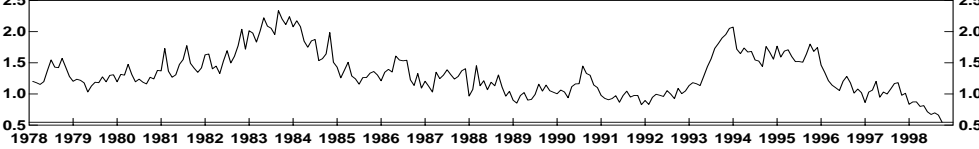
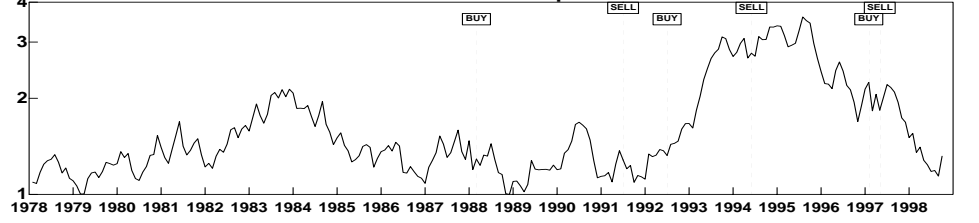


RISK

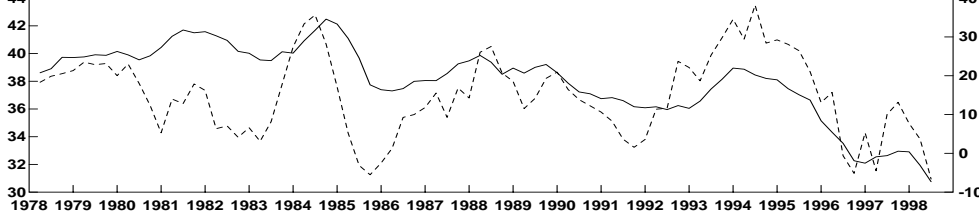
**Relative Price to Sales
Motorola Inc vs the S&p Index**



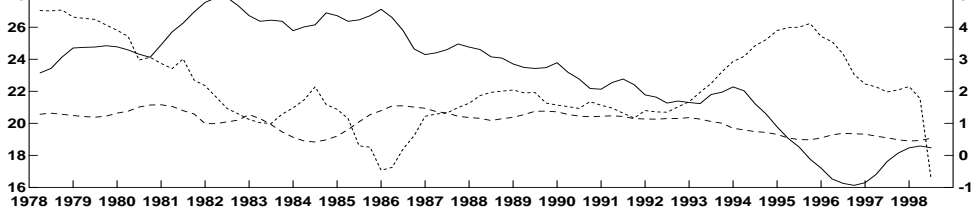
**Relative Investment Return
Motorola Inc vs the S&p Index**



**COMPONENTS OF PROFITABILITY
Motorola Inc vs the S&p Index
Margins and Revenue Growth**



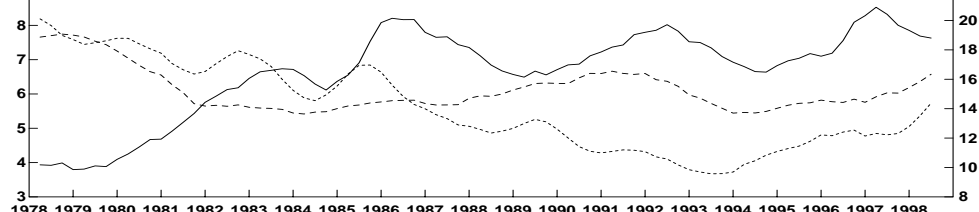
**Interest; S, G and A; Income Taxes
as a percentage of sales**



