## Qualcomm Inc (QCOM)

## Updated February 6th, 2020 by Nate Parsh Key Metrics

| Current Price: | $\$ 91$ | 5 Year CAGR Estimate: | $2.9 \%$ | Market Cap: | $\$ 103.5$ billion |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 65$ | $\mathbf{5}$ Year Growth Estimate: | $6.6 \%$ | Ex-Dividend Date: | $3 / 4 / 2020$ |
| \% Fair Value: | $\mathbf{1 3 9 \%}$ | 5 Year Valuation Multiple Estimate: | $-6.4 \%$ | Dividend Payment Date: | $3 / 26 / 2020$ |
| Dividend Yield: | $\mathbf{2 . 7 \%}$ | 5 Year Price Target | $\$ 90$ | Years Of Dividend Growth: 17 |  |
| Dividend Risk Score: | C | Retirement Suitability Score: | D | Last Dividend Increase: | $8.8 \%$ |

## Overview \& Current Events

"Quality Communications" was started in the living room of Dr. Irwin Jacobs in 1985. The company's first product and service was a satellite used by long-haul trucking companies that could locate and message drivers. Qualcomm, as it is known today, develops and sells integrated circuits for use in voice and data communications. The chip maker receives royalty payments for its patents used in devices that are on 3G and 4G networks. Qualcomm has a current market capitalization of $\$ 103$ billion and should generate sales of more than $\$ 22$ billion this year.
On 5/22/2019, a U.S. District Judge ruled that Qualcomm's business practices had violated antitrust law. The decision would force the company to renegotiate its licensing agreements with customers. This ruling would also prevent the company from signing exclusive supply agreements with smartphone makers. Qualcomm has appealed the decision.

On 4/16/2019, Qualcomm and Apple (AAPL) agreed to settle all disputes, dismissing all litigation between the two companies. Qualcomm recognized $\$ 4.7$ billion in licensing revenue in the third quarter of fiscal 2019 related to its settlement with Apple. The two companies have a six-year license agreement with options to add two additional years. Qualcomm reported earnings results for the first quarter of fiscal 2020 on $2 / 6 / 2020$. The company's adjusted earnings-per-share was $\$ 0.99$, coming in $\$ 0.14$ ahead of estimates. This was a $17.5 \%$ decline from the previous year. Revenue increased $5.4 \%$ to $\$ 5.1$ billion, which was $\$ 250$ million above expectations.
Revenues for Qualcomm CDMA Technologies, or QCT, was down 3\% to $\$ 3.6$ billion from the previous year and flat from Q4 fiscal 2019. Chip shipments were down 34\% year-over-year. Chip shipments dropped 17\% year-over-year. Qualcomm Technology Licensing, or QTL, revenues for the quarter were higher by $38 \%$ to $\$ 1.4$ billion. Qualcomm retired 9.2 million shares at an average price of $\sim \$ 83$ during the quarter. Qualcomm should benefit from continued 5G rollout as consumers upgrade their smartphones. The company signed several agreements during the past fiscal year that should allow it to take a leadership position with 5G. Shares ended the trading session up more than $2 \%$ after the earnings release. Consensus estimates for fiscal 2020 have been raised to $\$ 4.19$ from $\$ 4.13$, which would be a $17 \%$ increase from fiscal 2019.

## Growth on a Per-Share Basis

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | $\mathbf{\$ 2 . 4 6}$ | $\mathbf{\$ 3 . 2 0}$ | $\$ 3.71$ | $\$ 4.51$ | $\$ 5.27$ | $\$ 4.66$ | $\$ 4.44$ | $\$ 4.28$ | $\$ 3.69$ | $\$ 3.59$ | $\mathbf{\$ 4 . 1 9}$ |
| DPS | $\$ 0.72$ | $\$ 0.81$ | $\$ 0.93$ | $\$ 1.20$ | $\$ 1.54$ | $\$ 1.80$ | $\$ 2.02$ | $\$ 2.20$ | $\$ 2.43$ | $\$ 2.48$ | $\mathbf{\$ 2 . 4 8}$ |
| Shares $^{\mathbf{1}}$ | 1612 | 1681 | 1706 | 1685 | 1669 | 1524 | 1476 | 1474 | 1470 | 1470 | $\mathbf{1 1 6 0}$ |

