Singapore Company Update Venture Corporation

Bloomberg: VMS SP | Reuters: VENM.SI

Refer to important disclosures at the end of this report

DBS Group Research . Equity

BUY

Last Traded Price (6 Nov 2020): S\$19.82 (STI: 2,578.68) Price Target 12-mth: S\$24.30 (23% upside) (Prev S\$20.70)

Analyst

Lee Keng LING +65 6682 3703 leekeng@dbs.com

What's New

- 3Q20 results up for the second consecutive guarter but net margins dipped below 10%
- Expecting another guarterly growth in 4Q but at a more • muted rate
- Demand momentum to remain strong in FY21; launch . of new products a key driver
- Maintain BUY and raising our TP to S\$24.30, pegged to a higher PE of 20.3x as sector continues to re-rate



Forecasts and Valuation				
FY Dec (S\$m)	2019A	2020F	2021F	2022F
Revenue	3,633	3,063	3,430	3,628
EBITDA	459	383	441	468
Pre-tax Profit	420	347	405	431
Net Profit	363	297	347	370
Net Pft (Pre Ex.)	363	297	347	370
Net Pft Gth (Pre-ex) (%)	(1.9)	(18.2)	16.8	6.6
EPS (S cts)	125	103	120	128
EPS Pre Ex. (S cts)	125	103	120	128
EPS Gth Pre Ex (%)	(2)	(18)	17	7
Diluted EPS (S cts)	125	103	120	128
Net DPS (S cts)	70.0	70.0	70.0	70.0
BV Per Share (S cts)	862	894	944	1,001
PE (X)	15.8	19.3	16.6	15.5
PE Pre Ex. (X)	15.8	19.3	16.6	15.5
P/Cash Flow (X)	25.0	14.2	30.1	17.1
EV/EBITDA (X)	11.0	12.7	11.2	10.4
Net Div Yield (%)	3.5	3.5	3.5	3.5
P/Book Value (X)	2.3	2.2	2.1	2.0
Net Debt/Equity (X)	CASH	CASH	CASH	CASH
ROAE (%)	15.0	11.7	13.0	13.1
Earnings Rev (%): Consensus EPS (S cts): Other Broker Recs:		(8) 108 B: 7	(6) 128 S: 2	NEW 137 H: 4

Source of all data on this page: Company, DBS Bank, Bloomberg Finance L.P.



9 Nov 2020



Brain Box

(Our NEW Pilot Research Platform) is available to Institutional Investors on Demand. Please contact your DBSV Institutional Sales contact for a demonstration

Strong demand momentum

Investment Thesis:

Buy for steady recovery and quality earnings of a tech blue chip. 3Q20 saw a second consecutive guarter of earnings growth and we are expecting another quarterly growth in 4Q20, albeit at a more muted rate. Beyond FY20F, demand momentum is expected to remain strong. Besides new product initiatives, key growth areas include Life Science, Medical Devices & Equipment, Networking & Communications and Semiconductor.

Beneficiary of realignment of the global supply chain. With its diversified geographical footprint, Venture is poised to benefit from the shift in supply chain.

Strong financials to support dividend. Strong cash position to support the repeat of a 70 Scts DPS which works out to an attractive yield of c.4%.

Potential catalysts: i) new products and continued expansion into higher-margin segments, ii) new customers, iii) opportunities from customers' mergers and acquisitions (M&As) amid the US-China trade war and COVID-19.

Valuation:

Maintain BUY with higher TP S\$24.30. Our TP is pegged to 20.3x on FY21F earnings, which is +2SD (standard deviation) of its 5year average price-to-earnings (PE) vs +1SD previously, given that the worst could be over for its supply chain and demand remains strong.

Where we differ:

Though 9M20 earnings growth is slower than our projection, we remain positive on Venture's ability to continue investing to enhance its differentiating capabilities within its ecosystems of interest in the longer term.

Key Risks to Our View:

Weakening client or global growth prospects. Global economic slowdown; weakening of clients' end-demand and/or the US Dollar (USD) could dampen revenue growth.

