

Vipshop: A Compelling Value Opportunity

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Last Updated: December 30, 2021

Executive Summary

- ★ Often considered the online TJX of China, **Vipshop** ("**VIPS**") is the leading online discount retailer of apparel, cosmetics, and home goods products in Mainland China. The company boasts a growing ecosystem of 44M quarterly active customers, more than 20K brand partners and almost 200B of annual Gross Merchandise Value ("**GMV**").
- ★ Eric Shen and Arthur Hong founded the company in 2010, after spending 35 years collectively working in consumer electronic products distribution in China. They currently hold 12.0% and 6.9% stakes in the company, respectively. VIPS also counts Tencent (China's largest Internet ecosystem) and JD (China's largest 1P Ecommerce platform) among its key investors.
- ★ A confluence of factors in recent quarters have depressed VIPS's valuation to an extremely attractive level: LTM P/E of 6.2x and 2021 EV/EBITDA 3.3x. VIPS's net cash on its balance sheet is about a third of its market cap! At this level, even if VIPS is not growing its earnings, it can simply use its earnings to repurchase its shares and generate 15-20% EPS growth. The company's superior return on capital and cash generation (ROA/ROCE ~ 10%/20%, negative working capital) gives us the assurance that VIPS will have no trouble executing such share repurchases.
- ★ After delving into the bear theses, we have concluded that the headline risks delisting, VIE ban, regulations are overblown and manageable. US shareholders of VIPS can continue owning VIPS shares in the US or HK stock exchanges and reaping the benefits of VIPS's durable & growing franchises. Moreover, VIPS's short-term growth & margin issues are explained by high base and mix issues.
- ★ Management has been working on several initiatives including upstream integration/verticalization, Super VIP membership, private labels (made-for-Vishop products), and offline outlets which will strengthen VIPS's franchise and buttress its business moats. We will monitor such initiatives closely in upcoming years. We strongly believe that with good execution, VIPS will be able to protect its defensive niche in discount retailing of apparel, cosmetics, and home goods. Over time, investors will recognize VIPS's franchise value and pay appropriate multiples for this company.

Business description

VIPS is the leading discount retailer of apparel, cosmetics, and home goods products in China. Founded in 2008, VIPS pioneered the successful "flash sales" model. Over the last 13 years, VIPS has evolved to become a sophisticated omni-channel discount retailer, catering to 80M annual active customers, 44M quarterly active customers and 20K brand partners. The company has been maintaining high retention rates on its annual active customers of 76.1%, 79.7% and 81.3% in 2018, 2019 and 2020.

VIPS's primary channel is online (VIP.com website, Vipshop App and WeChat Mini-Program), which makes up more than 90% of its Gross Merchandise Value ("GMV"). In recent years, VIPS has been investing in building its offline channel via Vipshop branded stores and Shan Shan outlets. The offline channel has already made up a high-single-digit share of VIPS's total GMV, and growing very healthily at 15-20% p.a.

Financial overview

Market cap (RMB): 40.7 billion	Revenue (L12M, RMB): 118.7 billion
Net cash (RMB): 13.0 billion	EBITDA (2020, RMB): 7.5 billion
Enterprise value (RMB): 28.7 billion	Net income (L12M, RMB): 6.0 billion
Share count: 677.6 million	Free Cash Flow (L12M, RMB): 4.2 billion

Investment thesis

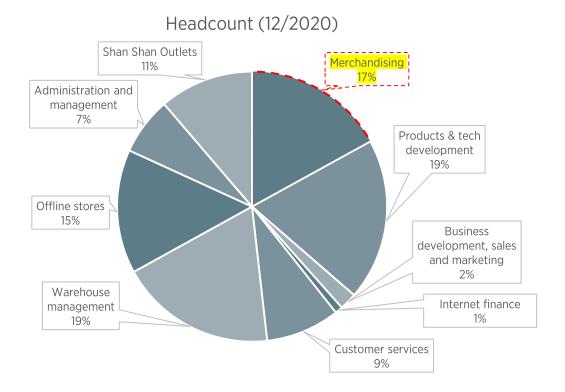
Our thesis on VIPS is predicated upon three pillars. Firstly, we believe that VIPS has carved out its niche in the discount space, where its value proposition & business model are unique and defensive. Secondly, VIPS has a stable, capable management team, and its founders have been with the company since Day 1 and still hold significant stakes in the company. Thirdly, the company's valuation gives us a large margin of safety.