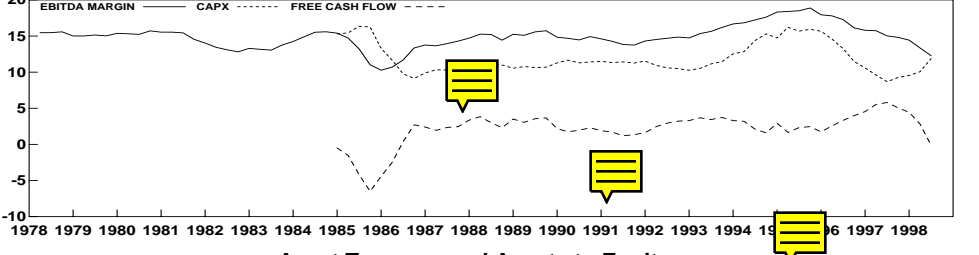
Unusual Gains and Losses



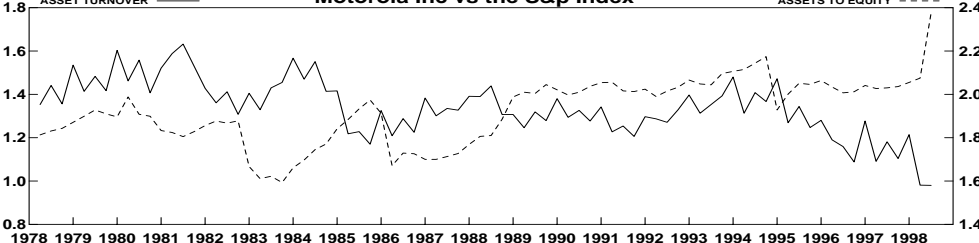
**Depreciation, Inventories and Receivables
as a percentage of sales**



**EBITDA Margin, Free Cash FLOW Margin and Capital Expenditures
as a percentage of sales**



**Asset Turnover and Assets to Equity
Motorola Inc vs the S&p Index**



Company Motorola Inc(MOT)
Industry Telecom Equipment
Sector Technology

Current Quantitative Rank----- Neutral

Investment Performance Record

| | Company | Industry | Sector | S&P Avg |
|--------------------|---------|----------|--------|---------|
| Success Frequency | 0.67 | 0.55 | 0.55 | 0.52 |
| Return vs Buy/Hold | 8.62 | 2.83 | 3.40 | 0.05 |

Price Dynamics

| | Company | Industry | Sector | S&P Avg |
|---------------------|---------|----------|--------|----------|
| Sep18 closing Price | 46.500 | 53.349 | 64.105 | 1213.040 |
| Change Last Month | -11.00 | -18.14 | -5.95 | -7.22 |
| Change Last Qtr | -12.26 | -9.15 | 6.66 | -4.68 |

Price to Earnings History

| | Company | Industry | Sector | S&P Avg |
|--------------------|---------|----------|--------|---------|
| Trailing P/E Ratio | 0.00 | 0.00 | 0.00 | 28.17 |
| IB/E/S/ FY2 P/E | 24.09 | 27.24 | 27.18 | 25.19 |
| 5 Year Average P/E | NA | 38.38 | 16.62 | 17.89 |
| P/E Relative | NA | NA | NA | 1.48 |
| 5 Year Avg P/E Rel | NA | 1.53 | 0.66 | 0.71 |

Price to EBITDA History

| | Company | Industry | Sector | S&P Avg |
|---------------------|---------|----------|--------|---------|
| Trailing P/Ebitda | 7.70 | 23.44 | 25.94 | 17.25 |
| 5 Year Avg P/Ebitd | 8.48 | 14.80 | 12.64 | 10.82 |
| P/Ebitda Relative | NA | NA | NA | NA |
| 5 y Avg P/Ebitd Rel | NA | NA | NA | NA |

Price to Sales History

| | Company | Industry | Sector | S&P Avg |
|--------------------|---------|----------|--------|---------|
| Trailing P/Sales | 0.95 | 2.47 | 2.03 | 1.51 |
| 1 Year Avg P/Sales | 1.25 | 2.64 | 2.25 | 1.59 |
| 5 Year Avg P/Sales | 1.39 | 2.00 | 1.60 | 1.15 |
| Price/Book Value | 2.29 | 8.64 | 10.26 | 4.04 |
| 5 Year Avg P/Bv | 3.44 | 8.71 | 7.13 | 3.60 |

Sales Growth

| | Company | Industry | Sector | S&P Avg |
|-------------------|---------|----------|--------|---------|
| Current Year/Year | -6.62 | 21.61 | 18.53 | 9.67 |
| 1 Year Average | 4.48 | 22.95 | 22.02 | 12.13 |
| 5 Year Average | 15.85 | 40.89 | 32.68 | 15.53 |
| Proportion Rising | NA | 0.38 | 0.21 | 0.33 |
| Price Correlation | 0.84 | 0.30 | 0.29 | 0.32 |