At A Glance

Issued Capital (m shrs)	290
Mkt. Cap (S\$m/US\$m)	5,745 / 4,260
Major Shareholders (%)	
Wong Ngit Liong	7.0
Schroders PLC	7.0
Blackrock Inc	5.0
Free Float (%)	76.2
3m Avg. Daily Val (US\$m)	17.4
GIC Industry : Information Technology / Technology Hard	lware & Equipment





WHAT'S NEW

3Q20 results up for a second consecutive quarter

Results Highlight

3Q20 results up for second consecutive quarters. Venture reported 3Q20 net profit of S\$80.2m (+14.2% q-o-q, -5.9% y-o-y) on the back of 18.1% q-o-q increase (-5.8% y-o-y) in revenue to S\$818.4m. On a 9-month basis, revenue and net profit accounted for 63% and 66% respectively of our full year forecasts, below expectations, as we were expecting much stronger growth.

Net margins dipped below 10%. 3Q20 net margins of 9.8% was similar to 3Q19 but lower than 10.1% in 2Q20. This could be due to the product mix. In 2Q20, the focus was mainly to fulfil orders for the essential goods which tend to have a higher margin. In 3Q, besides fulfilling orders for Portfolio 1, which include Life Science, Medical Devices and Equipment and Healthcare & Wellness which generally commands higher margins, Venture also fulfilled orders from Portfolio 2, which generally includes lower-margin projects from the Electronics Manufacturing Services segment.

Strong net cash level. Venture's net cash position of S\$829.7m remained healthy, up 16.3% from S\$713.4m at end-December 2019, even after a higher interim dividend payment of S\$72.5m in September 2020. Its net cash now accounts for c.15% of its market capitalisation. With improved cash level, Venture is in a stronger position to further enhance its technological capabilities and propel the group to the next level of excellence.

Summary of 3Q20 results

(S\$m)	1Q20	2Q20	3Q20	9M20
Revenue	673.0	692.7	818.4	2184.1
Profit before tax	69.9	81.2	92.9	244.0
PBT margin (%)	10.4	11.7	11.3	11.2
Net profit	60.3	70.2	80.2	210.7
Net margin (%)	9.0	10.1	9.8	9.6
y-o-y growth (%)				
Revenue	(27.5)	(23.3)	(5.8)	-19.1
Profit before tax	(34.2)	(22.9)	(5.8)	-22.9
Net profit	(33.6)	(22.7)	(5.9)	-21.0
q-o-q growth (%)				
Revenue	(27.8)	2.9	18.1	
Profit before tax	(36.4)	16.2	14.4	
Net profit	(37.4)	16.4	14.2	

Source: Company; DBS Bank

Outlook

Order backlog largely fulfilled, much faster than our earlier expectations of end 2020. 3Q20 was the first full quarter without much of the disruption from COVID-19 as demand and supply were affected by the pandemic in 1H20. With the situation normalising in 3Q20, Venture was able to fulfill most of the order backlog from 1H20, for both essential and non-essential products. Venture was able to fulfill the backlog orders much faster than our earlier expectations of at least till the end of 2020.

Expecting another quarterly growth in 4Q20 but at a more

muted rate. As most of the order backlog has been fulfilled, we do not expect the repeat of 3Q20's 18.1% and 14.2% q-o-q growth in revenue and net profit respectively in 4Q20. Given that demand is still strong, we expect 4Q20 to register a third consecutive quarter of earnings growth, but at a more muted rate of 8% q-o-q, vs 16.4% in 2Q20 and 14.2% in 3Q20.

Beyond FY20, NPI is the key driver. New products/ services initiatives in 2021 is expected to drive FY21 higher. A number of these have been pushed back to FY21 due to the demand and supply disruption as a result of the COVID-19 pandemic. New products/ services engineered and developed in Venture's R&D labs are scheduled for release into end markets by its partners and customers in several technology domains. These include fast-growing domains and ecosystems such as Life Science & Genomics, Healthcare & Wellness, as well as COVID-19 related detection, testing, diagnostics products and solutions.

Demand for <u>Medical Devices & Equipment</u>, <u>Networking &</u> <u>Communications</u> and <u>Semiconductor-related Modules &</u> <u>Equipment</u> remains strong.

Earnings & Recommendation

Cut FY20F/FY21F earnings by 8%/6%; maintain BUY. Given that most of the order backlog has been fulfilled and the expectation of a more muted 4Q20, we have trimmed our FY20F/FY21F earnings by 8%/6%. Overall, we are still expecting a stronger 2H20, contributing 56% to our FY20F earnings projection. Beyond FY20F, demand momentum is expected to remain strong. Besides new product initiatives,



other key growth areas for Venture include Life Science, Medical Devices & Equipment, Networking & Communications and Semiconductor-related Equipment domains. In the longer term, the diversity of Venture's capabilities and technical skills and expertise will continue to drive the group to greater heights. Maintain BUY.

