

notCompOut<15>	notCompClk	gnd	
CompOut<15>	CompClk	(2.5V) vdd	
notCompOut<14>			
CompOut<14>			
notCompOut<13>			
CompOut<13>			T2B
notCompOut<8>	notCompClk	notCompOut<0>	notT2B
CompOut<8>	CompClk	CompOut<0>	notTrigger
notCompOut<9>	notCompOut<15>	notCompOut<1>	Trigger
CompOut<9>	CompOut<15>	CompOut<1>	notDatavalid
notCompOut<10>	CompOut<14>	notCompOut<2>	Datavalid
CompOut<10>	notCompOut<14>	CompOut<2>	notTP
notCompOut<11>	CompOut<14>	notCompOut<3>	TP
CompOut<11>	notCompOut<13>	CompOut<3>	
notCompOut<12>	CompOut<13>	notCompOut<4>	WriteMon
CompOut<12>	notCompOut<8>	CompOut<4>	TrigMon
notCompOut<12>	CompOut<8>	notCompOut<5>	notCompOut<12>
TrigMon	FifoFull	CompOut<5>	CompOut<12>
WriteMon	Iref	notCompOut<6>	notCompOut<13>
Reset		CompOut<6>	CompOut<13>
notReset		notCompOut<7>	notCompOut<14>
TP		CompOut<7>	CompOut<14>
notTP		notCompOut<7>	notCompOut<15>
Datavalid		FifoFull	CompOut<15>
notDatavalid		Iref	
Trigger		notT1A	
notTrigger		T1A	T1B
Clk		notT1B	notT1B
notClk		T1B	notError
notT2A		notError	
T2A			
notT2B			
T2B			
SCL			
SDA			

red = no. 2 (bottom)  
blue = no. 1 (top)  
black = both