

105060012, 105060026

Specification						
Design Items	Specifications	TT	SS	SF	FS	FF
Technology	CIC pseudo technology					
Supply voltage	<1.8V,	1.4V	1.4V	1.4V	1.4V	1.4V
power	<5mW (10%)	2.5669	2.144	2.5001	2.5089	2.6655
Loading	80 pF / 10 K Ω					
DC gain	>90dB (10%)	112.5963	-90.001	113.5391	112.6135	110.9285
Unity-GBW	>40MHz (10%)	57.2039	failed	49.2666	55.9394	55.8222
P.M.	60° <PM<100° (10%)	166.6701	failed	166.1738	166.0658	170.471
DC gain@10KHz		112.5963	-304	113.5391	112.6135	110.9285
C.M.R.R.@10KHz	>110db (5%)	122.7	216	122.3	125.5	140.8
P.S.R.R.+@10KHz	>110db (7.5%)	134.5	297.1	127.75	130.39	144.6
P.S.R.R.-@10KHz	>110db (7.5%)	132.6	215	133.3	140.6	144.6
Unity-gain configuration						
S.R +	>10V/us (7.5%)	10.2852	failed	128.3188	109.522	10.2852
S.R. -	>10V/us (7.5%)	10.2852	failed	128.3189	109.5328	10.2852
Settling+/- (1Vpp, error < 0.01%)	<1us (7.5%)	499.999u 499.999u	failed	499.999u 499.999u	499.999u 499.999u	499.999u 499.999u
Figure of Merit (FoM)						
Small signal	GBW(MHz)/Power(mW)	22.28520784	failed	19.70585177	22.29638487	20.94248734
Large signal	S.R.+(V/us)/Power(mW)	4.00685652	failed	51.32546698	43.65339392	3.858638154