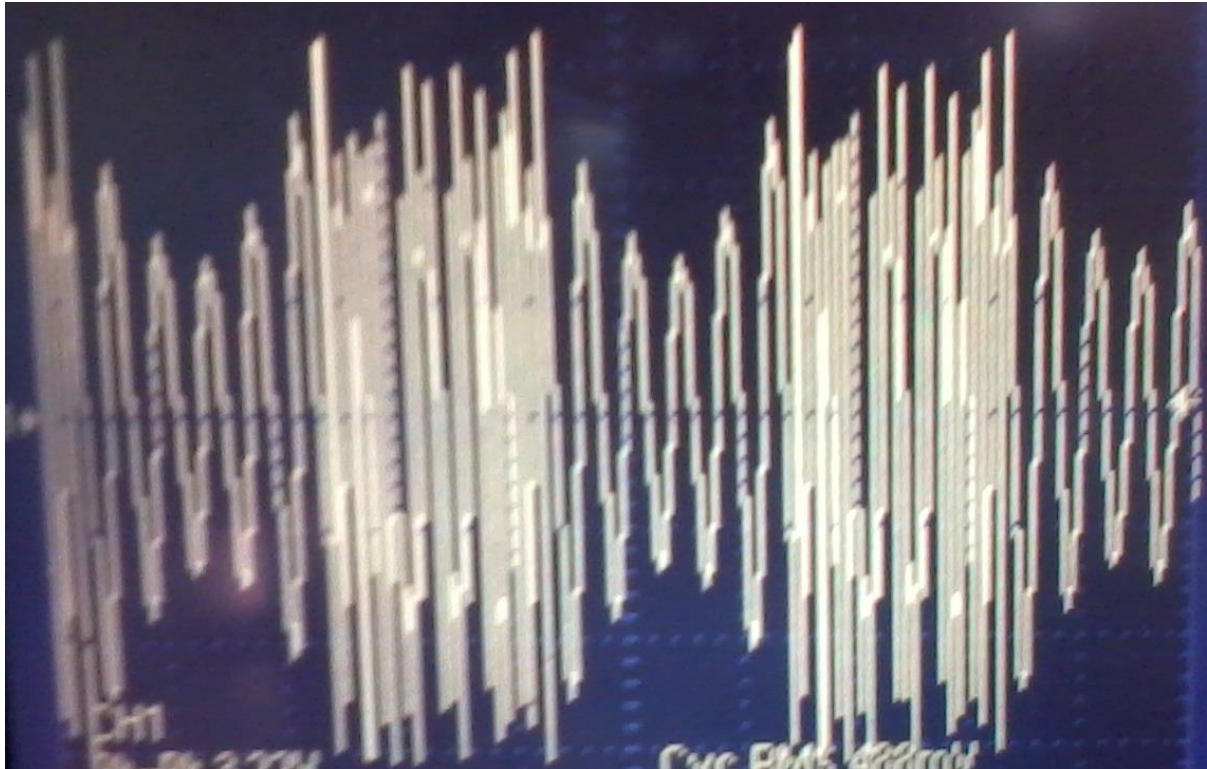
### **Modulation:**

Message: 100Hz

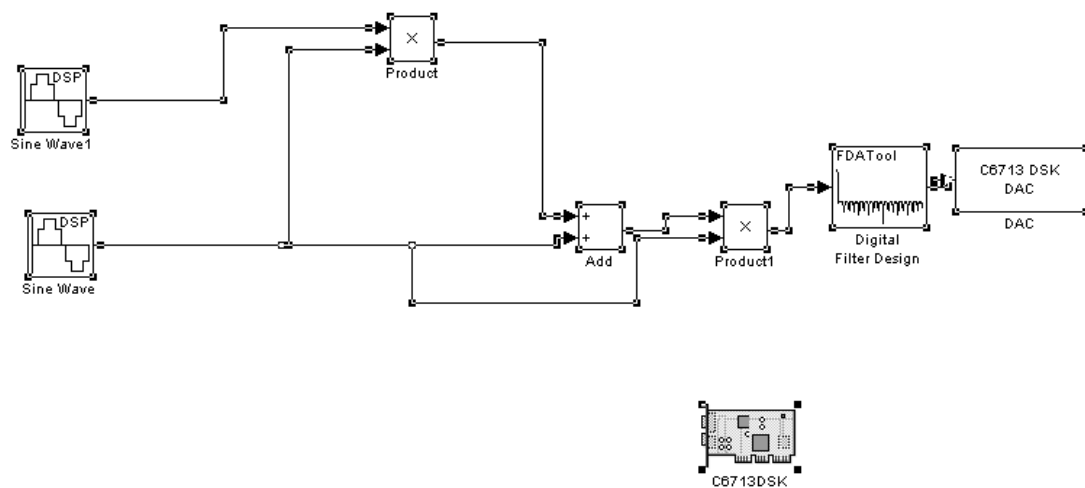
Carrier: 1 kHz