Qualcomm's earnings-per-share declined almost 16\% during the last recession. The company has grown earnings-pershare at a rate of $6.6 \%$ per year over the last decade. An agreement with Apple, a lower share count and leadership in 5 should allow the company to grow earnings-per-share by at least $6.6 \%$ through 2025 . Applying the expected growth rate to our guidance for fiscal 2020 of $\$ 4.19$, Qualcomm could earn $\$ 5.77$ by fiscal 2025.

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Qualcomm has increased its dividend for 17 consecutive years. Qualcomm usually announces an increase in the middle of April, but the dividend payment will remain the same at least through September. The average dividend raise over the past five years is 6.6\%.

Valuation Analysis

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | Now |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 0 2 5}$ |  |  |  |  |  |  |  |  |  |  |  |
| Avg. P/E | 16.5 | 16.4 | 15.9 | 14.2 | 14.3 | 14.5 | 12.1 | 13.7 | 17.7 | 21.2 | $\mathbf{2 1 . 7}$ |
| Avg. YId. | $1.8 \%$ | $1.5 \%$ | $1.6 \%$ | $1.9 \%$ | $2.0 \%$ | $2.7 \%$ | $3.8 \%$ | $3.8 \%$ | $3.9 \%$ | $3.3 \%$ | $\mathbf{2 . 7 \%}$ |
| $\mathbf{~ A . 8 \%}$ |  |  |  |  |  |  |  |  |  |  |  |

Shares of Qualcomm have increased \$1, or 1.1\%, since our 11/7/2019 report. Based off of the earnings forecast for fiscal 2020, the stock trades with a price-to-earnings ratio of 21.7. Qualcomm's stock had an average price-to-earnings ratio of 15.6 from 2009 through 2018. Due to resolution with Apple, we have increased our 2025 valuation target to 15.6 from 14 previously. If the stock were to revert to our new P/E target by 2025 , valuation would be a $6.6 \%$ headwind to annual returns over this time period.

Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | 2010 | 2011 | 2012 | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payout | $29 \%$ | $25 \%$ | $25 \%$ | $27 \%$ | $29 \%$ | $39 \%$ | $46 \%$ | $51 \%$ | $67 \%$ | $69 \%$ | $59 \%$ |

Qualcomm earnings declined during the last recession and would likely do so in the event of the next one. While handheld devices have become a necessity amongst consumers, the company would likely see a decline in earnings-pershare due to their high costs. The components that Qualcomm produces are considered to be the best available, so phone makers will likely continue using the company's products in future iterations of their devices. This is especially true as 5G launches occur.

## Final Thoughts \& Recommendation

Following first quarter results, Qualcomm is expected to return $2.9 \%$ through 2025, matching our previous estimate. Shares of the company have returned more than $77 \%$ over the last year, which explains our low projected returns over the next five years. We have raised our 2025 price target $\$ 1$ to $\$ 90$ due to the increase in earnings estimates for the current year, but reiterate our sell rating on the stock. Investors interested in owning Qualcomm are encouraged to wait for a pullback before purchasing shares.

