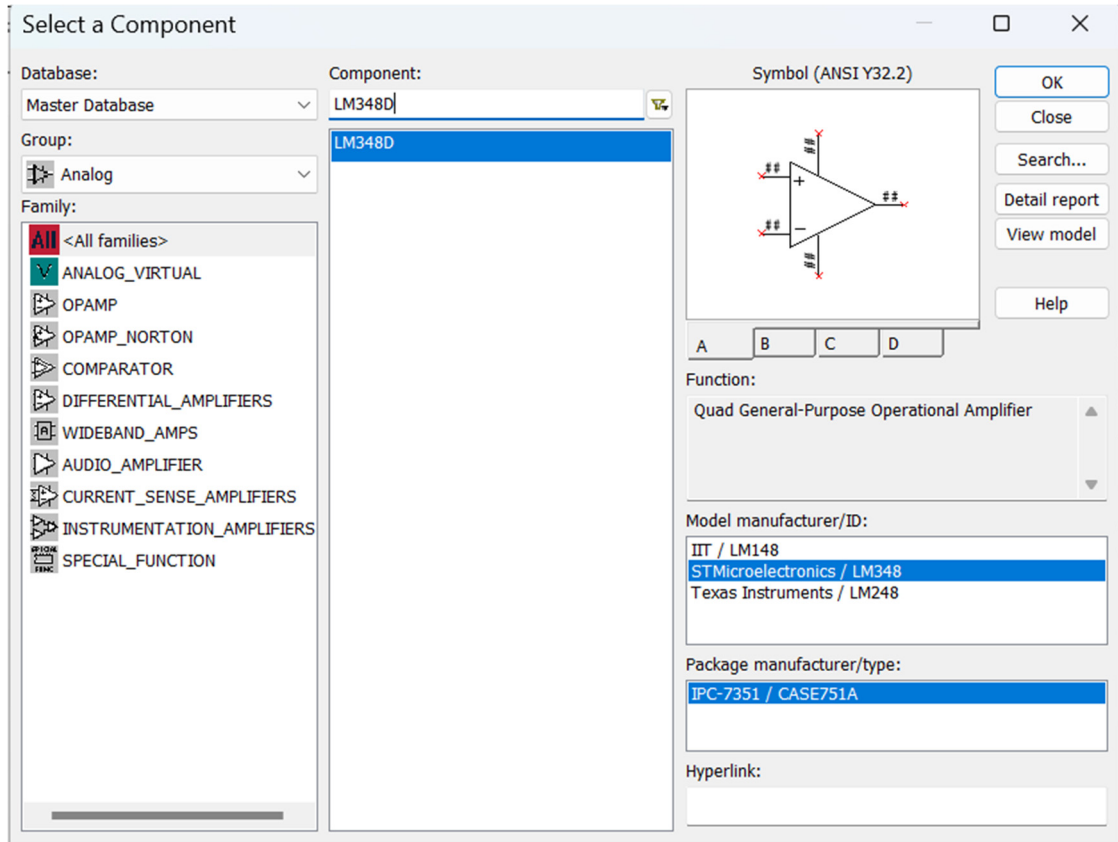