Raised TP to S\$24.30, pegged to higher PE of 20.3x on

continuing sector re-rating. On the back of strong demand momentum and that the worst is already behind us, assuming COVID-19 induced lockdowns and disruptions do not deteriorate further, we have raised our TP valuation target to 20.3x (previous 16.3x), which is +2SD of its average forward PE on FY21 earnings. This works out to a TP of \$\$24.30.

Company Background

Venture is a global provider of technology products and solutions. It is best known for its superior capabilities in Original Design Manufacturing (ODM) and providing highmix, high-value and complex manufacturing.

Historical PE and PB band





PB band (x) (x) 3.9 3.4 -2sd: 3.06x 2.9 +1sd: 2.57x 2.4 vg: 2.07x 1.9 Lsd: 1.58x 1.4 -2sd: 1.09x 0.9 Nov-16 Nov-17 Nov-18 Nov-19

Source: Bloomberg Finance L.P., DBS Bank estimates



Key Assumptions

FY Dec	2018A	2019A	2020F	2021F	2022F
Net margin (%)	10.6	9.99	9.70	10.1	10.2
% of SGA (%)	15.2	13.7	15.6	15.2	15.1
Segmental Breakdown					
FY Dec	2018A	2019A	2020F	2021F	2022F
Revenues (S\$m)					
Advanced Manufacturing & Design Solutions (AMDS)	2,600	2,775	2,359	2,642	2,801
Technology Products & Design Solutions (TPS)	885	858	704	788	827
Total	3.485	3,633	3,063	3,430	3,628

Income Statement (S\$m)

FY Dec	2018A	2019A	2020F	2021F	2022F
Revenue	3,485	3,633	3,063	3,430	3,628
Cost of Goods Sold	(2,531)	(2,727)	(2,245)	(2,511)	(2,656)
Gross Profit	954	907	818	919	972
Other Opng (Exp)/Inc	(529)	(497)	(477)	(521)	(547)
Operating Profit	425	410	341	399	425
Other Non Opg (Exp)/Inc	9.21	11.0	5.00	5.00	5.00
Associates & JV Inc	(0.1)	0.04	0.04	0.04	0.04
Net Interest (Exp)/Inc	(1.0)	(0.5)	0.0	0.0	0.0
Exceptional Gain/(Loss)	0.0	0.0	0.0	0.0	0.0
Pre-tax Profit	433	420	347	405	431
Тах	(62.9)	(56.6)	(48.4)	(56.5)	(60.2)
Minority Interest	0.0	(0.3)	(0.3)	(0.3)	(0.3)
Preference Dividend	0.0	0.0	0.0	0.0	0.0
Net Profit	370	363	297	347	370
Net Profit before Except.	370	363	297	347	370
EBITDA	465	459	383	441	468
Growth					
Revenue Gth (%)	(13.0)	4.3	(15.7)	12.0	5.8
EBITDA Gth (%)	(3.2)	(1.2)	(16.6)	15.1	6.0
Opg Profit Gth (%)	(0.7)	(3.6)	(16.8)	17.0	6.7
Net Profit Gth (Pre-ex) (%)	2.4	(1.9)	(18.2)	16.8	6.6
Margins & Ratio					
Gross Margins (%)	27.4	25.0	26.7	26.8	26.8
Opg Profit Margin (%)	12.2	11.3	11.1	11.6	11.7
Net Profit Margin (%)	10.6	10.0	9.7	10.1	10.2
ROAE (%)	16.4	15.0	11.7	13.0	13.1
ROA (%)	11.7	11.2	9.1	10.3	10.4
ROCE (%)	15.9	14.5	11.4	12.8	12.9
Div Payout Ratio (%)	54.7	55.8	68.3	58.5	54.8
Net Interest Cover (x)	432.6	783.0	NM	NM	NM

Source: Company, DBS Bank

Interim Income Statement (S\$m)