Unique value proposition & business model

About 70% of VIPS's GMV is off-season, deep-discount merchandise. In other words, the core business of VIPS is still inventory clearance. Given VIPS's focus on off-season, deep-discount products, VIPS will likely continue being the first place that brands go to for inventory clearance. This is because brands generally want to have a separate channel for their off-season, deep-discount merchandises. Mixing the deep-discount merchandises with the full-price merchandises would provide incentives for consumers to pick the former.

Unlike its competitors, VIPS employs the first party model. It has an in-house merchandising team of roughly 1300 people, who proactively procure merchandises from brands. The buyer team ensures that VIPS's merchandises are differentiated in terms of both price and quality.





Stable management team with reputable shareholders.

The company's Chairman & CEO, Eric Shen, has been with the company since its inception in August 2010. Prior to founding VIPS, he had 20 years of experience in consumer electronic products distributions. He has a 12.0% stake in the company.

The company's Vice Chairman & COO, Arthur Hong, is a co-founder. Prior to co-founding VIPS, he had 15 years of experience in consumer electronic products distributions. He has a 6.9% stake in the company.

Tencent and JD, two of the most established tech powerhouses in China, have 9.3% and 7.3% stakes in VIPS, respectively.

Attractive valuation

Despite being the leading online discount platform in China, VIPS is trading at L12M P/E of 6.2x and 2021 EV/EBITDA of 3.3x (12/21/2021). The company's net cash, at RMB 13B, is about a third of the company's market cap. Its ROE and ROA have been sustaining above 20% and 10%, demonstrating superior profitability & efficiency of capital deployed. Furthermore, VIPS's has a very cash generative business, with cash conversion cycle consistently below zero.



	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021
Return on Common Equity	20.8%	21.2%	23.5%	25.4%	23.2%	20.0%
Return on Assets	10.2%	10.4%	11.0%	13.6%	11.8%	10.6%
Cash conversion cycle (days)	-21.5	-17.7	-29.3	-16.6	-23.1	-15.5

VIPS's valuation presents us a significant upside even without any growth in earnings (which is unlikely given the company's current ROCE/ROA profile). At P/E of 6.2x, the company can simply use its earnings to buy back shares and generate 15-20% growth in Earnings Per Share ("EPS"). On the same P/E multiple, the company's share price can appreciate 15-20% even without any growth in earnings or market cap. Such dynamics are illustrated below.

Year	0	1	2	3	4	5
Market cap (\$)	600	600	600	600	600	600
Earnings (\$)	100	100	100	100	100	100
Share count	100.0	83.3	69.4	57.9	48.2	40.2
Share buyback amount (\$)		100	100	100	100	100
# of shares bought back		16.7	13.9	11.6	9.6	8.0
EPS (\$)	1.00	1.20	1.44	1.73	2.07	2.49
P/E (x)	6.0x	6.0x	6.0x	6.0x	6.0x	6.0x
Share price (\$)	6.00	7.20	8.64	10.37	12.44	14.93
Share price appreciation (%)		20%	20%	20%	20%	20%

What are the concerns on the stock?

