

Shopify Inc. (SHOP)

Updated February 23rd, 2020 by Felix Martinez

Key Metrics

| Current Price: | \$521 | 5 Year CAGR Estimate: | 10.8% | Market Cap: | \$58.8 B |
|-----------------------|-------|-------------------------------------|--------|---------------------------|----------|
| Fair Value Price: | \$285 | 5 Year Growth Estimate: | 25.0% | Ex-Dividend Date: | N/A |
| % Fair Value: | 183% | 5 Year Valuation Multiple Estimate: | -11.4% | Dividend Payment Date: | N/A |
| Dividend Yield: | N/A | 5 Year Price Target | \$869 | Years Of Dividend Growth: | N/A |
| Dividend Risk Score: | N/A | Retirement Suitability Score: | N/A | Last Dividend Increase: | N/A |

Overview & Current Events

Shopify Inc. is a cloud-based, multi-channel commerce platform that builds web and mobile software for merchants to subscribe to and set up online stores. The Shopify platform allows merchants to have a single view of business, including sales channels, inventory management, order processing, shipment management, and customer relationship management. Shopify has a market capitalization of \$58.8 billion and a 5-year revenue CAGR of 41.8%.

On February 12, 2020, Shopify Inc. reported fourth-quarter and full Fiscal Year (FY)2019 results for the period ending December 31, 2019. Total revenue in the fourth quarter was \$505.2 million, a 47% increase from 4Q2018. Subscription Solutions revenue grew 37% to \$183.2 million. This increase was driven primarily by growth in Monthly Recurring Revenue1 ("MRR"), largely as a result of an increase in the number of merchants joining the Shopify platform. Adjusted net income for the fourth quarter of 2019 was \$50.0 million, or \$0.43 per share, compared with adjusted net income of \$29.4 million, or \$0.27 per share, for the fourth quarter of 2018. Total revenue for the full year 2019 was \$1.578 billion, a 47% increase over 2018. Within this, Subscription Solutions revenue grew 38% to \$642.2 million, while Merchant Solutions revenue grew 54% to \$935.9 million. Adjusted net income for 2019 was \$34.3 million, or \$0.30 per share, compared with adjusted net income of \$44.1 million, or \$0.43 per share, for 2018

Looking forward, the company expects revenues in the range of \$2.13 billion to \$2.160 billion for the full year 2020. We will use the midpoint of \$2.145 billion for our Revenue/Share and Price/sales ratio calculation. The company currently expects revenues in the range of \$440 million to \$446 million for 1Q20. Averaging out the two, we estimate sales of \$443 million for the first quarter of 2020. This is a growth of 38.2% versus 1Q19.

Growth on a Per-Share Basis

| Year | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2025 |
|---------------------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| Revenue/Share | \$0.36 | \$0.74 | \$1.57 | \$3.31 | \$4.63 | \$7.01 | \$10.12 | \$13.96 | \$18.98 | \$57.92 |
| Shares ¹ | 66.0 | 67.0 | 67.0 | 62.0 | 84.0 | 96.0 | 106.0 | 113.0 | 113.0 | 113.0 |

Shopify Inc. grew revenue over the past five years by 41.8% annually to \$1.6 billion in 2019. The company achieved profitability based on adjusted Non-GAAP EPS of \$0.43 in 2018 and \$0.30 in 2019. The 2020 consensus estimate \$0.21 in earnings ((30)% less than 2019 earnings) and revenue of \$2.14 billion (35.6% higher than 2019 revenue). The fiscal year 2019 operating cash flow was \$70.6 million, and the company currently has \$649.9 million in cash and cash equivalents, which is an increase of 58.2% from FY2018.

The 2025 \$57.92 revenue per share estimate assumes a lowered 25% 5-year CAGR due to expectations of market maturation, intensifying competition in eCommerce software providers and also reflects the already intense competition in the new products that Shopify Inc had entered into such as payments and merchant cash advances.

¹ Shares in Millions



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Valuation Analysis

| Year | 2015 | 2016 | 2017 | 2018 | 2019 | Now | 2025 |
|------------------|------|------|------|------|------|------|------|
| Avg. Price/Sales | 7.8 | 9.3 | 14.4 | 13.6 | 28.5 | 27.4 | 15.0 |
| Avg. Yld. | | | | | | | |

Shopify Inc has not generated meaningful profits and thus does not have a dividend or a price-to-earnings multiple. Hence for relative valuation purposes, we prefer the price/sales ratio. The forecasted revenue growth for 2020 is 35.6%, and the following 5-year sales/share CAGR is 25%, as discussed above. 2025 price-to-sales multiple is expected to decline by a five year -13.98% CAGR to 15x.

The decline is in line with lowered sales growth expectations as the company matures, and its ecosystem and product extension begin to compete directly with peers like Wix.com, GoDaddy Inc., Square Inc., and Salesforce.com Inc. These listed peers currently trade at price-to-revenue multiples of 9.11x, 4.49x, 8.11x, and 9.54x, respectively.