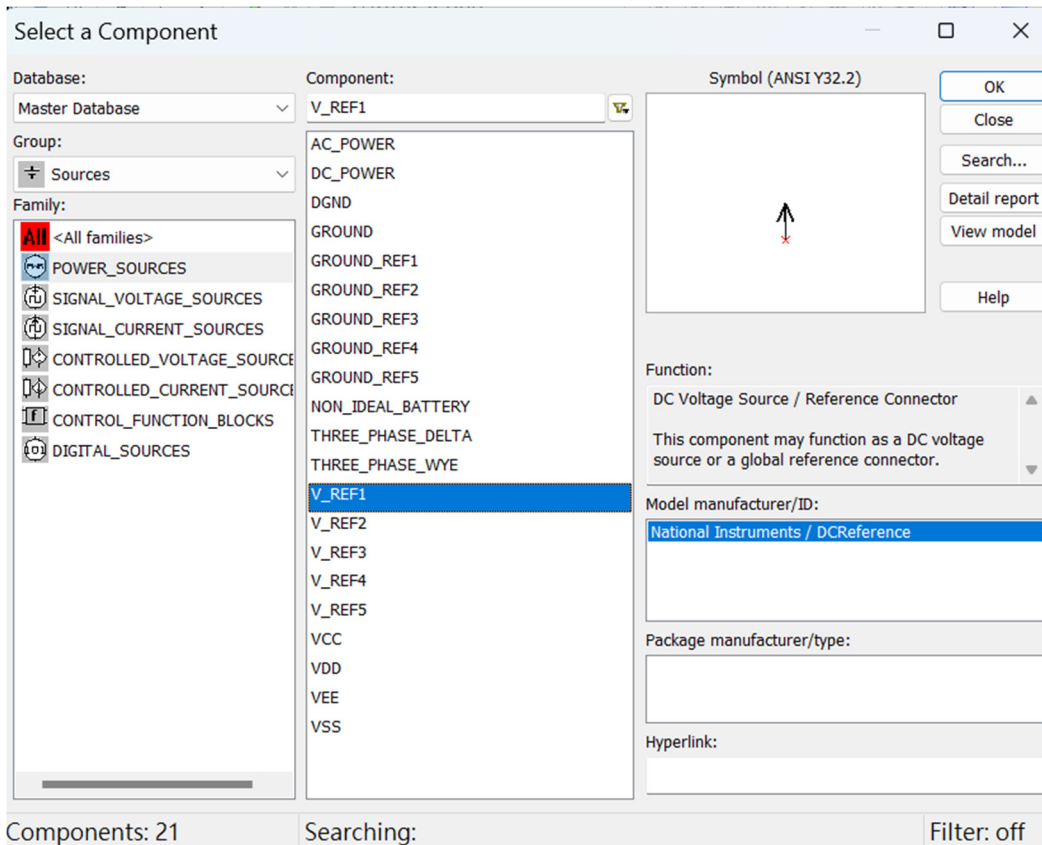