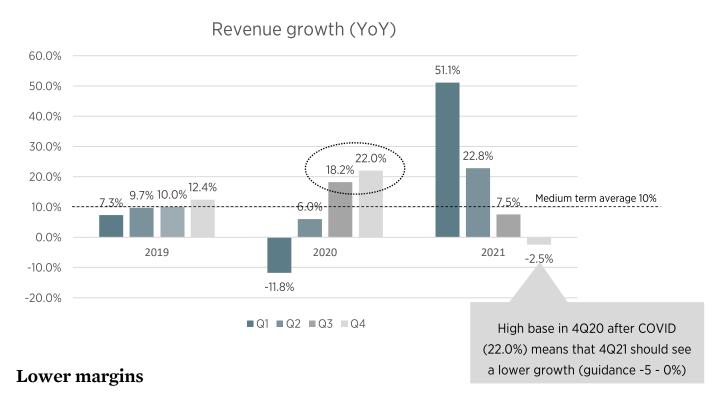
There are several factors which are causing VIPS's share price to trade at the current level. We will address them in this section.

Growth deceleration

In the latest quarterly earnings release, VIPS reported a revenue growth deceleration and guided for an even lower revenue growth in 4Q21. We think that the lower growth rates are due to higher bases in 3Q20 and 4Q20 (see chart below). Following the emergence of COVID-19 in 1H20, VIPS benefited from higher inventory excess in the apparel industry, as well as consumers' online shift. VIPS saw its revenue growth rates accelerated to 18.2% and 22.0% YoY in 3Q20 and 4Q20, almost 2x its YoY revenue growth rates in 2019. With such high bases in 2H20, it is understandable that VIPS's growth rates should be lower in 3Q21 and 4Q21.

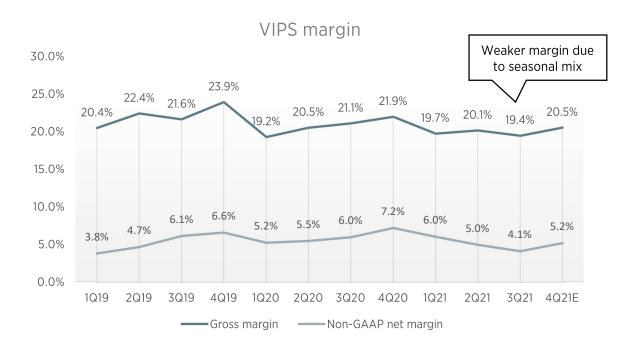
While some analysts might estimate VIPS's revenue growth based on its user growth, we believe that its most important growth driver is actually merchandising. While a larger user base will make VIPS a more attractive channel to brands, it is more important that the company can maintain its reputation as the place

that offers best value merchandises. Therefore, we estimate that VIPS's medium-term growth rates should be in-line with the online apparel industry in China, which is about 5-10% p.a.



Separately, there have been concerns raised on VIPS's lower margins in 3Q21. Gross margin & net margin declined to 19.4% (vs. 20.1% in previous quarter) and 4.1% (vs. 5.0% in previous quarter). Q3 is a seasonally slow quarter. Moreover, 3Q21 saw expansive growth in the lower-margin categories (jewelries, daily necessities) which dragged down margin. According to management, 4Q21 has seen normalizations of growth rates, particularly in higher margin categories like apparels, which means margins will normalize soon.

Longer term, the company aims to maintain gross margin at above 20% and non-GAAP net income at above 5%.



Moving beyond VIPS's financial performance, there have been geopolitical and regulatory overhangs hurting Chinese equity. Primarily, there are worries on ADR listing, VIE ban, and tech regulation. We'll address them sequentially.

Delisting?

On delisting risk, we don't think this issue has been resolved one way or another yet. The China Securities Regulatory Commission ("CSRC") is working closely with the US Securities and Exchange Commission ("SEC") to avoid such negative outcome. At the end of the day, neither American nor Chinese investors benefit from delisting Chinese companies on American stock exchanges. If the regulators on both sides can find a satisfactory solution, then delisting will not happen.