Safety, Quality, Competitive Advantage, & Recession Resiliency

| Year | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2025 |
|--------|------|------|------|------|------|------|------|
| Payout | | | | | | | |

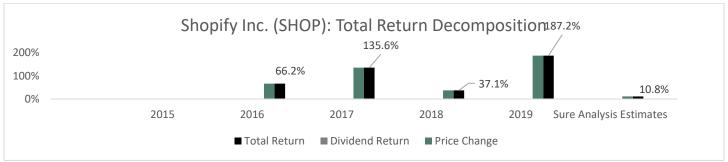
Shopify Inc. is susceptible to economic cycles as its services and products are catered towards the consumer sector. The company is in a growth phase and spent an average of 46% of its revenue on marketing over the last five years. There is no historical trend to rely on in terms of how the company operated through recessionary periods. Cash of \$649.9 million and discretionary operating levers such as marketing spend may help buffer the impact of weak sales through a down cycle.

There have also been analyst concerns over high merchant churn rates on Shopify's platform, which could be exacerbated in a recession. The Shopify eCommerce ecosystem has expanded through third-party apps, payment solutions, and providing cash advances to merchants. These overlap with other growth companies such as PayPal and Square Inc. With the difficult competition, there is a risk that any execution errors or change in economic condition would result in a significant impact on Shopify's bottom line.

Final Thoughts & Recommendation

Shopify trades at 183% over its fair value based on our estimates. The total return of 10.8% is entirely based on the revenue per share growth estimate of 25%. Dividend yield-oriented investors should not expect a near term dividend as the company continues to grow its business. The company is not suitable for income investors or fundamental value investors. We rate Shopify as a Hold. This company is for investors focused solely on growth and not income.

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 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------|------|------|------|------|--------|-------|-------|-------|-------|-------|
| Revenue | N/A | N/A | N/A | N/A | 105 | 205 | 389 | 673 | 1073 | 1578 |
| Gross Profit | N/A | N/A | N/A | N/A | 62 | 113 | 209 | 380 | 596 | 866 |
| Gross Margin | N/A | N/A | N/A | N/A | 58.8% | 55.2% | 53.8% | 56.5% | 55.6% | 55.6% |
| SG&A Exp. | N/A | N/A | N/A | N/A | 57 | 91 | 172 | 293 | 458 | 652 |
| D&A Exp. | N/A | N/A | N/A | N/A | 5 | 7 | 14 | 23 | 27 | 36 |
| Operating Profit | N/A | N/A | N/A | N/A | -22 | -18 | -37 | -49 | -92 | -141 |
| Op. Margin | N/A | N/A | N/A | N/A | -20.6% | -8.7% | -9.5% | -7.3% | -8.6% | -8.6% |
| Net Profit | N/A | N/A | N/A | N/A | -22 | -19 | -35 | -40 | -65 | -125 |
| Net Margin | N/A | N/A | N/A | N/A | -21.2% | -9.2% | -9.1% | -5.9% | -6.0% | -6.0% |
| Free Cash Flow | N/A | N/A | N/A | N/A | -24 | -5 | -12 | -16 | -32 | 8.2 |

Balance Sheet Metrics

| Year | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|--------------------|------|------|------|------|------|------|------|------|------|------|
| Total Assets | N/A | N/A | N/A | N/A | 95 | 244 | 491 | 1114 | 2255 | 3489 |
| Cash & Equivalents | N/A | N/A | N/A | N/A | 42 | 110 | 84 | 142 | 411 | 650 |
| Acc. Receivable | N/A | N/A | N/A | N/A | 1 | 2 | 15 | 54 | 103 | 134 |
| Goodwill & Int. | N/A | N/A | N/A | N/A | 5 | 8 | 22 | 38 | 64 | |
| Total Liabilities | N/A | N/A | N/A | N/A | 27 | 48 | 80 | 112 | 164 | 479 |
| Accounts Payable | N/A | N/A | N/A | N/A | 8 | 18 | 34 | 44 | 61 | 474 |
| Long-Term Debt | N/A | N/A | N/A | N/A | 0 | 0 | 0 | 0 | 0 | 91 |
| Total Equity | N/A | N/A | N/A | N/A | -19 | 195 | 410 | 1001 | 2091 | 3016 |
| D/E Ratio | N/A | N/A | N/A | N/A | 0 | 0 | 0 | 0 | 0 | 0 |

Profitability & Per Share Metrics

| Year | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------------|------|------|------|------|--------|--------|--------|-------|-------|-------|
| Return on Assets | N/A | N/A | N/A | N/A | -23.4% | -11.1% | -9.6% | -5.0% | -3.8% | -4.3% |
| Return on Equity | N/A | N/A | N/A | N/A | 213% | -21.4% | -11.7% | -5.7% | -4.2% | -4.9% |
| ROIC | N/A | N/A | N/A | N/A | -29.1% | -14.3% | -11.7% | -5.7% | -4.2% | -4.9% |
| Shares Out. | N/A | N/A | N/A | N/A | 67 | 62 | 84 | 96 | 106 | 113 |
| Revenue/Share | N/A | N/A | N/A | N/A | 1.58 | 3.33 | 4.64 | 7.03 | 10.16 | 13.96 |
| FCF/Share | N/A | N/A | N/A | N/A | -0.35 | -0.09 | -0.15 | -0.17 | -0.30 | 0.07 |

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

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