

	FPGA	Structured ASIC	Standard Cell ASIC						
NRE	\$ 100,000	\$ 750,000	\$2,500,000						
Estimated Part Price	\$ 4,000.00	\$ 1,000.00	\$ 320.00						
Annual Discount Rate	8.50%			Estimated Opportunity Cost			NPV for 3 years		
				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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$92,166	\$691,244	\$2,304,147
100	\$ 400,000	\$ 100,000	\$ 32,000	\$ -	\$ 40,000	\$ 48,000	\$1,033,741	\$963,504	\$2,423,713
200	\$ 800,000	\$ 200,000	\$ 64,000	\$ -	\$ 80,000	\$ 96,000	\$1,975,316	\$1,235,764	\$2,543,279
300	\$ 1,200,000	\$ 300,000	\$ 96,000	\$ -	\$ 120,000	\$ 144,000	\$2,916,891	\$1,508,025	\$2,662,844
400	\$ 1,600,000	\$ 400,000	\$ 128,000	\$ -	\$ 160,000	\$ 192,000	\$3,858,466	\$1,780,285	\$2,782,410
500	\$ 2,000,000	\$ 500,000	\$ 160,000	\$ -	\$ 200,000	\$ 240,000	\$4,800,041	\$2,052,545	\$2,901,976
600	\$ 2,400,000	\$ 600,000	\$ 192,000	\$ -	\$ 240,000	\$ 288,000	\$5,741,616	\$2,324,805	\$3,021,541
700	\$ 2,800,000	\$ 700,000	\$ 224,000	\$ -	\$ 280,000	\$ 336,000	\$6,683,191	\$2,597,065	\$3,141,107
800	\$ 3,200,000	\$ 800,000	\$ 256,000	\$ -	\$ 320,000	\$ 384,000	\$7,624,766	\$2,869,325	\$3,260,673
900	\$ 3,600,000	\$ 900,000	\$ 288,000	\$ -	\$ 360,000	\$ 432,000	\$8,566,342	\$3,141,585	\$3,380,238
1000	\$ 4,000,000	\$ 1,000,000	\$ 320,000	\$ -	\$ 400,000	\$ 480,000	\$9,507,917	\$3,413,846	\$3,499,804
1100	\$ 4,400,000	\$ 1,100,000	\$ 352,000	\$ -	\$ 440,000	\$ 528,000	\$10,449,492	\$3,686,106	\$3,619,369
1200	\$ 4,800,000	\$ 1,200,000	\$ 384,000	\$ -	\$ 480,000	\$ 576,000	\$11,391,067	\$3,958,366	\$3,738,935
1300	\$ 5,200,000	\$ 1,300,000	\$ 416,000	\$ -	\$ 520,000	\$ 624,000	\$12,332,642	\$4,230,626	\$3,858,501
1400	\$ 5,600,000	\$ 1,400,000	\$ 448,000	\$ -	\$ 560,000	\$ 672,000	\$13,274,217	\$4,502,886	\$3,978,066
1500	\$ 6,000,000	\$ 1,500,000	\$ 480,000	\$ -	\$ 600,000	\$ 720,000	\$14,215,792	\$4,775,146	\$4,097,632
1600	\$ 6,400,000	\$ 1,600,000	\$ 512,000	\$ -	\$ 640,000	\$ 768,000	\$15,157,367	\$5,047,406	\$4,217,198
1700	\$ 6,800,000	\$ 1,700,000	\$ 544,000	\$ -	\$ 680,000	\$ 816,000	\$16,098,942	\$5,319,666	\$4,336,763
1800	\$ 7,200,000	\$ 1,800,000	\$ 576,000	\$ -	\$ 720,000	\$ 864,000	\$17,040,517	\$5,591,927	\$4,456,329
1900	\$ 7,600,000	\$ 1,900,000	\$ 608,000	\$ -	\$ 760,000	\$ 912,000	\$17,982,092	\$5,864,187	\$4,575,895
2000	\$ 8,000,000	\$ 2,000,000	\$ 640,000	\$ -	\$ 800,000	\$ 960,000	\$18,923,667	\$6,136,447	\$4,695,460