The background story involves another American entity called Public Company Accounting Oversight Board ("PCAOB"), which was formed by the SEC in 2002 to regulate accounting firms – the likes of PWC, Deloitte, KPMG and E&Y. In other words, the PCAOB is the ultimate auditor of auditors, making sure that the accounting firms are doing their job. The PCAOB has required all global auditors to open their books for inspection, and all of them, except those stationed in China have complied.

The difficulty arises because China wants to maintain a tight control of state secrets and other sensitive information, which might be inadvertently disclosed in auditors' books. China has a very expansive definition of state secrets. Moreover, it doesn't have a single government entity that can decide which information is state secret and which is not. Therefore, China has been having difficulty providing the disclosure of auditing trails to the PCAOB and the SEC. One way to overcome such difficulty is to form a new inter-departmental body, which shall have the final say in what to disclose and what not to disclose. Such

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inter-departmental body can work closely with both the CSRC and the PCAOB to allow for satisfactory auditing without jeopardizing Chinese national interests.

The CSRC's recent public statement¹ gives us much comfort that China's CSRC and Ministry of Finance are proactively working with the US's SEC and PCAOB to avoid delisting:

- * "In the past few years, the China Securities Regulatory Commission and the Ministry of Finance have taken the initiative to propose to the United States joint inspection cooperation plans and solutions to existing problems in law enforcement cooperation."
- * "At present, the relevant regulatory agencies of China and the United States are negotiating on the cooperation of audit supervision, and some positive progress has been made. We welcome the attitude of the SEC and PCAOB to continue to communicate with China and actively solve problems. China is ready to communicate further with the US at any time."

However, if a solution is not found quickly enough, it is not the end of the world either. VIPS can seek listing on the Hong Kong Exchange ("HKEx") in Hong Kong. In November 2021, HKEx finalized several proposals making it easier for US-listed Greater China issuers to return to HK². For issuers delisted from the overseas exchanges, HKEx will grant an automatic 12-month grace period to comply with HKEx's new listing requirements. Separately, HKEx will waive any restrictions regarding Weighted Voting Rights and/or VIE structures for companies which went IPO in the US on or before 15 December 2017. This means VIPS should have no difficulty listing on HKEx at all if it ever needs to.

Lastly, it is worth mentioning that, even if delisting were to happen, it wouldn't be for 2 more years under the current SEC laws.

VIE ban?

There have been talks about a potential VIE ban. VIE is Variable Interest Entity, a structure which is employed by most Chinese ADR companies to list in the US. This is an example of fear-mongering media making up sensational news to generate readership.

The CSRC has publicly denied such rumor³.

http://www.csrc.gov.cn/csrc_en/c102030/c1657008/content.shtml

¹ "CSRC Spokesperson Answered Reporter Question Regarding Recent Statements of the U.S. Regulators." China Securities Regulatory Commission, 16 Dec. 2021.

² "Consultation Conclusions: Listing Regime for Overseas Issuers." Hong Kong Stock Exchange, 2021, p. 7. cp202103cc.pdf (hkex.com.hk)

³ "CSRC Spokesperson Answered Reporter Question Regarding Recent Statement." China Securities Regulatory Commission, 5 Dec. 2021. <u>CSRC Spokesperson Answered Reporter Question Regarding Recent Statement_CSRC</u>

* "Recently, some overseas media reported that Chinese regulators will ban overseas listing of companies with VIE structure and demand Chinese companies to delist from U.S. stock exchanges, which is a completely misunderstanding and misinterpretation."

Moreover, since the company's IPO was before December 2017, its VIE status will not be contested by HKEx if it were to seek secondary or primary listing in HKEx. HKEx considers Chinese companies which went public in the US before December 2017 as "Grandfathered Greater China Issuers" who will be exempted from any VIE or WVR restrictions⁴.

★ "The rationale for grandfathering the WVR /VIE structures of Grandfathered Greater China Issuers and Non-Greater China Issuers (including those listed on a Qualifying Exchange on or before the Exchange's announcement of proposed reforms relating to WVR structures) was that these issuers were seen as not having listed overseas for the purpose of regulatory arbitrage."

