Deutsche Bank Research



Asia China

Technology Software & Services

Company Ctrip

Reuters Bloomberg CTRP.OQ CTRP US Exchange Ticker NSM CTRP



Date 20 September 2018

Company Update

Price at 19 Sep 2018 (USD)	38.73
Price target - 12mth (USD)	48.00
52-week range (USD)	56.23 - 36.85
NASDAQ 100	7,490

dbAccess China internet tour 2018 highlights

Macro impacts on industry growth

We have invited Ctrip to present on our dbAccess China internet tour. The company highlighted the macroeconomic and currency risks to industry growth and its higher growth than industry despite the risks. Ctrip expects its domestic travel volumes to grow at 1-2 times the industry growth rate (5-10% YoY), and outbound travel to grow at 2-3 times the industry growth rate (10-30%) this year. We, however, are cautious on Ctrip given the near-term industry risks: the likely escalating trade war and further RMB depreciation in 2019.

The company regards international travel as a long-term driver for revenue growth and margin expansion, and claims a more aggressive take rate policy at low end hotels than Meituan to gain the market share. We expect the margin risks on lowend hotels to be largely offset by international business this year. We expect a 23% revenue growth rate and 19% adjusted operating margin for 4Q18.

Maintains RMB1.2trn GMV target in 2020

Ctrip aims to leverage its investment in the supply chain to offer more comprehensive product choices, competitive price, and quality service to achieve faster growth than the industry average. It has a sourcing team of 5,000+ people globally, and aims to work with local hotels and agencies to expand the hotel supply. The company sees a lot of the transactions in domestic tier 2 and below cities on travel products still happening with service in person, and therefore is trying to utilize offline resources (7,000 physical stores in 200 cities) to explore the market. We believe Ctrip's expansion strategy in lower tier cities is selected with a focus on groups of consumers with average GDP per capital of USD 4,000-5,000, which is much higher than Meituan. We believe the comprehensive products and services quality should underpin Ctrip's leadership in high-end market and international travel, while we feel cautious about investments in low-end markets in the next few years.

China Internet debrief call on 24 Sept, 11am ET/11pm HKT

We plan to host a debrief call on 24 Sept after Alibaba and Ant Financial's events alongside with our company visit and (merchant) channel checks through Shanghai, Hangzhou and Beijing. Key dial-in details are below, or contact us for local dial in numbers: 800-309-8606 (US); 020-3107-0289 (UK); 800-8700-169 (China); 3011-4522 (Hong Kong); 6622-1010 (Singapore). Conference ID: 1186455.

Valuation & Risks

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Price/price relative



Performance (%)	1m 3m 12m
Absolute	0.7 -22.4 -27.0
NASDAQ 100	1.5 3.6 25.0
Source: Doutsche Bank	

Key indicators (FY1)	
ROE (%)	5.2
Net debt/equity (%)	-2.9
Book value/share (CNY)	144.11
Price/book (x)	1.8
Net interest cover (x)	42.5
Operating profit margin (%)	11.7
Source: Deutsche Bank	

Distributed on: 20/09/2018 05:03:08 GMT

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1

Model updated: 06 September 2018	
Running the numbers	
Asia	
China	
Software & Services	

Ctrip

Reuters: CTRP.OQ Bloomberg: CTRP US

Hold	
Price (19 Sep 18)	USD 38.73
Target Price	USD 48.00
52 Week range	USD 36.85 - 56.23
Market cap (m)	USDm 20,505

Company Profile

Ctrip has been a dominate player in the OTA segment, fueled by the expanding investment basket including Qunar/eLong/ Skyscanner etc. Ctrip's business lines include transportation ticketing, accommodation, packaged tour, corporate travel and other travel-related services. The company listed in 2003, and completed the major merger with Qunar in late 2015.