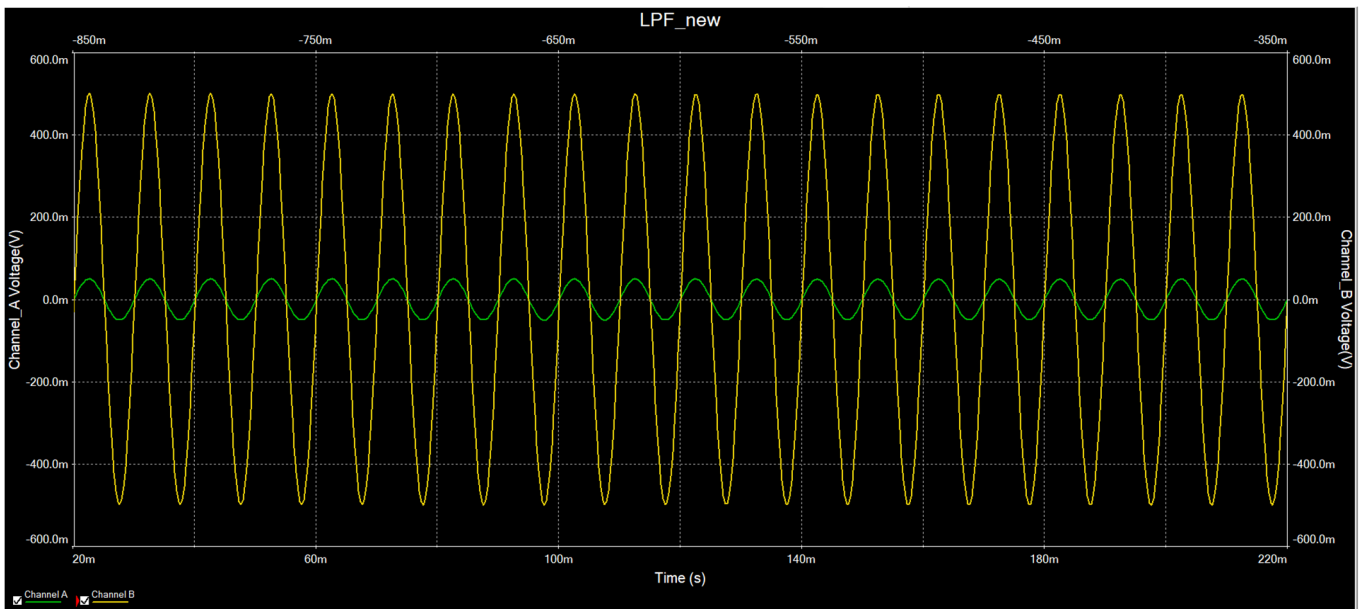
# Low-Pass Filter

## 1. OP Amplifier 選用 LM348D



## 2. -12V Sources => V\_REF1; +12V Source => V\_REF2

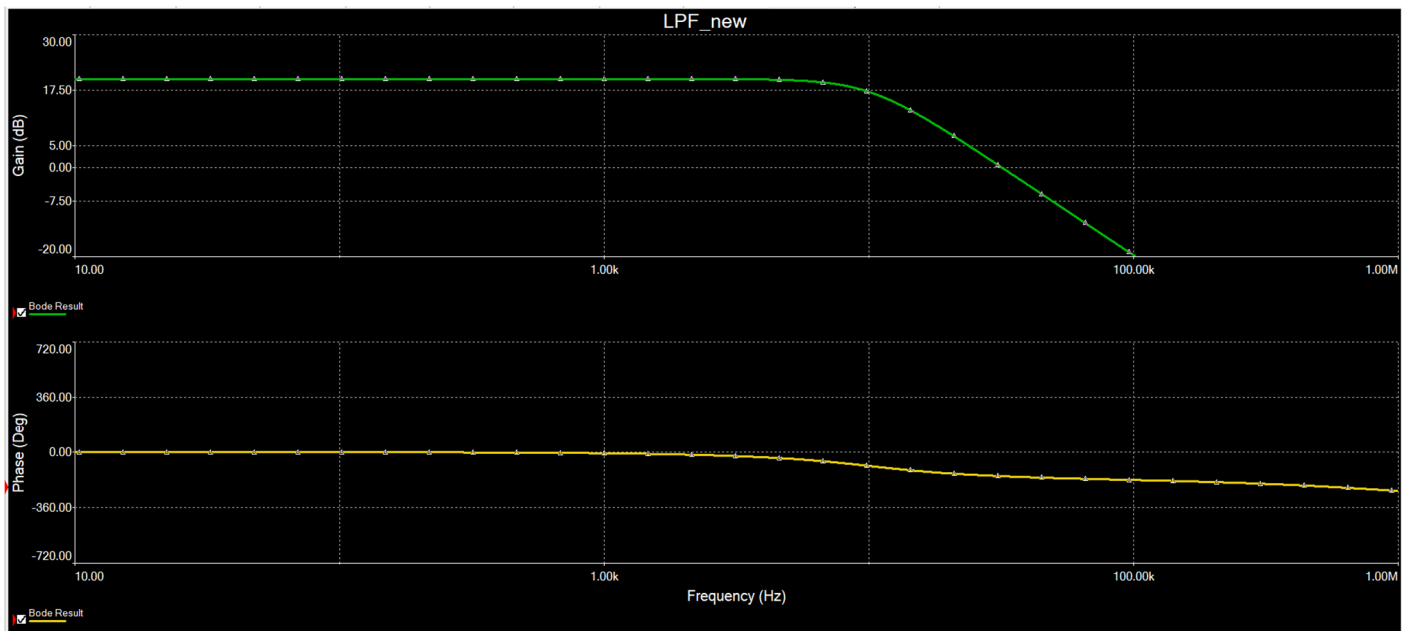




Frequency	10	100	1k	10k	100k	1M	10M	20M
Output $V_o$								
Gain								

