

Team Nugget Financial Analysis

Input	
Interest Rate / year	8 %
Analysis Periods / year	4 #
Tooling and Fixtures	419000
Annual Production	19200 #
Estimated Purchased Parts	58.57 \$
Estimated Fabricated Parts	58.8 \$
Estimated Assembly Cost	15 \$
R&D Costs	134264 \$
Cost % of Retail	25 %
Return to Project % of Retail	30 %

Calculated	
Interest Rate per Period	0.02 rate/period
Estimated Mfg. Cost	132.37 \$
Retail Price	529.48 \$
Build per Period	4800 #
Total Program Build	57600 #
Total Retail Sales	30498048 \$
Return to Project	9149414.4 \$
Net Present Value	737.23 \$(000)

	Quarters															Sum	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
R&D Costs (000)	67.13	67.13	0	0	0	0	0	0	0	0	0	0	0	0	0		134.26 (000)
Tooling & Fixtures (000)	0	209.50	209.50	0	0	0	0	0	0	0	0	0	0	0	0		419.00 (000)
Production (000)	0	0	0	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80		57.60 (000)
Cost of Production (000)	0	0	0	635.38	635.38	635.38	635.38	635.38	635.38	635.38	635.38	635.38	635.38	635.38	635.38		7624.51 (000)
Plant "Sales" (000)	0	0	0	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512	762.4512		9149.4144 (000)
Sales Minus Cost (000)	0	0	0	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08		1524.9024 (000)
Net for Quarter (000)	-67.13	-276.63	-209.50	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08	127.08		971.64 (000)
Net Worth (000)	-67.13	-343.76	-553.26	-426.19	-299.11	-172.04	-44.96	82.11	209.19	336.26	463.34	590.41	717.49	844.56	971.64		2308.54 (000)
Present Value (000)	-65.82	-265.89	-197.42	117.40	115.10	112.84	110.63	108.46	106.33	104.25	102.20	100.20	98.23	96.31	94.42		737.23 (000)
Net worth Present Value (000)	-65.82	-331.71	-529.12	-411.72	-296.63	-183.79	-73.16	35.29	141.63	245.87	348.07	448.27	546.50	642.81	737.23		1253.73 (000)

SLOPE	127.08	ROI=	46.83	% per year	Min production with no interest=	1741
b	-1061.56	ROR=	69.19	% per year	Min production with interest=	2005
PB	8.353831432	PB=	8th	Quarter		
		NPV=	737.23	\$(000)		

Graph Data		
Quarters	Networth (no interest)	Networth w/ interest
1	-67.132	-65.81568627
2	-343.764	-331.7057286
3	-553.264	-529.1222577
4	-426.1888	-411.7244154
5	-299.1136	-296.6284916
6	-172.0384	-183.7893506
7	-44.9632	-73.16274177
8	82.112	35.29471785
9	209.1872	141.6255606
10	336.2624	245.8714849
11	463.3376	348.0733714
12	590.4128	448.2712994
13	717.488	546.5045621
14	844.5632	642.8116825
15	971.6384	737.2304279