EURm 17,531









Eileen Deng

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	2015	2016	2017	2018E	2019E	2020E
Financial Summary						
DB EPS (CNY)	9.19	4.30	6.88	8.50	11.98	16.18
Reported EPS (CNY)	7.32	-2.89	3.72	7.19	8.24	11.63
DPS (CNY)	0.00	0.00	0.00	0.00	0.00	0.00
BVPS (CNY)	130.0	144.6	145.9	144.1	152.5	167.7
Weighted average shares (m)	302	473	529	550	558	563
Average market cap (CNYm) Enterprise value (CNYm)	66,415 56,148	136,507 145,534	179,770 176,517	140,531 135,463	140,531 131,215	140,531 126,355
V-linetine Martine						
Valuation Metrics	00.0	07.0	40.4	24.0	00.4	40.4
P/E (DB) (x)	23.9	67.0	49.4	31.2	22.1 32.2	16.4
P/E (Reported) (x) P/BV (x)	30.1 2.24	nm 1.84	91.3 2.04	36.9 1.84	32.2 1.74	22.8 1.58
• •						
FCF Yield (%) Dividend Yield (%)	3.6 0.0	3.4 0.0	3.7 0.0	4.7 0.0	7.3 0.0	9.0 0.0
EV/Sales (x)	5.2	7.6	6.6	4.4	3.3	2.6
EV/EBITDA (x)	88.1	nm	51.4	32.2	19.5	13.6
EV/EBIT (x)	147.4	nm	60.0	37.5	21.7	14.8
Income Statement (CNYm)						
Sales revenue	10,898	19,228	26,796	30,960	39,321	48,229
Gross profit	7,854	14,499	22,118	24,948	31,982	39,505
EBITDA	637	-1,107	3,433	4,210	6,731	9,308
Depreciation	256	461	490	602	688	759
Amortisation EBIT	0	4.560	0	2 600	0 6.043	0.540
Net interest income(expense)	381 143	-1,568 -165	2,943 -299	3,608 -85	244	8,549 499
Associates/affiliates	-136	602	-65	-580	-275	-96
Exceptionals/extraordinaries	0	0	0	0	0	(
Other pre-tax income/(expense)	2,481	-27	879	2,853	1,578	1,629
Profit before tax	3,005	-1,760	3,523	6,376	7,865	10,677
Income tax expense	470	478	1,281	1,186	2,115	2,805
Minorities	-108	-206	19	35	79	107
Other post-tax income/(expense)	0	0	0	0 4 575	0 5 206	7.000
Net profit	2,508	-1,431	2,159	4,575	5,396	7,669
DB adjustments (including dilution) DB Net profit	643 3,150	3,560 2,129	1,834 3,992	838 5,413	2,451 7,847	3,006 10,675
•						
Cash Flow (CNYm)	0.040	5.070	7.000	7.500		44.400
Cash flow from operations	3,049 -638	5,273 -683	7,069 -471	7,532 -681	11,574 -747	14,189 -772
Net Capex Free cash flow	2,411	4,590	6,598	6,851	10,827	13,417
Equity raised/(bought back)	-147	0	0,550	0,031	0	13,417
Dividends paid	0	0	Ō	Ō	0	Ċ
Net inc/(dec) in borrowings	15,433	11,287	9,070	1,461	1,534	1,611
Other investing/financing cash flows	-3,788	-19,143	-14,761	-8,000	-10,400	-13,520
Net cash flow Change in working capital	0 1,697	0 3,420	0 2,131	0 -546	0 2,306	2,189
Onlings in working supital	1,001	0,120	2,101	040	2,000	2,100
Balance Sheet (CNYm)						
Cash and other liquid assets	27,451	32,548	46,373	49,685	55,546	62,124
Tangible fixed assets	5,556 56,698	5,592 69,940	5,616 70,093	5,309 70,093	4,989 70,093	4,639 70,093
Coodwill/intensible cooote		09,940			37,074	45,524
Goodwill/intangible assets		20 632		30 574		
Associates/investments	13,973	20,632 15,702	25,574	30,574 16 416		
S .	13,973 15,164	15,702	25,574 14,393	16,416	18,884	21,096
Associates/investments Other assets	13,973		25,574			21,096 203,475
Associates/investments Other assets Total assets	13,973 15,164 118,843	15,702 144,414	25,574 14,393 162,048	16,416 172,077	18,884 186,585	21,096 203,475 50,142
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities	13,973 15,164 118,843 31,157 24,001 55,158	15,702 144,414 41,538 27,355 68,893	25,574 14,393 162,048 45,537 30,039 75,575	16,416 172,077 46,998 31,516 78,514	18,884 186,585 48,532 36,290 84,821	21,096 203,475 50,142 40,691 90,833
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity	13,973 15,164 118,843 31,157 24,001 55,158 44,551	15,702 144,414 41,538 27,355 68,893 71,537	25,574 14,393 162,048 45,537 30,039 75,575 84,694	16,416 172,077 46,998 31,516 78,514 91,749	18,884 186,585 48,532 36,290 84,821 99,871	21,096 203,475 50,142 40,691 90,833 110,642
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134	15,702 144,414 41,538 27,355 68,893 71,537 3,984	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779	16,416 172,077 46,998 31,516 78,514 91,749 1,814	18,884 186,585 48,532 36,290 84,821 99,871 1,893	21,096 203,475 50,142 40,691 90,833 110,642 2,000
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity	13,973 15,164 118,843 31,157 24,001 55,158 44,551	15,702 144,414 41,538 27,355 68,893 71,537	25,574 14,393 162,048 45,537 30,039 75,575 84,694	16,416 172,077 46,998 31,516 78,514 91,749	18,884 186,585 48,532 36,290 84,821 99,871	21,096 203,475 50,142 40,69 90,833 110,642 2,000 112,642
