gn_extend/input (16'h8000	(16'h0000	16'h6DB6	16'hFFB7	
extend/output 32'hFFFF8000	(32'h00000000	(32'h00006DB6	(32'hFFFFFB7	
	,52 H0000000	NOT HOUSE BY	, SZIIIII S	
	40 ns 60 ns 80 ns			