Deutsche Bank Markets Research



Asia

China

Technology Hardware & Equipment Reuters 002241.SZ

Company

Goertek

Bloomberg 002241 CH Exchange Ticker 002241 SHZ

Acoustics continue to see spec upgrades

Largely on-track and fairly priced

Goertek released solid 2Q17 results (EPS up 52% YoY) and positive 3Q17 guidance (EPS up 12% to 49% YoY). Both are largely in line with Bloomberg consensus. The firm is positive on the 2018 outlook, backed by continued acoustic upgrades (stereo, waterproof upgrade) and VR headset organic growth. We share similar views on the strong top-line growth, but remain concerned that GPM could keep trending down (on a YoY basis), as lowmargin VR headsets could outgrow the component business. Retaining Hold rating.

Strong 2017 operating results, owing to better product mix Goertek reported 2017 EPS of RMB0.14 (+52% YoY; +40% QoQ) and operating profit of RMB622mn (+53% YoY, +50% QoQ) on sales of RMB5.5bn (+41% YoY, +22% QoQ). Operating profit beat DB estimate and consensus by 21%, owing to tight opex control and GPM expansion (up 0.6ppt QoQ to 22.4% vs. DBe 21.4%). Dragged down by forex loss, EPS only came in line with expectations. Goertek attributes strong GPM to better product mix (higher contribution from acoustics). Acoustic sales (speaker/receiver, MEMS microphone, earpod) grew 65% YoY, owing to spec upgrade (water-proofing, stereo sound, Lightning connector), and market share gain, as well as a low base in 2Q16 (the weak iPhone 6S cycle). The assembly business grew 35% YoY, mainly powered by VR headset assembly, despite legacy TV/game console peripheral assembly on a YoY declining trend.

The firm delivered a positive tone for 2H17 and 2018 outlook

Goertek expects 3Q17 net profit between RMB629m (+12% YoY) and RMB 836m (+49% YoY), driven by new iPhone launch, and organic demand growth for VR headsets. The guidance is largely in line with DBe and consensus. For 2018, Goertek highlights three key growth drivers: 1) the acoustic industry will post 25%+ YoY growth, mainly driven by Android vendors playing the catch-up game, on top of mild spec upgrades from iPhone, 2) new VR headset launches from key clients (Oculus and Sony). We believe Oculus is likely to launch a standalone device that can work independently (without being tethered to a PC), and 3) rising demand for smart speakers and wireless headphones.

Valuation and investment risks

We raise our 2017-19 EPS forecasts by 5% to 6%, and accordingly raise our TP from RMB18 (22x 2017 EPS) to RMB20.2 (22x one-year FW EPS). 22x PER represents 0.8x PEG, in line with regional peers. Upside/downside risks include market share gain/loss and ASP increase/decline.

Forecasts And Ratios					
Year End Dec 31	2015A	2016A	2017E	2018E	2019E
Sales (CNYm)	13,604	19,288	25,661	31,552	37,420
DB EPS FD(CNY)	0.41	0.54	0.78	1.03	1.23
DB EPS growth (%)	-24.5	32.0	43.5	32.5	19.7
ROE (%)	14.1	16.3	19.9	21.9	21.6
PER (x)	75.7	51.9	26.5	20.0	16.7
Source: Deutsche Bank estimates, company data					

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Date 18 August 2017

Forecast Change

Price at 17 Aug 2017 (CNY)	20.58
Price target - 12mth (CNY)	20.20
52-week range (CNY)	35.13 - 16.66
Shenzhen Index	1,997

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Key changes

18.00 to 20.20	î	12.2%
24,433 to 25,661	î	5.0%
11.5 to 11.9	1	3.1%
2,256.2 to 2,370.2	Î	5.1%
	24,433 to 25,661 11.5 to 11.9 2,256.2 to	24,433 to 25,661 † 11.5 to 11.9 † 2,256.2 to †