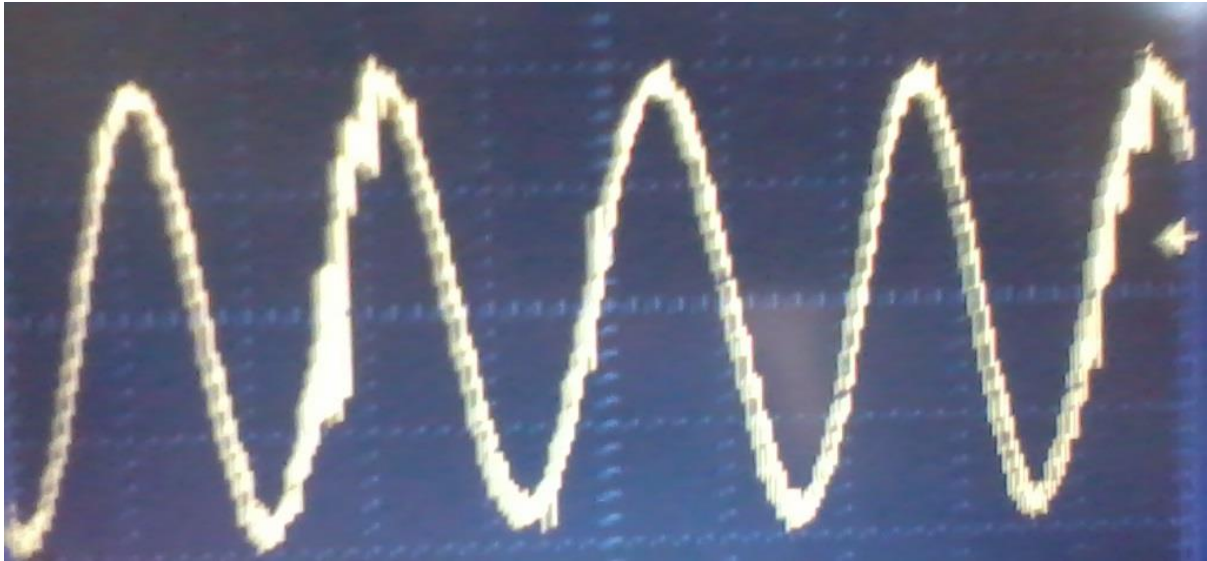
## Signal



## Demodulation



## Demodulated wave

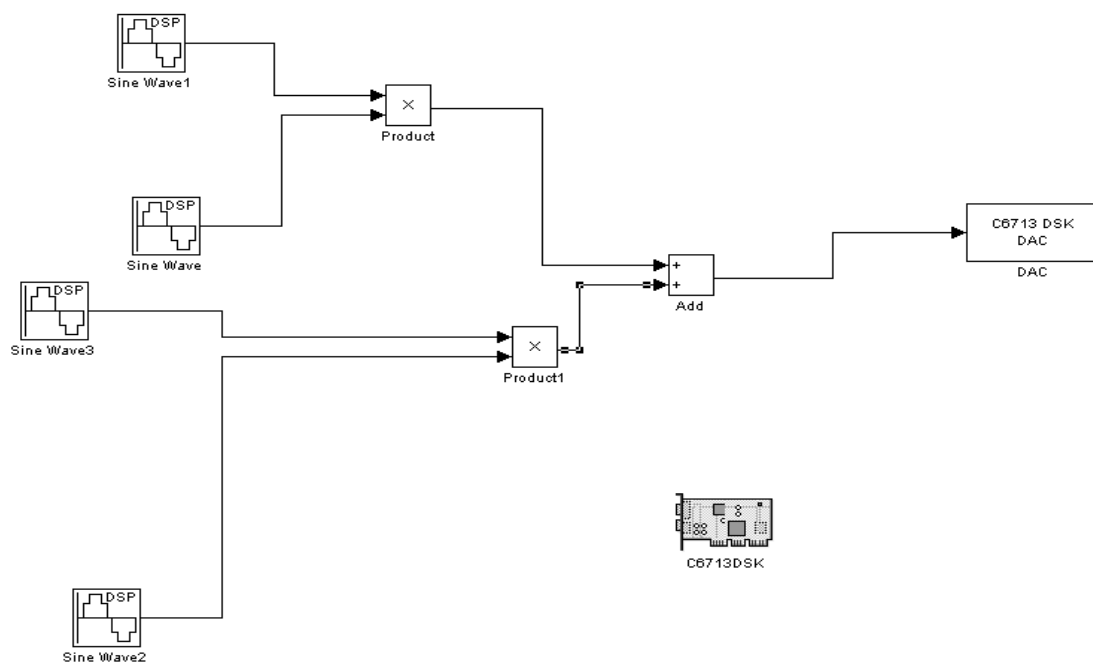


## SSB:

### Modulation