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Net debt	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764	21,096 203,475 50,142 40,69 90,833 110,642 2,000 112,642
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Net debt Key Company Metrics	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014	21,096 203,475 50,142 40,691 90,833 110,642 2,000 112,642 -11,981
Associates/investments Other assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Met debt Key Company Metrics Sales growth (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014	21,096 203,475 50,142 40,691 90,833 110,642 2,000 112,642 -11,981
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Met debt Key Company Metrics Sales growth (%) DB EPS growth (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014	21,096 203,476 50,142 40,697 90,833 110,642 2,000 112,642 -11,987
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Net debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014 27.0 41.0 17.1	21,096 203,475 50,144 40,69° 90,833 110,644 2,000 112,642 -11,98° 22.7 35.0 19.3
Associates/investments Other assets Interest bearing debt Other liabilities Total lassets Interest bearing debt Other liabilities Shareholders' equity Minorities Total shareholders' equity Met debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%) EBIT Margin (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8 -8.2	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687 15.5 23.6 13.6 11.7	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014 27.0 41.0 17.1 15.4	21,096 203,475 50,142 40,699 90,833 110,642 2,000 112,642 -11,983
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Met debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%) EBIT Margin (%) Payout ratio (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705 48.3 282.3 5.8 3.5	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8 -8.2 nm	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836 39,4 59,7 12,8 11,0 0.0	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687 15.5 23.6 13.6 11.7 0.0	18,884 186,585 48,532 36,290 84,821 9,871 1,893 101,764 -7,014 27.0 41.0 17.1 15.4 0.0	21,096 203,475 50,142 40,699 90,833 110,642 2,000 112,644 -11,987 22.7 35.0 19.3 17.7
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Met debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%) EBIT Margin (%) Payout ratio (%) ROE (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705 48.3 282.3 5.8 3.5 0.0	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8 -8.2 nm -2.5	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836 39,4 59,7 12,8 11,0 0,0 2,8	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687 15.5 23.6 13.6 11.7 0.0 5.2	18,884 186,585 48,532 36,290 84,821 9,871 1,893 101,764 -7,014 27.0 41.0 17.1 15.4 0.0 5.6	21,096 203,475 50,142 40,699 90,833 110,642 2,000 112,642 -11,98° 22.7 35.0 19.3 17.7 0.0
Associates/investments Other assets Total assets Interest bearing debt Other liabilities Total liabilities Shareholders' equity Minorities Total shareholders' equity Net debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705 48.3 282.3 5.8 3.5	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8 -8.2 nm	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836 39,4 59,7 12,8 11,0 0.0	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687 15.5 23.6 13.6 11.7 0.0	18,884 186,585 48,532 36,290 84,821 9,871 1,893 101,764 -7,014 27.0 41.0 17.1 15.4 0.0	21,096 203,475 50,144 40,691 90,833 110,642 -2,000 112,642 -11,981 22.7 35,0 19,3 17,7 0.0
Associates/investments Other assets Interest bearing debt Other liabilities Total lassets Interest bearing debt Other liabilities Shareholders' equity Minorities Total shareholders' equity Net debt Key Company Metrics Sales growth (%) DB EPS growth (%) EBITDA Margin (%) EBITDA Margin (%) Payout ratio (%) ROE (%) Capex/Sales (%)	13,973 15,164 118,843 31,157 24,001 55,158 44,551 19,134 63,685 3,705 48.3 282.3 5.8 3.5 0.0 9.3 5.9	15,702 144,414 41,538 27,355 68,893 71,537 3,984 75,521 8,990 76.4 -53.2 -5.8 -8.2 nm -2.5 3.6	25,574 14,393 162,048 45,537 30,039 75,575 84,694 1,779 86,473 -836 39,4 59,7 12,8 11,0 0.0 2.8 1.8	16,416 172,077 46,998 31,516 78,514 91,749 1,814 93,563 -2,687 15.5 23.6 11.7 0.0 5.2 2.2	18,884 186,585 48,532 36,290 84,821 99,871 1,893 101,764 -7,014 27.0 41.0 17.1 15.4 0.0 5.6 1.9	21,096 203,475 50,142 40,699 90,833 110,642 -11,981 22.7 35.0 19.3 17.7 0.0 7.3 1.0 60,07

