

# Intel Corporation (INTC)

Updated July 29<sup>th</sup>, 2023 by Nathan Parsh

#### **Key Metrics**

| Current Price:              | \$37 | 5 Year CAGR Estimate:               | -6.8%  | Market Cap:               | \$154 B  |
|-----------------------------|------|-------------------------------------|--------|---------------------------|----------|
| Fair Value Price:           | \$18 | 5 Year Growth Estimate:             | 5.0%   | Ex-Dividend Date:         | 08/04/23 |
| % Fair Value:               | 200% | 5 Year Valuation Multiple Estimate: | -13.0% | Dividend Payment Date:    | 09/01/23 |
| Dividend Yield:             | 1.4% | 5 Year Price Target                 | \$24   | Years Of Dividend Growth: | 0        |
| <b>Dividend Risk Score:</b> | В    | Retirement Suitability Score:       | D      | Rating:                   | Sell     |

# **Overview & Current Events**

Intel is the largest manufacturer of microprocessors for personal computers, shipping about 85% of the world's microprocessors. Intel also manufactures products like servers and storage devices that are used in cloud computing. Intel employs more than 130,000 people worldwide and has a current market capitalization of \$154 billion. The company generates about \$52 billion in annual sales.

On February 22<sup>nd</sup>, 2023, Intel announced that it was cutting its quarterly dividend by 65.8% to \$0.125, ending the company's dividend growth streak of 8 years.

On October 26<sup>th</sup>, 2022, Intel completed its initial public offering of Mobileye Global Inc. (MBLY) into an independent company.

On July 27<sup>th</sup>, 2023, Intel announced second quarter results for the period ending June 30<sup>th</sup>, 2023. For the quarter, revenue decreased 15.7% to \$12.9 billion, but beat estimates by \$760 million. Adjusted earnings-per-share of \$0.13 compared unfavorably to \$0.29 in the prior year, but was \$0.16 better than expected.

Revenue for the PC-Centric business was down 12% to \$6.8 billion, due once again to inventory reductions in multiple product lines. Datacenter and AI Group declined 15% to \$4.0 billion due to competitive pressures. Network and Edge Group revenue decreased 38% to \$1.4 billion due to demand weakness and higher inventories levels. Mobileye was essential flat year-over-year while Intel Foundry Services surged more than 300%. Gross margin declined 500 basis points to 39.8%.

Intel guided towards revenue of \$12.9 billion to \$13.9 billion for the third quarter, which compares to consensus of \$13.3 billion. Adjusted earnings-per-share are projected to be \$0.20 versus consensus of \$0.17. For 2023, we project that the company will earn \$0.35. We continue to estimate that the company has earnings power of \$1.54 per share.

| Year                | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   | 2028   |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EPS                 | \$1.89 | \$2.31 | \$2.33 | \$2.72 | \$3.47 | \$4.59 | \$4.89 | \$5.10 | \$5.47 | \$1.84 | \$0.35 | \$1.97 |
| DPS                 | \$0.90 | \$0.90 | \$0.96 | \$1.04 | \$1.08 | \$1.20 | \$1.26 | \$1.32 | \$1.39 | \$1.46 | \$0.50 | \$0.50 |
| Shares <sup>1</sup> | 4967   | 4748   | 4725   | 4730   | 4687   | 4600   | 4473   | 4119   | 4069   | 4133   | 4196   | 4100   |

### Growth on a Per-Share Basis

Along with most companies in the market, Intel's earnings declined during the last recession, although the company rebounded to growth the following year. Earnings growth over the past decade has averaged 11% per year. We are maintaining our forecasted growth rate of 5% through 2028. Applying the growth rate of 5% to the midpoint of our estimate for earnings power for 2023 and shares could earn \$1.97 by 2028.

Intel generated \$3.1 billion in adjusted free cash flow in 2022, down significantly from more than \$11 billion in the prior year. Adjusted free cash flow for the second quarter of 2023 was -\$2.8 billion, though this was a significant improvement sequentially and year-over-year where free cash flow was -\$8.5 billion and -\$6.4 billion, respectively.

