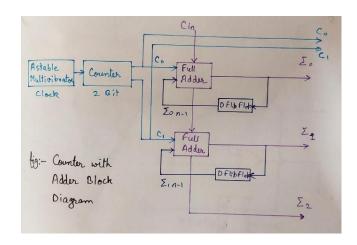
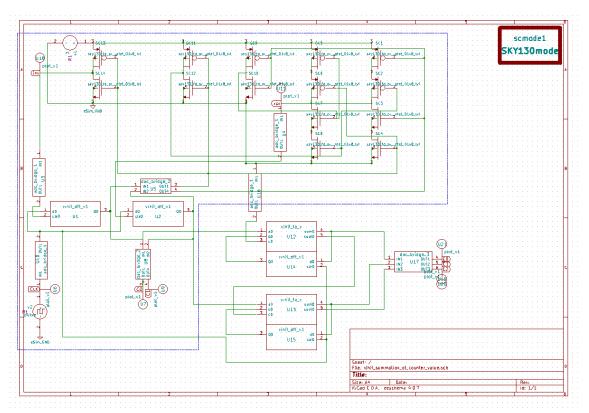
Consecutive Summation of Counter Output

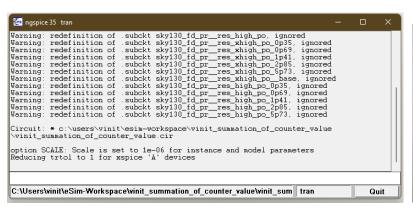
Vinit Kumar

B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai, 600048. September 28, 2022

Abstract - This is a circuit to perform consecutive summation of the output of the counter to the current value of the summation output. This circuit performs the summation as given by equation $\sum_{a=0}^n a$, where the value of a can be in any sequence as designed by the user.







Stage	Co	C,	Σ	Σ,	Σz
I	0	0	0	0	0
TI	0	1	0	0	1
TH	t	0	0	1	1
TV	3.	1	,	1	0
fi	۹;-	Outp	ut		- 183