## Total Return Breakdown by Year



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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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Income Statement Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 10982 | 14957 | 19121 | 24866 | 26487 | 25281 | 23554 | 22258 | 22611 | 24273 |
| Gross Profit | 7681 | 10080 | 12025 | 15046 | 15801 | 14903 | 13805 | 12466 | 12367 | 15674 |
| Gross Margin | $69.9 \%$ | $67.4 \%$ | $62.9 \%$ | $60.5 \%$ | $59.7 \%$ | $58.9 \%$ | $58.6 \%$ | $56.0 \%$ | $54.7 \%$ | $64.6 \%$ |
| SG\&A Exp. | 1503 | 1945 | 2270 | 2518 | 2290 | 2344 | 2385 | 2658 | 2986 | 2195 |
| D\&A Exp. | 666 | 1061 | 897 | 1017 | 1150 | 1214 | 1428 | 1461 | 1561 | 1401 |
| Operating Profit | 3727 | 5026 | 5682 | 7230 | 7550 | 5776 | 6495 | 2581 | 621 | 7667 |
| Op. Margin | $33.9 \%$ | $33.6 \%$ | $29.7 \%$ | $29.1 \%$ | $28.5 \%$ | $22.8 \%$ | $27.6 \%$ | $11.6 \%$ | $2.7 \%$ | $31.6 \%$ |
| Net Profit | 3247 | 4260 | 6109 | 6853 | 7967 | 5271 | 5705 | 2445 | -4964 | 4386 |
| Net Margin | $29.6 \%$ | $28.5 \%$ | $31.9 \%$ | $27.6 \%$ | $30.1 \%$ | $20.8 \%$ | $24.2 \%$ | $11.0 \%$ | $-22.0 \%$ | $18.1 \%$ |
| Free Cash Flow | 2586 | 4307 | 4714 | 7730 | 7702 | 4512 | 7093 | 4311 | 3124 | 6399 |
| Income Tax | 973 | 1132 | 1279 | 1349 | 1244 | 1219 | 1131 | 543 | 5356 | 3095 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 30572 | 36422 | 43012 | 45516 | 48574 | 50796 | 52359 | 65486 | 32718 | 32957 |
| Cash \& Equivalents | 3547 | 5462 | 3807 | 6142 | 7907 | 7560 | 5946 | 35029 | 11777 | 11839 |
| Acc. Receivable | 730 | 951 | 1418 | 2066 | 2362 | 1941 | 2194 | 3576 | 2667 | 1046 |
| Inventories | 528 | 765 | 1030 | 1302 | 1458 | 1492 | 1556 | 2035 | 1693 | 1400 |
| Goodwill \& Int. | 4510 | 6531 | 6855 | 6529 | 7068 | 9221 | 9179 | 10360 | 9453 | 8454 |
| Total Liabilities | 9714 | 9450 | 9467 | 9429 | 9408 | 19382 | 20591 | 34740 | 31911 | 28048 |
| Accounts Payable | 1014 | 969 | 1298 | 1554 | 2183 | 1300 | 1858 | 1971 | 1825 | 1368 |
| Long-Term Debt | 1086 | 994 | 0 | 0 | 0 | 10969 | 11757 | 21893 | 16370 | 15933 |
| Total Equity | 20858 | 26951 | 33523 | 36088 | 39169 | 31421 | 31778 | 30746 | 807 | 4909 |
| D/E Ratio | 0.05 | 0.04 | 0.00 | 0.00 | 0.00 | 0.35 | 0.37 | 0.71 | 20.29 | 3.25 |

Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | $11.2 \%$ | $12.7 \%$ | $15.4 \%$ | $15.5 \%$ | $16.9 \%$ | $10.6 \%$ | $11.1 \%$ | $4.1 \%$ | $-10.1 \%$ | $13.4 \%$ |
| Return on Equity | $15.8 \%$ | $17.8 \%$ | $20.2 \%$ | $19.7 \%$ | $21.2 \%$ | $14.9 \%$ | $18.1 \%$ | $7.8 \%$ | $-31.5 \%$ | $153.5 \%$ |
| ROIC | $15.4 \%$ | $17.1 \%$ | $19.9 \%$ | $19.7 \%$ | $21.2 \%$ | $12.9 \%$ | $13.3 \%$ | $5.1 \%$ | $-14.2 \%$ | $23.1 \%$ |
| Shares Out. | 1612 | 1681 | 1706 | 1685 | 1669 | 1524 | 1476 | 1474 | 1470 | 1470 |
| Revenue/Share | 6.62 | 8.85 | 10.98 | 14.18 | 15.45 | 15.42 | 15.72 | 14.94 | 15.46 | 19.90 |
| FCF/Share | 1.56 | 2.55 | 2.71 | 4.41 | 4.49 | 2.75 | 4.74 | 2.89 | 2.14 | 5.25 |

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

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[^0]:    ${ }^{1}$ In millions of shares
    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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