<sup>1</sup> Share count in millions

Disclosure: This analyst has no position in the security discussed in this research report, and no plans to initiate one in the next 72 hours.



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#### Valuation Analysis

| Year      | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | Now  | 2028 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|
| Avg. P/E  | 12.2 | 13.2 | 13.8 | 12.3 | 10.9 | 10.7 | 12.3 | 10.5 | 9.4  | 14.4 | 24.0 | 12.0 |
| Avg. Yld. | 3.9% | 3.0% | 3.0% | 3.1% | 2.9% | 2.6% | 2.1% | 2.6% | 2.7% | 5.5% | 1.4% | 2.1% |

Intel's shares have increased \$6, or 19.4%, since our April 29<sup>th</sup>, 2023 report. Based off the current share price and our earnings power estimate, Intel's stock has a price-to-earnings multiple of 24.0. We are reaffirming our target P/E of 12 to better match the stock's long-term average valuation. If the P/E ratio were to match our fair value target by 2028, then multiple reversion could be a 13.0% headwind to annual returns over this time period.

## Safety, Quality, Competitive Advantage, & Recession Resiliency

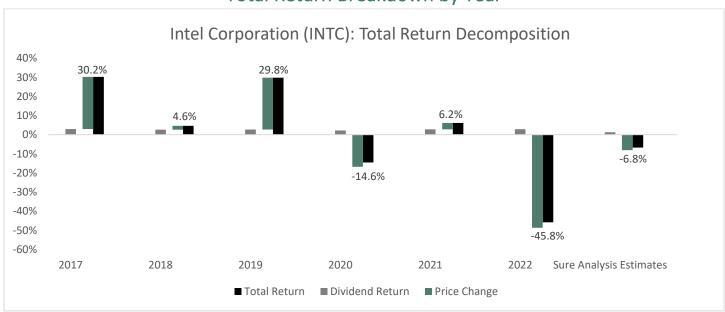
| Year   | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2028 |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|
| Payout | 48%  | 40%  | 41%  | 38%  | 31%  | 26%  | 26%  | 27%  | 25%  | 79%  | 143% | 25%  |

Intel saw earnings declines in both 2008 and 2009 as the company struggled during the last recession. The company's products are in demand when customers feel that their business is on solid ground and they feel comfortable purchasing more of Intel's offerings. Intel's dividend coverage had been strong, but the company's recent dividend cut reflect the pressure on the business model.

Intel's key competitive advantage is that it is the largest and most dominate company in its sector. This gives the company size and scale that competitors cannot match. This makes revenues slightly less cyclical today than they were in 2009, but are still dependent on growing demand.

# Final Thoughts & Recommendation

Intel is projected to lose 6.8% annually through 2028, down from our previous estimate of a loss of 3.4%. The expected return consists of 5% earnings growth and a 1.4% starting yield that are more than offset by a low double-digit headwind from multiple contraction. Intel continues to see weakness in almost every business, though the declines were less severe in most business compared to the first quarter of the year. That said, Intel continues to receive a sell rating due to projected returns.



# Total Return Breakdown by Year

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#### **Income Statement Metrics**