Interim Income Statement	(S\$m)				
FY Dec	1H2018	2H2018	1H2019	2H2019	1H2020
Revenue	1.808	1.676	1.832	1.801	1.366
Cost of Goods Sold	(1.313)	(1.218)	(1.380)	(1.347)	(1.002)
Gross Profit	495	459	452	454	363
Other Oper. (Exp)/Inc	(285)	(244)	(234)	(237)	(216)
Operating Profit	210	228	207	203	147
Other Non Opg (Exp)/Inc	3.97	5.24	5.15	5.86	3.89
Associates & JV Inc	0.0	0.0	0.04	0.0	0.0
Net Interest (Exp)/Inc Exceptional Gain/(Loss)	(0.5) 0.0	(14.1) 0.0	(0.2) 0.0	(0.3) 0.0	(0.3) <u>0.0</u>
Pre-tax Profit	214	219	212	208	151
Tax	(32.2)	(30.7)	(29.9)	(26.8)	(20.5)
Minority Interest	0.0	0.0	(0.1)	(0.2)	(0.1)
Net Profit	182	188	182	181	131
Net profit bef Except.	182	188	182	181	131
EBITDA	232	251	232	232	164
Growth					
Revenue Gth (%)	(15.8)	(7.3)	9.3	(1.7)	(24.2)
EBITDA Gth (%)	(27.4)	8.3	(7.7)	0.1	(29.1)
Opa Profit Gth (%)	(29.3)	8.4	(9.4)	(1.8)	(27.3)
Net Profit Gth (%)	(28.6)	3.7	(3.6)	(0.1)	(28.1)
Margins Gross Margins (%)	27.4	27.4	24.7	25.2	26.6
Opg Profit Margins (%)	11.6	13.6	24.7 11.3	11.3	10.8
Net Profit Margins (%)	10.0	11.2	9.9	10.1	9.6
			5.5		5.0
Balance Sheet (S\$m)					
FY Dec	2018A	2019A	2020F	2021F	2022F
Net Fixed Assets	231	232	245	259	273
Invts in Associates & JVs	0.73	0.76	0.80	0.83	0.87
Other LT Assets	667	696	696	696	696
Cash & ST Invts	713	714	867	804	886
Inventory	808	706	595	667	705
Debtors	736	899	851		1,067
				1,009	
Other Current Assets	49.2	25.8	25.8	25.8	25.8
Total Assets	3,205	3,274	3,281	3,462	3,654
ST Debt	1.80	1.06	1.06	1.06	1.06
Creditor	529		403	440	465
		490			
Other Current Liab	320	264	264	264	264
LT Debt	0.0	0.0	0.0	0.0	0.0
Other LT Liabilities	2.06	20.4	20.4	20.4	20.4
Shareholder's Equity	2,350	2,496	2,590	2,735	2,902
Minority Interests	2.23	2.40	2.40	2.40	2.40
Total Cap. & Liab.	3,205	3,274	3,281	3,462	3,654
Non Cash Wike Casital	745	770	00F	000	1,069
Non-Cash Wkg. Capital	745	877	805	998	,
Net Cash/(Debt)	711	713	866	803	885
Debtors Turn (avg days)	78.6	82.1	104.3	98.9	104.4
Creditors Turn (avg days)	81.8	69.2	73.8	62.2	63.0
Inventory Turn (avg days)	110.1	102.8	107.5	93.1	95.6
Asset Turnover (x)	1.1	1.1	0.9	1.0	1.0
Current Ratio (x)	2.7	3.1	3.5	3.6	3.7
Quick Ratio (x)	1.7	2.1	2.6	2.6	2.7
Net Debt/Equity (X)	CASH	CASH	CASH	CASH	CASH
Net Debt/Equity ex MI (X)	CASH	CASH	CASH	CASH	CASH
Capex to Debt (%)	3,261.4	3,281.9	4,725.9	4,725.9	4,725.9
Z-Score (X)	6.7	7.2	7.3	7.3	7.3

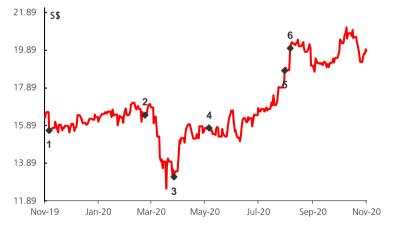
Source: Company, DBS Bank

Cash Flow Statement (S\$m)