Tech regulations

Lastly, on the topic of tech regulations in China, we believe that the impact on VIPS is neutral at worst and positive at best. On the one hand, VIPS is small enough that the anti-monopoly regulations won't directly affect its businesses. VIPS's Ecommerce data is limited and less sensitive, which means VIPS's business model is less restricted by personal data privacy laws. In addition, since the tech crackdown, capital inflows to the tech sector have slowed down, thereby reducing the risk of new entrants in the sector.

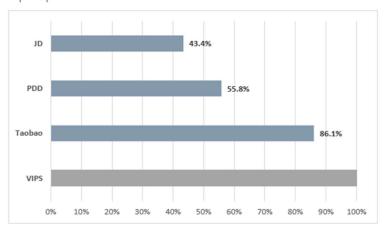
Longer term issues to monitor

VIPS operates in a highly competitive space. There is competition coming from the larger peers like BABA (with Taobao), PDD and JD. They can build dedicated outlet channels for the brands to clear their inventories. Alibaba, for example, had begun offering the online "outlet/temai" stores in addition to the flagship stores.

⁴ "Consultation Conclusions: Listing Regime for Overseas Issuers." Hong Kong Stock Exchange, 2021, p. 7. cp202103cc.pdf (hkex.com.hk)



Taobao app has the highest user overlapping rate of 86.1% with Vipshop



Source: Quest Mobile, Morgan Stanley Research

Furthermore, there are new competitors who have joined in the last few years. Aikucun, which has raised \$214M of capital since its founding year 2017, utilizes the S2B2C model to connect manufacturers, distributors and customers together to solve the problem of manufacturing inventory. Aikucun has seen some degree of success with helping manufacturers and distributors reduce excess inventory.

Separately, Haoyiku, which has raised \$115M of capital since its founding year 2017, leverages social networks to build a community ecommerce platform for selling apparel.

We should expect more competition in the future given the attractiveness of the apparel business. VIPS management is acutely aware of that. They have been rolling out strategic initiatives to defend their turf.

- ★ Upstream integration/verticalization: Management has determined that its business moat comes from being able to procure the best value merchandises. To do that, it has deepened relationships with its top 700 brand partners by offering them more resources & support and in return securing high-quality inventories from them. In addition, VIPS has collaborated with its key brand partners to produce "Made-for-VIPS" merchandises which are only available on VIPS platforms. In the future, management has considered acquiring stakes in certain suppliers or distributors to further secure & produce unique merchandises for VIPS. The company has RMB 16B of cash (~\$2.5B) on its balance sheet. The pandemics may open opportunistic windows for VIPS to deploy this capital on high-quality yet struggling suppliers/distributors.
- ★ Super VIP: 5-6M SVIP members, accounting for more than a third of GMV. An SVIP member can consume up to 8-9x higher than that of an average customer. SVIP membership saw 40% growth YoY in 3Q21. Management identifies additional 10M prospective SVIP members in its existing customer base. If it can convert all 10M to SVIP members, the SVIP members alone will generate the total GMV today.
- ★ Offline outlets: VIPS's offline outlets have been doing extremely well. Representing high single digits of VIPS's total GMV, this business grew 18% in 3Q21 despite broader weakness in offline retail. In the next 5-10 years, the offline business can represent a significant share (20% or more) of VIPS's GMV, if the company can maintain steady rollout of outlets.

To monitor the successes of these critical initiatives, we suggest keeping an eye on the following metrics in the future:

Initiatives	Core Metrics
Upstream integration/verticalization	 ★ Growth in daily merchandise values (or unique # of SKUs) on VIPS platforms ★ Share of GMV from Made-for-VIPS
Super VIP	★ Number of SVIP members★ SVIP's average annual spend
Offline outlets	 ★ GMV contribution from offline outlets ★ Profit contribution from offline outlets

In summary

On balance, we believe that VIPS is a compelling value opportunity. We don't think there is any risk of permanent capital loss. Delisting, VIE ban and regulatory action are all manageable risks. None of them will render VIPS un-investable.