| Year                    | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022   |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Revenue                 | 52708 | 55870 | 55355 | 59387 | 62761 | 70848 | 71965 | 77867 | 79024 | 63054  |
| Gross Profit            | 31521 | 35609 | 34679 | 36233 | 39098 | 43737 | 42140 | 43612 | 43815 | 26866  |
| Gross Margin            | 59.8% | 63.7% | 62.6% | 61.0% | 62.3% | 61.7% | 58.6% | 56.0% | 55.4% | 42.6%  |
| SG&A Exp.               | 8088  | 8136  | 7930  | 8377  | 7452  | 6950  | 6350  | 6180  | 6543  | 7002   |
| D&A Exp.                | 8032  | 8549  | 8711  | 7790  | 8129  | 9085  | 10826 | 12239 | 11792 | 13035  |
| <b>Operating Profit</b> | 12531 | 15642 | 14356 | 14877 | 18434 | 23244 | 22428 | 23876 | 22082 | 2336   |
| Op. Margin              | 23.8% | 28.0% | 25.9% | 25.1% | 29.4% | 32.8% | 31.2% | 30.7% | 27.9% | 3.7%   |
| Net Profit              | 9620  | 11704 | 11420 | 10316 | 9601  | 21053 | 21048 | 20899 | 19868 | 8014   |
| Net Margin              | 18.3% | 20.9% | 20.6% | 17.4% | 15.3% | 29.7% | 29.2% | 26.8% | 25.1% | 12.7%  |
| Free Cash Flow          | 10029 | 10313 | 11692 | 12183 | 10332 | 14251 | 16932 | 20931 | 9662  | (9617) |
| Income Tax              | 2991  | 4097  | 2792  | 2620  | 10751 | 2264  | 3010  | 4179  | 1835  | (249)  |

### **Balance Sheet Metrics**

| Year               | 2013  | 2014  | 2015   | 2016  | 2017  | 2018   | 2019  | 2020   | 2021   | 2022   |
|--------------------|-------|-------|--------|-------|-------|--------|-------|--------|--------|--------|
| i cai              | 2015  | 2014  | 2015   | 2010  | 2017  | 2010   | 2015  | 2020   | 2021   | 2022   |
| Total Assets (\$B) | 92358 | 91900 | 101459 | 13327 | 23249 | 127963 | 36524 | 153091 | 168406 | 182103 |
| Cash & Equivalents | 5674  | 2561  | 15308  | 5560  | 3433  | 3019   | 4194  | 5865   | 4827   | 11144  |
| Acc. Receivable    | 3582  | 4427  | 4787   | 4690  | 5607  | 6722   | 7659  | 6782   | 9457   | 4133   |
| Inventories        | 4172  | 4273  | 5167   | 5553  | 6983  | 7253   | 8744  | 8427   | 10776  | 13224  |
| Goodwill & Int.    | 15663 | 15307 | 15265  | 23593 | 37134 | 36349  | 37103 | 35997  | 34233  | 33609  |
| Total Liabilities  | 34102 | 36035 | 40374  | 47101 | 54230 | 53400  | 59020 | 72053  | 73015  | 78817  |
| Accounts Payable   | 2969  | 2748  | 2063   | 2475  | 2928  | 3824   | 4128  | 5581   | 5747   | 9595   |
| Long-Term Debt     | 13446 | 13655 | 22670  | 25283 | 26813 | 26359  | 29001 | 36401  | 38101  | 42007  |
| Total Equity       | 58256 | 55865 | 61085  | 66226 | 69019 | 74563  | 77504 | 81038  | 95391  | 101423 |
| LTD/E Ratio        | 0.23  | 0.24  | 0.37   | 0.38  | 0.39  | 0.35   | 0.37  | 0.45   | 0.40   | 0.41   |

### **Profitability & Per Share Metrics**

| Year                    | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022   |
|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>Return on Assets</b> | 10.9% | 12.7% | 11.8% | 9.6%  | 8.1%  | 16.8% | 15.9% | 14.4% | 12.4% | 4.6%   |
| <b>Return on Equity</b> | 17.6% | 20.5% | 19.5% | 16.2% | 14.2% | 29.3% | 27.7% | 26.4% | 22.5% | 8.1%   |
| ROIC                    | 14.1% | 16.6% | 14.9% | 11.8% | 10.2% | 21.4% | 20.3% | 18.7% | 15.8% | 5.7%   |
| Shares Out.             | 4967  | 4748  | 4725  | 4730  | 4687  | 4600  | 4473  | 4119  | 4069  | 4133   |
| Revenue/Share           | 10.34 | 11.05 | 11.31 | 12.18 | 12.98 | 15.07 | 16.09 | 18.40 | 19.32 | 15.29  |
| FCF/Share               | 1.97  | 2.04  | 2.39  | 2.50  | 2.14  | 3.03  | 3.79  | 4.95  | 2.36  | (2.33) |

*Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.* 

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