

	FPGA	Structured ASIC	Standard Cell ASIC						
NRE	\$ -	\$ 200,000	\$ 800,000						
Estimated Part Price	\$ 80.00	\$ 40.00	\$ 12.00						
				Estimated Opportunity Cost			NPV for 5 years		
Annual Discount Rate	8.50%			0	0.4	1.5			
Annual estimated Volume	Cost per Year i.e Cost per part times volume			FPGA	Structured ASIC	Standard Cell ASIC	FPGA	Structured ASIC	Standard Cell ASIC
0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	\$184,332	\$737,327
500	\$ 40,000	\$ 20,000	\$ 6,000	\$ -	\$ 8,000	\$ 9,000	\$94,158	\$238,784	\$759,746
1000	\$ 80,000	\$ 40,000	\$ 12,000	\$ -	\$ 16,000	\$ 18,000	\$188,315	\$293,236	\$782,164
1500	\$ 120,000	\$ 60,000	\$ 18,000	\$ -	\$ 24,000	\$ 27,000	\$282,473	\$347,688	\$804,583
2000	\$ 160,000	\$ 80,000	\$ 24,000	\$ -	\$ 32,000	\$ 36,000	\$376,630	\$402,140	\$827,001
2500	\$ 200,000	\$ 100,000	\$ 30,000	\$ -	\$ 40,000	\$ 45,000	\$470,788	\$456,592	\$849,420
3000	\$ 240,000	\$ 120,000	\$ 36,000	\$ -	\$ 48,000	\$ 54,000	\$564,945	\$511,044	\$871,839
3500	\$ 280,000	\$ 140,000	\$ 42,000	\$ -	\$ 56,000	\$ 63,000	\$659,103	\$565,496	\$894,257
4000	\$ 320,000	\$ 160,000	\$ 48,000	\$ -	\$ 64,000	\$ 72,000	\$753,260	\$619,948	\$916,676
4500	\$ 360,000	\$ 180,000	\$ 54,000	\$ -	\$ 72,000	\$ 81,000	\$847,418	\$674,400	\$939,094
5000	\$ 400,000	\$ 200,000	\$ 60,000	\$ -	\$ 80,000	\$ 90,000	\$941,575	\$728,852	\$961,513
5500	\$ 440,000	\$ 220,000	\$ 66,000	\$ -	\$ 88,000	\$ 99,000	\$1,035,733	\$783,304	\$983,931
6000	\$ 480,000	\$ 240,000	\$ 72,000	\$ -	\$ 96,000	\$ 108,000	\$1,129,890	\$837,756	\$1,006,350
6500	\$ 520,000	\$ 260,000	\$ 78,000	\$ -	\$ 104,000	\$ 117,000	\$1,224,048	\$892,208	\$1,028,768
7000	\$ 560,000	\$ 280,000	\$ 84,000	\$ -	\$ 112,000	\$ 126,000	\$1,318,205	\$946,660	\$1,051,187
7500	\$ 600,000	\$ 300,000	\$ 90,000	\$ -	\$ 120,000	\$ 135,000	\$1,412,363	\$1,001,112	\$1,073,606
8000	\$ 640,000	\$ 320,000	\$ 96,000	\$ -	\$ 128,000	\$ 144,000	\$1,506,520	\$1,055,564	\$1,096,024
8500	\$ 680,000	\$ 340,000	\$ 102,000	\$ -	\$ 136,000	\$ 153,000	\$1,600,678	\$1,110,016	\$1,118,443
9000	\$ 720,000	\$ 360,000	\$ 108,000	\$ -	\$ 144,000	\$ 162,000	\$1,694,835	\$1,164,468	\$1,140,861
9500	\$ 760,000	\$ 380,000	\$ 114,000	\$ -	\$ 152,000	\$ 171,000	\$1,788,993	\$1,218,920	\$1,163,280
10000	\$ 800,000	\$ 400,000	\$ 120,000	\$ -	\$ 160,000	\$ 180,000	\$1,883,150	\$1,273,372	\$1,185,698
10500	\$ 840,000	\$ 420,000	\$ 126,000	\$ -	\$ 168,000	\$ 189,000	\$1,977,308	\$1,327,824	\$1,208,117
11000	\$ 880,000	\$ 440,000	\$ 132,000	\$ -	\$ 176,000	\$ 198,000	\$2,071,465	\$1,382,276	\$1,230,535
11500	\$ 920,000	\$ 460,000	\$ 138,000	\$ -	\$ 184,000	\$ 207,000	\$2,165,623	\$1,436,728	\$1,252,954
12000	\$ 960,000	\$ 480,000	\$ 144,000	\$ -	\$ 192,000	\$ 216,000	\$2,259,780	\$1,491,180	\$1,275,373
12500	\$1,000,000	\$ 500,000	\$ 150,000	\$ -	\$ 200,000	\$ 225,000	\$2,353,938	\$1,545,632	\$1,297,791
NOTE:									
	Lower NPV the better because all the cash flows are negative,								