



# 3-D Research Note on NSM



Chart courtesy of StockCharts.com

#	Date	Most Recent News	Stock's Reaction
1	5-Feb	NSM: UBS initiated as NEUTRAL	negative
2	4-Mar	Caris expects in-line results ahead of F3Q08 earnings report	positive
3	6-Mar	After Close: beats by \$0.04; guides Q4 revs below consensus	positive
4	7-Mar	NSM: Caris & Company initiated as ABOVE AVERAGE	positive

**OUR RECOMMENDATION: STRONG BUY**

**RECOMMENDED TRADING VEHICLE:**

Bullish Debit Call Spread  
 Buy to Open NSMHV NSM Aug 12.5 Call IV 37.3 Delta .96  
 Sell to Open NSMHW NSM Aug 17.5 Call IV 38.0 Delta .63  
 Debit 3.70  
 Position Net Delta .33  
 Max Gain 1.30  
 Max Risk 3.70  
 Target Credit 4.10

## 3D CHECK LIST

BULLISH	FACTORS	BEARISH
	<b>Technicals</b>	
✓	daily MACD	
✓	daily Stochastic Oscillator - bullish	
✓	ETF trend - SMH trend higher	
✓	Support at 19.48	
✓	Resistance at 50-MA and 21.65	✓
✓	Similar stocks or key sector components sentiment	
	<b>Fundamentals</b>	
✓	Forward P/E (14.60) < Trailing P/E (16.28)	
✓	PEG (1.44)	
	P/S (2.50)	✓
	EPS trend -Neutral	✓
✓	Profit Margin(18.31%) & Operating Margin (25.91%), ROE (33.59%)	
	<b>Market Play</b>	
✓	Program trading buy orders at 16.3 after Mar 3	
✓	Implied volatility (40.31%) < Historical volatility (52.68%)	
✓	Stock reacted adequately on the latest positive news (see the chart above)	
✓	Unusually high option trading volumes for May 17.5;20 Calls, Aug 17.5;20 Calls	

**COMMENTARY**

NSM fundamentally undervalued, gapping up. Weekly NSM chart: forming bottom. Investors bet on the upturn and don't allow to drop any further. NSM is being accumulated by large traders at the 16.3 level. Main sector components (ADI, INTC, KLAC, TXN) paced the way higher.

## BULLISH PLAY

**BUY STOCK**

Stock Symbol	Last Stock Price	Recommended Entry Stock Price	Break-even	Sum Invested (per share)	Projected Stop Price	Max Loss (per share)	Max Profit (per share)	Exit Price (Target Price)	Target Profit (per share)	Target Return
<b>NSM</b>	18.25	17.05	17.05	17.05	15.50	1.55	Unlimited	19.50	2.45	14.4%

**BUY CALL**

Stock Symbol	Last Stock Price	Expiration Month	Strike Price	Option Symbol	Recommended Entry Stock Price	Entry Call Option Price	Break-even	Max Profit (per one contract)	Sum Invested (per one contract)	Exit Price (Target Price)	Target Profit (per one contract)	Target Return
<b>NSM</b>	18.25	Aug-08	12.50	.NSMHV	17.05	5.50	18.00	Unlimited	5.50	6.00	0.50	9.1%

**BULLISH PUT SPREAD**

Stock Symbol	Last Stock Price	Expiration Month	Lower Strike	Option Symbol	Higher Strike	Option Symbol	Recommended Entry Stock Price	Entry Credit	Break-even	Max Profit (per one contract)	Sum Invested (per one contract)	Exit Debit (Target Debit)	Target Profit (per one contract)	Target Return
<b>NSM</b>	18.25	Aug-08	12.50	.NSMTV	17.50	.NSMTW	17.05	1.10	16.40	1.10	3.90	0.45	0.65	16.7%

**BULLISH CALL SPREAD**

Stock Symbol	Last Stock Price	Expiration Month	Lower Strike	Option Symbol	Higher Strike	Option Symbol	Recommended Entry Stock Price	Entry Debit	Break-even	Max Profit (per one contract)	Sum Invested (per one contract)	Exit Credit (Target Credit)	Target Profit (per one contract)	Target Return
<b>NSM</b>	18.25	Aug-08	12.50	.NSMHV	17.50	.NSMHW	17.05	3.70	16.20	1.30	3.70	4.10	0.40	10.8%

## SHORT GLOSSARY

**Break-even.** Point at which gains equal losses. This is the market price that a stock must reach for an option to avoid loss if exercised. For a call, the break-even equals the strike plus the premium paid.

**Call option.** The right, but not the obligation, to buy the stock at a predetermined price (also known as the strike) at any moment before the expiration date for a paying a premium.

**Put Option** - the right, but not the obligation, to sell stock at a predetermined price (also known as a strike) at any moment before the expiration date.

**Expiration Date.** The day when an option contract becomes void (the Saturday after the third Friday of the expiration

**In-the-Money Option.** An option that has intrinsic value. A call (put) option is in-the-money if the strike is less (greater) than the current market price of the stock.

**Intrinsic Value:** The value of an option if it were to expire immediately with the underlying stock at its current price or the amount by which an option is in-the-money. For call options, this is the difference between the stock price and the striking price, if that difference is a positive number, or zero otherwise. For put options it is the difference between the striking price and the stock price, if that difference is positive, and zero otherwise.

**Spread.** A position with long and short options of the same type on the same underlying stock or index.

**Time Value.** Amount by which the current market price of an option exceeds its intrinsic value (the difference between the stock price and the strike). This additional value of an option is due to the volatility of the market and the time remaining until expiration.

### Auto-trade in 5 easy steps

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1. Log into your brokerage account.	1. Log into your brokerage account.
2. Select Xecute, select OptionSmart as an Investor Publisher	2. Select Autotrade, click Sign Up/Newsletter Providers and choose OptionSmart as newsletter provider
3. Select a service	3. Select Autotrade Management, click Allocations (per trade)
4. Determine Amount Type (Specific Dollar Amount, # of Contracts/Shares, % of Cash Available, % of Buying Power, % of Total Account Value)	4. Determine Amount Type (Specified Dollar Amount, Specified Quantity, % of Available Buying Power, % of Net Liquidating Value)
5. Select a Trade Amount	5. Select a Trade Amount

There is risk in trading options. One's financial suitability should be considered carefully before placing any trades. Past performance is not indicative of future results.

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