Price/price relative



Absolute Shenzhen Index 6.1 2.2 -6.6 Source: Deutsche Bank

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Running the numbers Financial Summary Asia DB EPS (CNY) China DB EPS (CNY) Hardware & Equipment DVPS (CNY) Goertek Weighted average shares (m) Reuters: 002241.SZ Bloomberg: 002241 CH	0.54 0.54 0.05 2.7 3,053 83,773	0.41 0.41 0.05 3.1	0.54 0.54 0.08 3.6	0.78 0.78 0.09	1.03 1.03 0.11	1.23 1.23
China Reported EPS (CNY) DPS (CNY) DPS (CNY) Hardware & Equipment BVPS (CNY) Goertek Average market cap (CNYm) Reuters: 002241.SZ Bloomberg: 002241 CH	0.54 0.05 2.7 3,053	0.41 0.05	0.54 0.08	0.78	1.03	1.23
China DPS (CNY) Hardware & Equipment BVPS (CNY) Goertek Weighted average shares (m) Reuters: 002241.SZ Bloomberg: 002241 CH Valuation Metrics	0.05 2.7 3,053	0.05	0.08			
Hardware & Equipment Goertek Reuters: 002241.SZ Bloomberg: 002241 CH Valuation Metrics	2.7 3,053			0.00		0.14
Goertek Reuters: 002241.SZ Bloomberg: 002241 CH Weighted average shares (m) Average market cap (CNYm) Enterprise value (CNYm) Valuation Metrics			5.0	4.2	5.2	6.3
Reuters: 002241.SZ Bloomberg: 002241 CH Enterprise value (CNYm) Valuation Metrics	83.773	3,053	3,053	3,053	3,053	3,053
Reuters: 002241.SZ Bloomberg: 002241 CH Valuation Metrics		94,696	85,713	62,828	62,828	62,828
	86,264	97,003	89,421	67,289	67,005	66,214
P/E (DB) (x)	50.5	75.7	51.9	26.5	20.0	16.7
Hold P/E (DB) (x) P/E (Reported) (x)	50.5	75.7	51.9	26.5	20.0	16.7
Price (17 Aug 17) CNY 20.58 P/BV (x)	8.97	11.23	7.47	4.85	3.99	3.29
Target Price CNY 20.20 FCF Yield (%)	nm	0.4	nm	nm	1.2	2.1
52 Week range CNY 16.66 - 35.13	0.2	0.2	0.3	0.4	0.5	0.7
Market Cap (m) CNYm 62,828 EV/Sales (x)	6.8 34.5	7.1 42.0	4.6 30.5	2.6 16.2	2.1 12.7	1.8 10.7
EV/EBIT (x)	41.8	59.5	43.7	22.1	17.1	14.4
USDm 9,421 Income Statement (CNYm)						
Company Profile Sales revenue	12,639	13,604	19,288	25,661	31,552	37,420
Established in 2001 and listed on Shenzhen stock Gross profit	3,865	4,025	5,206	6,978	8,609	10,109
exchange in 2008, Goertek is a leading consumer EBITDA electronics manufacturer engages in the production of Depreciation	2,504 376	2,308 552	2,933 722	4,156 943	5,265 1,184	6,179 1,400
acoustic component (MEMS microphone, speaker box, Amortisation	65	126	166	169	172	176
and receiver) and accessory product (Bluetooth headset, earpod) for applications of tablet, smartphone, game EBIT	2,063	1,631	2,045	3,043	3,909	4,604
console, hands free headphone, etc. By leveraging its	-162 -2	-229 0	-247 0	-302 0	-301 0	-272 0
establishes long-term partnership with world-class Exceptionals/extraordinaries	0	0	0	0	0	0
customers (Apple, Samsung, Sony, Google). Other pre-tax income/(expense) Profit before tax	108 2,006	90 1,491	107 1,905	25 2,766	45 3,653	47 4,378
Price Performance Income tax expense	321	250	296	415	548	4,378
Minorities	27	-11	-43	-19	-35	-36
40 36 Other post-tax income/(expense) Net profit	0 1,657	0 1,251	0 1,651	0 2,370	0 3,140	0 3,758
32 DP adjustmente (including dilution)	0	0	0	0	0	0
28 DB adjustments (including unduon) 24 DB Net profit	1,657	1,251	1,651	2,370	3,140	3,758
20 Cash Flow (CNYm)						
	423	2,464	2,016	2,727	3,448	4,298
Net Capex	-1,350	-2,044	-3,340	-3,006	-2,706	-2,976
Goertek — Shenzhen Index (Rebased) Free cash flow Equity raised/(bought back)	-927 0	419 0	-1,324 0	-279 0	743 0	1,322 0
Margin Trends Dividends paid	-153	-153	-229	-261	-345	-413
20 Net inc/(dec) in borrowings	3,198	16	803	731	-804	-724
18 Other investing/financing cash flows Net cash flow	-48 2,071	-312 -29	55 -695	-212 -21	-114 -521	-118 67
16 Change in working capital	-1,678	535	-523	-755	-1,048	-1,035
14 Balance Sheet (CNYm)						
12 Cash and other liquid assets	4,193	4,164	3,468	3,448	2,927	2,994
10 Tangible fixed assets 14 15 16 17E 18E 19E Goodwill/intrangible assets	6,150	7,437	9,530	11,593	13,115	14,691
EBITDA Margin EBIT Margin Associates/investments	0 0	0 130	0 139	0 139	0 139	0 139
Other assets	7,415	7,517	9,775	12,038	14,393	16,756
Growth & Profitability Total assets	17,758	19,248	22,912	27,217	30,573	34,580
50 25 Other liabilities	6,493 2,743	6,509 3,242	7,312 4,751	8,043 6,216	7,239 7,581	6,515 8,968
40 20 Total liabilities	9,236	9,751	12,064	14,259	14,820	15,483
30 15 Shareholders' equity Minorities	8,331 191	9,405 92	10,845 3	12,955 3	15,749 3	19,093 3
20 Total shareholders' equity	8,522	92 9,497	3 10,848	12,958	15,753	د 19,097
10 5 Net debt	2,300	2,345	3,844	4,596	4,312	3,521
0 14 15 16 17E 18E 19E Key Company Metrics						
Sales growth (%)	26.3	7.6	41.8	33.0	23.0	18.6
DB EPS growth (%)	26.8	-24.5	32.0	43.5	32.5	19.7
Solvency EBITDA Margin (%) EBIT Margin (%)	19.8 16.3	17.0 12.0	15.2 10.6	16.2 11.9	16.7 12.4	16.5 12.3
	9.2	12.2	13.9	11.0	11.0	11.0
40 20 Payout ratio (%)			16.0	19.9	21.9	21.6
30 15 ROE (%)	22.6	14.1	16.3			0 0
	22.6 10.7 3.1	14.1 15.0 3.0	17.3 3.8	11.7 2.7	8.6 2.0	
30 15 ROE (%) Capex/sales (%)	10.7	15.0	17.3	11.7	8.6	8.0 1.9 18.4 16.9