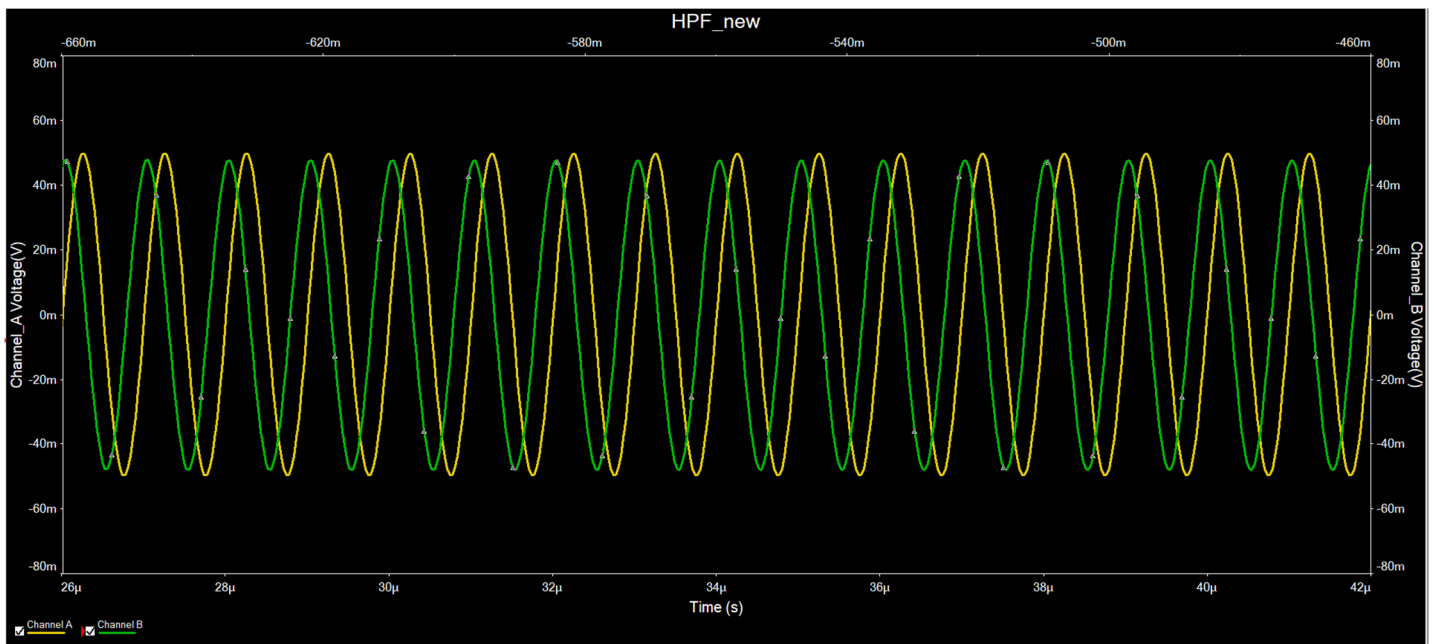
以軟體繪製頻率響應圖（例如：Excel）縱座標（dB）；橫座標（對數刻度）

Bode Plots (此為 Multisim 產生之波德圖)



# High Pass Filter

步驟一樣



Frequency	10	100	1k	10k	100k	1M	10M	20M
Output $V_o$								
Gain								

以軟體繪製頻率響應圖（例如：Excel）縱座標（dB）；橫座標（對數刻度）