FY Dec	2018A	2019A	2020F	2021F	2022F
Pre-Tax Profit	433	420	346	404	430
Dep. & Amort.	30.7	38.7	36.3	36.3	36.3
Tax Paid	(56.3)	(61.5)	(48.4)	(56.5)	(60.2)
Assoc. & JV Inc/(loss)	0.06	0.0	0.0	0.0	0.0
Chg in Wkg.Cap.	(147)	(157)	71.8	(193)	(71.3)
Other Operating CF	(5.9)	(10.7)	0.0	0.0	0.0
Net Operating CF	254	230	405	191	335
Capital Exp.(net)	(58.6)	(34.7)	(50.0)	(50.0)	(50.0)
Other Invts.(net)	1.31	(1.4)	(0.3)	(0.3)	(0.3)
Invts in Assoc. & JV	0.0	0.0	0.0	0.0	0.0
Div from Assoc & JV	0.03	0.0	0.0	0.0	0.0
Other Investing CF	8.74	11.4	0.0	0.0	0.0
Net Investing CF	(48.6)	(24.7)	(50.3)	(50.3)	(50.3)
Div Paid	(230)	(202)	(203)	(203)	(203)
Chg in Gross Debt	11.3	(0.7)	0.0	0.0	0.0
Capital Issues	(18.1)	5.52	0.0	0.0	0.0
Other Financing CF	0.0	(8.1)	0.0	0.0	0.0
Net Financing CF	(237)	(205)	(203)	(203)	(203)
Currency Adjustments	(8.6)	1.67	0.0	0.0	0.0
Chg in Cash	(39.6)	1.64	152	(62.4)	81.9
Opg CFPS (S cts)	139	133	115	132	140
Free CFPS (S cts)	67.7	67.3	123	48.5	98.4

Source: Company, DBS Bank

Target Price & Ratings History



Note : Share price and Target price are adjusted for corporate actions.

Source: DBS Bank Analyst: Lee Keng LING

DBS
Live more, Bank less

S.No.	Date of Report	Closing Price	12-mth Target Price	Rating
1:	11 Nov 19	15.63	17.20	HOLD
2:	28 Feb 20	16.45	18.50	BUY
3:	01 Apr 20	13.15	15.80	BUY
4:	11 May 20	15.75	15.90	HOLD
5:	05 Aug 20	18.80	20.70	BUY
6:	11 Aug 20	20.00	20.70	BUY



DBS Bank recommendations are based on an Absolute Total Return* Rating system, defined as follows:

STRONG BUY (>20% total return over the next 3 months, with identifiable share price catalysts within this time frame)

BUY (>15% total return over the next 12 months for small caps, >10% for large caps)

HOLD (-10% to +15% total return over the next 12 months for small caps, -10% to +10% for large caps)

FULLY VALUED (negative total return, i.e., > -10% over the next 12 months)

SELL (negative total return of > -20% over the next 3 months, with identifiable share price catalysts within this time frame)

*Share price appreciation + dividends

Completed Date: 7 Nov 2020 20:30:14 (SGT) Dissemination Date: 9 Nov 2020 07:14:13 (SGT)

Sources for all charts and tables are DBS Bank unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER

This report is prepared by DBS Bank Ltd. This report is solely intended for the clients of DBS Bank Ltd, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS Bank Ltd.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "**DBS Group**") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document. This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group, may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies.

Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice, its accuracy is not guaranteed, it may be incomplete or condensed, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report.

This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments were based with the aforeside herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforeside entities), that:

- (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments or their underlying assumptions will be achieved, and
- (b) there is any assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments stated therein.



Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

DBSVUSA, a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.

ANALYST CERTIFICATION

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible for the content of this research report, in part or in whole, certifies that he or his associate¹ does not serve as an officer of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant) and the research analyst(s) primarily responsible for the content of this research report or a new listing applicant that the analyst reviews. DBS Group has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the DBS Group and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of DBS Group's compensation to any specific investment banking function of the DBS Group.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES

- 1. DBS Bank Ltd, DBS HK, DBS Vickers Securities (Singapore) Pte Ltd (''DBSVS'') or their subsidiaries and/or other affiliates have a proprietary position in Venture Corporation recommended in this report as of 30 Sep 2020.
- 2. Neither DBS Bank Ltd nor DBS HK market makes in equity securities of the issuer(s) or company(ies) mentioned in this Research Report.

Compensation for investment banking services:

3. DBSVUSA does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

Disclosure of previous investment recommendation produced:

4. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd (''DBSVS''), their subsidiaries and/or other affiliates may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte Ltd (''DBSVS''), their subsidiaries and/or other affiliates in the preceding 12 months.

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interests that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.