Appendix 1

Important Disclosures

*Other information available upon request

Disclosure checklist			
Company	Ticker	Recent price*	Disclosure
Ctrin	CTRPOO	38 73 /LISD) 19 San 2018	2.8

^{*}Prices are current as of the end of the previous trading session unless otherwise indicated and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Other information is sourced from Deutsche Bank, subject companies, and other sources. For disclosures pertaining to recommendations or estimates made on securities other than the primary subject of this research, please see the most recently published company report or visit our global disclosure look-up page on our website at https://research.db.com//esearch/Disclosures/CompanySearch. Aside from within this report, important risk and conflict disclosures can also be found at https://research.db.com/Research/Topics/Equities? topicId=RB0002. Investors are strongly encouraged to review this information before investing.

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The views expressed in this report accurately reflect the personal views of the undersigned lead analyst(s) about the subject issuer and the securities of the issuer. In addition, the undersigned lead analyst(s) has not and will not receive any compensation for providing a specific recommendation or view in this report. Eileen Deng

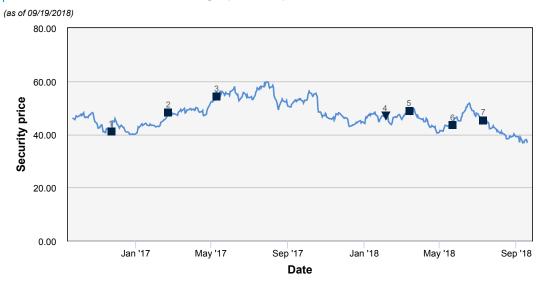
Deutsche Bank AG/Hong Kong

20 September 2018

Software & Services

Ctrip

Historical recommendations and target price. Ctrip (CTRP.OQ)



Current Recommendations

Buy Hold Sell

Not Rated Suspended Rating

** Analyst is no longer at Deutsche Bank

- 11/24/2016 1.
- Buy, Target Price Change USD 58.00 Alvin Jiang** Buy, Target Price Change USD 60.00 Alvin Jiang**
- 2. 02/23/2017 3. 05/11/2017
- Buy, Target Price Change USD 62.00 Alvin Jiang**
- 02/05/2018
- Downgraded to Hold, Target Price Change USD 50.00 Eileen Dena
- 03/15/2018
- Hold, Target Price Change USD 48.00 Eileen Deng
- 05/23/2018 6.
- Hold, Target Price Change USD 49.00 Eileen Deng
- 07/11/2018
- Hold, Target Price Change USD 48.00 Eileen Deng

Equity Rating Key

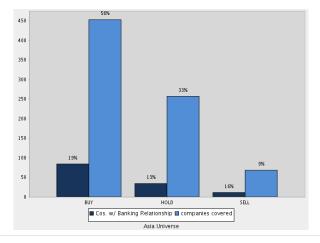
Buy: Based on a current 12- month view of total share-holder return (TSR = percentage change in share price from current price to projected target price plus pro-jected dividend yield), we recommend that investors buy the stock.

Sell: Based on a current 12-month view of total share-holder return, we recommend that investors sell the stock.

Hold: We take a neutral view on the stock 12-months out and, based on this time horizon, do not recommend either a Buy or Sell.

Newly issued research recommendations and target prices supersede previously published research.

Equity rating dispersion and banking relationships



Software & Services Ctrip



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20 September 2018 Software & Services Ctrip



Macroeconomic fluctuations often account for most of the risks associated with exposures to instruments that promise to pay fixed or variable interest rates. For an investor who is long fixed-rate instruments (thus receiving these cash flows), increases in interest rates naturally lift the discount factors applied to the expected cash flows and thus cause a loss. The longer the maturity of a certain cash flow and the higher the move in the discount factor, the higher will be the loss. Upside surprises in inflation, fiscal funding needs, and FX depreciation rates are among the most common adverse macroeconomic shocks to receivers. But counterparty exposure, issuer creditworthiness, client segmentation, regulation (including changes in assets holding limits for different types of investors), changes in tax policies, currency convertibility (which may constrain currency conversion, repatriation of profits and/or liquidation of positions), and settlement issues related to local clearing houses are also important risk factors. The sensitivity of fixedincome instruments to macroeconomic shocks may be mitigated by indexing the contracted cash flows to inflation, to FX depreciation, or to specified interest rates - these are common in emerging markets. The index fixings may - by construction - lag or mis-measure the actual move in the underlying variables they are intended to track. The choice of the proper fixing (or metric) is particularly important in swaps markets, where floating coupon rates (i.e., coupons indexed to a typically short-dated interest rate reference index) are exchanged for fixed coupons. Funding in a currency that differs from the currency in which coupons are denominated carries FX risk. Options on swaps (swaptions) the risks typical to options in addition to the risks related to rates movements.

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