For other concerns (growth, margin, competition, etc.), we have incorporated them into our valuation model.

- ★ Growth: We expect VIPS to grow in-line with the online apparel market in China, which is roughly 5-10%.
- ★ Margin: We expect EBIT margin to settle at around 5.5%, which implies net margin of 4.1% and non-GAAP net margin of ~5%, in-line with management expectation.
- ★ Working capital: We expect W/C to play a smaller role in helping cash flow for VIPS in the future. The company may want to bear more cost of working capital to garner support from its suppliers.
- ★ D&A and CapEx: Since the company won't be growing at double digits rate in the future, we expect both D&A and CapEx to come down gradually as % of revenue.

Taken together, our valuation model shows that VIPS can have significant upsides in the upcoming years: 139% by YE2021 and 206% by YE2024.



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	<u>2019</u>	<u>2020</u>	<u>2021E</u>	<u>2022E</u>	<u>2023E</u>	<u>2024E</u>	<u>2025E</u>	<u>2026E</u>	<u>2027E</u>	<u>2028E</u>	<u>2029E</u>	<u>2030E</u>
	12/31/19	12/31/20	12/31/21	12/31/22	12/31/23	12/31/24	12/31/25	12/31/26	12/31/27	12/31/28	12/31/29	12/31/30
Revenue (M RMB)	92,994	101,858	119,684	128,660	138,310	148,683	159,834	171,821	184,708	197,638	209,496	219,971
YoY	10%	9.5%	17.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.5%	7.0%	6.0%	5.0%
EBIT (M RMB)	4,773	5,860	7,181	7,076	7,607	8,178	8,791	9,450	10,159	10,870	11,522	12,098
EBIT margin	5.1%	5.8%	6.0%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%	5.5%
(-) Taxes	-1,193	-1,465	-1,795	-1,769	-1,902	-2,044	-2,198	-2,363	-2,540	-2,718	-2,881	-3,025
Tax rate	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
(+) Depreciation & Amortization (M RMB)	846	1,007	1,197	1,287	1,383	1,487	1,598	1,546	1,478	1,383	1,257	1,100
% rev	0.9%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.9%	0.8%	0.7%	0.6%	0.5%
(-) Changes in working capital (M RMB)	-5,021	-3,631	0	-1,287	-1,383	-1,487	-1,598	-1,718	-1,847	-1,976	-2,095	-2,200
% rev	-5.4%	-3.6%	0.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%
(-) Capex (M RMB)	4,244	1,966	1,795	1,287	1,383	1,487	1,598	1,546	1,478	1,383	1,257	1,100
% rev	4.6%	1.9%	1.5%	1.0%	1.0%	1.0%	1.0%	0.9%	0.8%	0.7%	0.6%	0.5%
Free Cash Flow (M RMB)	5,203	7,066	4,787	6,594	7,088	7,620	8,191	8,806	9,466	10,129	10,737	11,273
Discount factor			1.00	0.87	0.76	0.66	0.57	0.50	0.43	0.38	0.33	0.28
Discounted FCF (M RMB)			4,787	5,734	5,360	5,008	4,682	4,376	4,091	3,805	3,507	3,202
Current date			12/31/20			E	2nd of 2024					
Discount rate			15%									
Exit growth rate			5%									
PV of FCF (M RMB)			44,553			36,009						
Terminal value (M RMB)			33,623			51,175						
EV (M RMB)			78,175			87,184						
Net cash (M RMB)			13,057			34,359						
Equity value (M RMB)			91,232			121,543						



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Diluted share count M)	709.2	741.6	
Target share price (RMB)	129	164	
USD/RMB	6.4	6.4	
Target share price (USD)	20.10	25.61	
Current share price (USD)	8.38	8.38	
Upside/downside	140%	206%	

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