RESTRICTIONS ON DISTRIBUTION

General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident o
	or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is being distributed in Australia by DBS Bank Ltd, DBSVS or DBSV HK. DBS Bank Ltd holds Australian Financia Services Licence no. 475946.
	DBSVS and DBSV HK are exempted from the requirement to hold an Australian Financial Services Licence under the Corporation Act 2001 ("CA") in respect of financial services provided to the recipients. Both DBS Bank Ltd and DBSVS are regulated by the Monetary Authority of Singapore under the laws of Singapore, and DBSV HK is regulated by the Hong Kong Securities and Futures Commission under the laws of Hong Kong, which differ from Australian laws.
	Distribution of this report is intended only for "wholesale investors" within the meaning of the CA.
Hong Kong	This report has been prepared by a person(s) who is not licensed by the Hong Kong Securities and Futures Commission to carry on the regulated activity of advising on securities in Hong Kong pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong). This report is being distributed in Hong Kong and is attributable to DBS Bank (Hong Kong) Limited, a registered institution registered with the Hong Kong Securities and Futures Commission to carry on the regulated activity of advising on securities pursuant to the Securities and Futures (Chapter 571 of the Laws of Hong Kong). DBS Bank Ltd., Hong Kong Branch is a limited liability company incorporated in Singapore.
	For any query regarding the materials herein, please contact Carol Wu (Reg No. AH8283) at dbsvhk@dbs.com
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is distributed in Malaysia by AllianceDBS Research Sdn Bhd ("ADBSR"). Recipients of this report, received from ADBSR are to contact the undersigned at 603-2604 3333 in respect of any matters arising from or in connection with this report. In addition to the General Disclosure/Disclaimer found at the preceding page, recipients of this report are advised that ADBSR (the preparer of this report), its holding company Alliance Investment Bank Berhad, their respective connected and associated corporations, affiliates, their directors, officers, employees, agents and parties related or associated with any of them may have positions in, and may effect transactions in the securities mentioned herein and may also perform or seek to perform broking, investment banking/corporate advisory and other services for the subject companies. They may also have received compensation and/or seek to obtain compensation for broking, investment banking/corporate advisory and other services from the subject companies.
	لاصح ا Wong Ming Tek, Executive Director, ADBSI
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 196800306E) or DBSVS (Company Regn No. 198600294G), both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, DBS Bank Ltd accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.



United Kingdom	This report is produced by DBS Bank Ltd which is regulated by the Monetary Authority of Singapore.
	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.
	In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608 - 610, 6 th Floor, Gate Precinct Building 5, PO Box 506538, DIFC, Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	This report was prepared by DBS Bank Ltd. DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

DBS Regional Research Offices

HONG KONG DBS (Hong Kong) Ltd

Contact: Carol Wu 13th Floor One Island East, 18 Westlands Road, Quarry Bay, Hong Kong Tel: 852 3668 4181 Fax: 852 2521 1812 e-mail: dbsvhk@dbs.com

THAILAND

DBS Vickers Securities (Thailand) Co Ltd

Contact: Chanpen Sirithanarattanakul 989 Siam Piwat Tower Building, 9th, 14th-15th Floor Rama 1 Road, Pathumwan, Bangkok Thailand 10330 Tel. 66 2 857 7831 Fax: 66 2 658 1269 e-mail: research@th.dbs.com Company Regn. No 0105539127012 Securities and Exchange Commission, Thailand

MALAYSIA

AllianceDBS Research Sdn Bhd Contact: Wong Ming Tek 19th Floor, Menara Multi-Purpose, Capital Square, 8 Jalan Munshi Abdullah 50100 Kuala Lumpur, Malaysia. Tel.: 603 2604 3333 Fax: 603 2604 3921 e-mail: general@alliancedbs.com Co. Regn No. 198401015984 (128540-U)

INDONESIA

PT DBS Vickers Sekuritas (Indonesia)

Contact: Maynard Priajaya Arif DBS Bank Tower Ciputra World 1, 32/F Jl. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel: 62 21 3003 4900 Fax: 6221 3003 4943 e-mail: indonesiaresearch@dbs.com

SINGAPORE

DBS Bank Ltd Contact: Janice Chua 12 Marina Boulevard, Marina Bay Financial Centre Tower 3 Singapore 018982 Tel: 65 6878 8888 e-mail: groupresearch@dbs.com Company Regn. No. 196800306E

