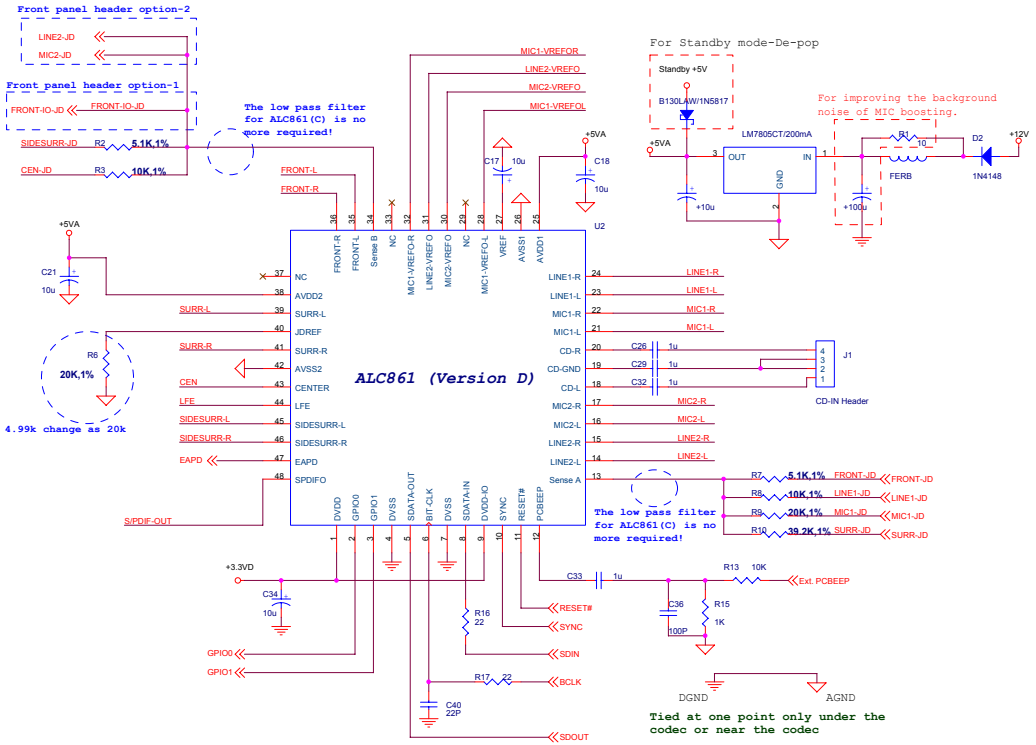
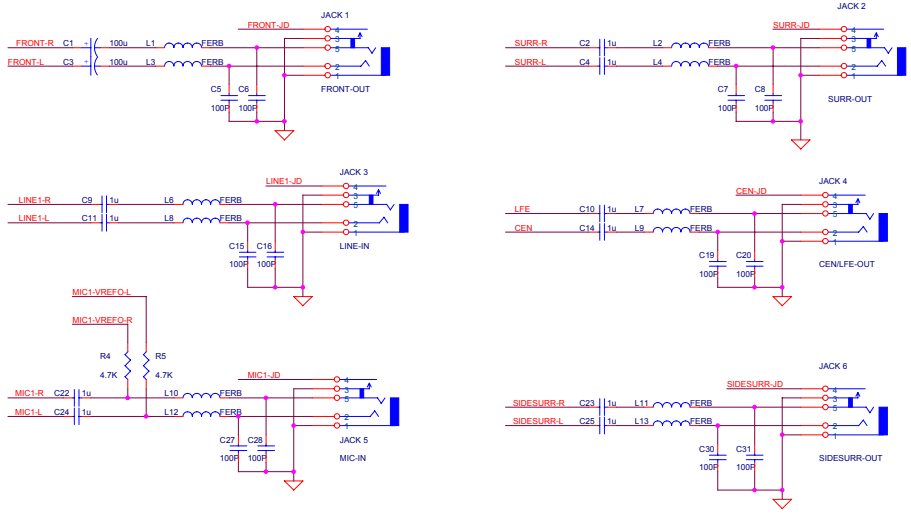
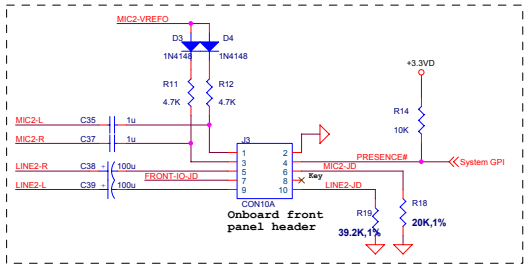
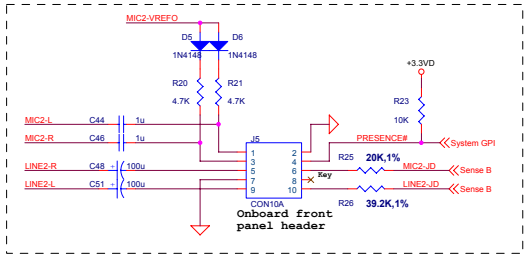




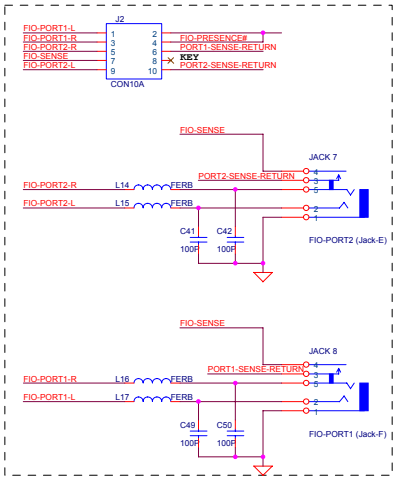
Option 1: Follow Intel's HD Audio front panle header design
(Two ports must be in the same jack detect group)



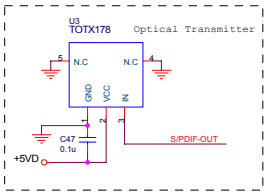
Option 2: A more flexible front panel header
(Each port can be in different jack detect group)



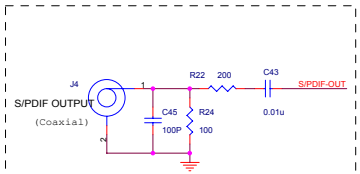
HD Audio Front Panel I/O Cable



S/PDIF module option 1: Optical



S/PDIF module option 2: Coaxial



Desktop Configuation for ALC861-VD: (7.1 Channel Solution)

(6 jacks at rear panel , 2 jacks at front panel)

Pin Assignment	Location	Re-tasking
FRONT(pin-35/36)	Back Panel	AMP output,(Front_out)
SURR (pin-39/41)	Back Panel	Surround_Out
CEN/LFE (pin-43/44)	Back Panel	Center_LFE_Out
SURRBACK (pin-45/46)	Back Panel	Side_Surround_Out
LINE1 (pin-23/24)	Back Panel	Line_ input
MIC1 (pin-21/22)	Back Panel	Mic input
LINE2 (pin-14/15)	Front Panel	front headphone output
MIC2 (pin-16/17)	Front Panel	front Mic input

Realtek Semiconductor, Crop.	
Title: ALC861(D) Application Circuit	
Size	Document Number: **Standard Configuration** — Rev: 0.60
Date: Tuesday, October 17, 2006	Sheet of