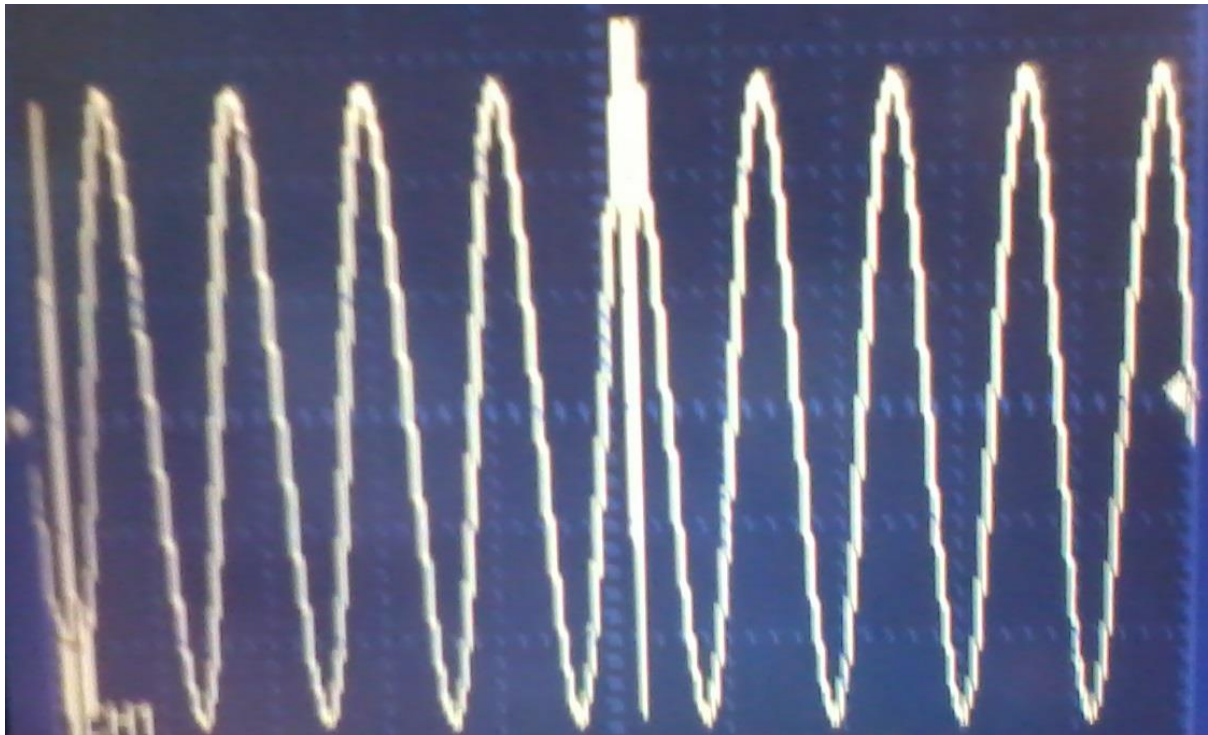
Message: 100Hz

Carrier: 1 kHz

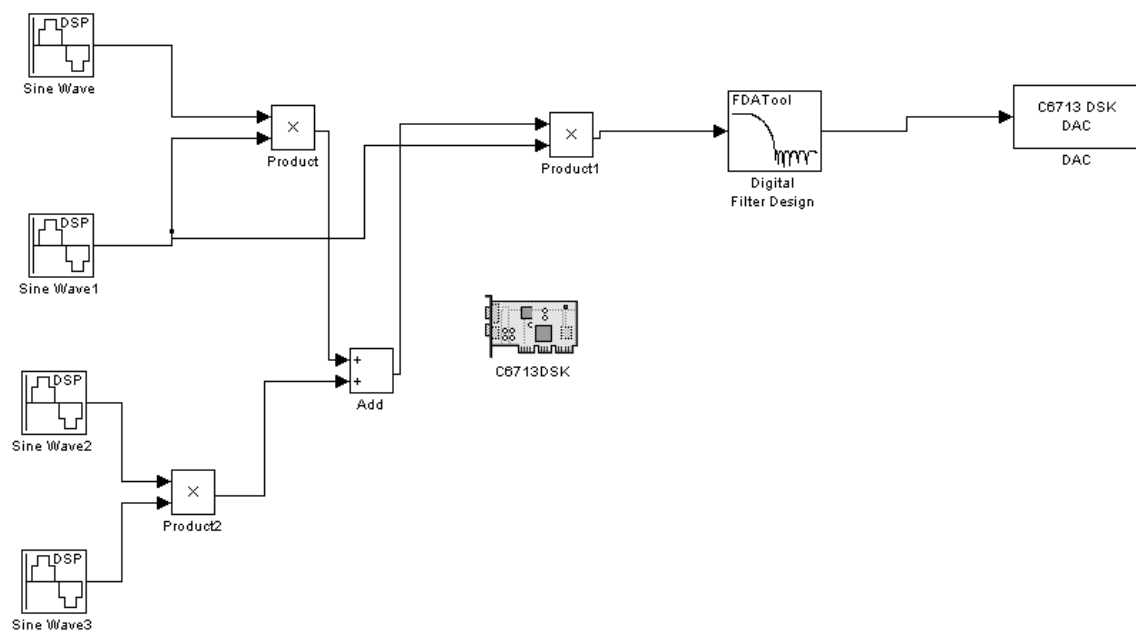




## Signal



## Demodulation



Demodulated signal