Gross Margin

| | Company | Industry | Sector | S&P Avg |
|-------------------|---------|----------|--------|---------|
| Current Trailing | 30.75 | 51.35 | 53.25 | 47.50 |
| 5 Year Average | 35.15 | 52.92 | 54.12 | 47.78 |
| 10 Year Average | 36.22 | 52.98 | 54.58 | 47.44 |
| 15 Year Average | 37.29 | 52.96 | 54.33 | 46.66 |
| Proportion Rising | NA | 0.72 | 0.31 | 0.46 |
| Price Correlation | 0.91 | 0.06 | 0.37 | 0.50 |

EBITDA Margin

| | Company | Industry | Sector | S&P Avg |
|-------------------|---------|----------|--------|---------|
| Current Trailing | 12.28 | 18.66 | 23.16 | 22.24 |
| 5 Year Average | 16.46 | 21.73 | 23.53 | 22.65 |
| 10 Year Average | 15.62 | 21.23 | 22.36 | 22.09 |
| 15 Year Average | 15.00 | 21.23 | 21.67 | 21.39 |
| Proportion Rising | NA | 0.42 | 0.28 | 0.37 |
| Price Correlation | 0.86 | 0.15 | 0.50 | 0.52 |

Growth Rates

| | Company | Industry | Sector | S&P Avg |
|-----------------|---------|----------|--------|---------|
| Assets 1 Year | 6.85 | 17.79 | 18.05 | 8.46 |
| 5 Year Average | 20.30 | 51.80 | 27.71 | 14.35 |
| 10 Year Average | 16.80 | 18.07 | 18.34 | 13.81 |
| Equity 1 Year | -2.58 | 32.48 | 22.76 | 9.73 |
| 5 Year Average | 20.69 | 49.32 | 25.94 | 14.68 |
| 10 Year Average | 15.28 | 17.26 | 17.15 | 14.43 |

| | | | | |
|--------------------|-------|--------|-------|-------|
| Shares 1 Year | 13.95 | 6.45 | 13.70 | 7.20 |
| 5 Year Average | -0.13 | 6.62 | 3.88 | 1.12 |
| 10 Year Average | 1.10 | 1.87 | 0.85 | 0.48 |
| Earnings Per Share | NA | -12.33 | NA | 19.07 |
| 5 Year Average | NA | 47.84 | 18.14 | 17.41 |
| 10 Year Average | NA | 20.56 | 11.20 | 9.01 |

| | | | | |
|------------------|--------|-------|-------|-------|
| Ebitda 1 Year | -11.28 | 9.52 | 9.05 | 5.24 |
| 5 Year Average | 16.29 | 41.21 | 27.51 | 16.51 |
| 10 Year Average | 17.01 | 15.66 | 16.66 | 13.00 |
| Dividends 1 Year | NA | 94.53 | 8.51 | 8.01 |
| 5 Year Average | 21.18 | 15.79 | 2.57 | 6.90 |
| 10 Year Average | 10.97 | 9.56 | 1.18 | 7.10 |

| | | | | |
|--------------------|----------|---------|-----------|----------|
| Current | Internal | -7.86 | -27588.28 | 17.82 |
| I/B/E/S/ L.t. Fore | 16.80 | 24.93 | 22.48 | 15.59 |
| Current Yield | 1.03 | 0.47 | 0.32 | 1.38 |
| Avg Market Capital | 30435.62 | 3093.04 | 91234.97 | 15730.28 |

Return on Equity Dynamics

| | Company | Industry | Sector | S&P Avg |
|--------------------|---------|----------|--------|---------|
| Trailing R.O.E. | -5.13 | 6.18 | 24.60 | 25.85 |
| 5 Year Avg R.O.E. | 11.64 | 21.02 | 20.80 | 22.73 |
| ROE Change Last Qt | -13.08 | -6.45 | -0.94 | 2.00 |
| ROE Cng Last 6 Mos | -14.32 | -7.93 | 6.31 | 3.85 |
| ROE Change Last Yr | -13.45 | -7.62 | 9.28 | 3.83 |
| Consen Cng Next Yr | 13.40 | 15.09 | -1.32 | -3.09 |

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