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16 17E 18E 19E Net debt/equity (LHS) - Net interest cover (RHS)

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Maintaining Hold rating with 12-month target price of RMB20.2

Figure 1: 2017 P&L snapshot

	2017	1017	ΩοΩ	2016	YoY	2Q17 DBe	% of diff	2Q17 Consensus	% of diff
Sales	5,479	4,495	21.9%	3,891	40.8%	5,269	4.0%	5,348	2.5%
Gross profits	1,229	979	25.5%	881	39.6%	1,125	9.2%	1,177	4.5%
Op. profits	622	415	49.7%	406	53.0%	514	21.0%	514	20.9%
Non-op	(110)	(71)	54.8%	(83)	33.2%	(40)	NM	(19)	NM
Pre-tax income	511	344	48.7%	323	58.1%	474	7.9%	495	3.3%
Net profit	420	299	40.3%	277	51.6%	412	1.8%	423	-0.7%
EPS (RMB)	0.14	0.10	40.3%	0.09	51.6%	0.14	1.8%	0.14	-0.7%
Margin analysis									
Gross margin	22.4%	21.8%		22.6%		21.4%		22.0%	
Operating margin	11.3%	9.2%		10.4%		9.8%		9.6%	
Net margin	7.7%	6.7%		7.1%		7.8%		7.9%	

Source: Deutsche Bank estimates, company data

Figure 2: Earnings revision 2016 2017E 2018E P/L Revision 2019E % of change (TWDm) 2017E 2018E Old Old New Old 2019E New New Net sales 19,288 24,433 25,661 28,674 31,552 31,224 37,420 5.0 10.0 19.8 4,319 5,497 6,611 7,368 8,533 6.7 9.7 15.8 Gross profits 5,866 7,253 2,688 Op. expenses 2,274 2,823 2,953 3,344 3,122 3,929 5.0 13.2 25.8 Op. profit 2,045 2,809 3,043 3,658 3,909 4,245 4,604 8.3 6.9 8.4 -177 -277 -128 -225 55.5 76.3 Non-op gain/loss -140 -164 -256 56.5 Pre-tax profits 1,905 2,632 2,766 3,493 3,653 4,118 4,378 5.1 4.6 6.3 1,651 2,256 2,370 3,004 3,140 3,536 3,758 Net profit 5.1 4.5 6.3 EPS (TWD) 0.5 0.7 0.8 1.0 1.0 1.2 1.2 5.1 4.5 6.3 Key ratio (%) Sale growth 41.8 26.7 33.0 17.4 23.0 8.9 18.6 22.4 22.5 22.9 23.1 23.0 23.6 22.8 Gross margin 10.6 12.8 12.4 13.6 12.3 Ope. Margin 11.5 11.9 Net margin 8.6 9.2 9.2 10.5 10.0 11.3 10.0 Source: Deutsche Bank estimates, company data

Figure 3: Quarterly P&L highlights

(RMB mn)	1017	2Q17	3Q17E	4Q17E	2017E	1Q18E	2Q18E	3Q18E	4Q18E	2018E
Sales	4,495	5,479	6,912	8,775	25,661	6,727	7,262	8,036	9,526	31,552
Gross profit	979	1,229	1,592	2,065	5,866	1,550	1,651	1,831	2,220	7,253
Operating profit	415	622	847	1,159	3,043	764	866	961	1,317	3,909
Non-operating item	-71	-110	-20	-75	-277	-64	-64	-64	-64	-256
Pre-tax income	344	511	827	1,084	2,766	700	802	897	1,254	3,653
Net profit	299	420	728	923	2,370	616	641	790	1,093	3,140
EPS (RMB)	0.10	0.14	0.24	0.30	0.78	0.20	0.21	0.26	0.36	1.03
Margin Analysis (%)										
Gross margin	21.8	22.4	23.0	23.5	22.9	23.0	22.7	22.8	23.3	23.0
Operating margin	9.2	11.3	12.3	13.2	11.9	11.4	11.9	12.0	13.8	12.4
Pre-tax margin	7.6	9.3	12.0	12.4	10.8	10.4	11.0	11.2	13.2	11.6
Tax rate	13.0	17.9	12.0	14.8	14.3	12.0	20.0	12.0	12.8	14.0
YoY growth (%)										
Sales	69.3	40.8	14.1	31.3	33.0	49.7	32.5	16.3	8.6	23.0
Gross profit	58.4	39.6	21.9	36.4	35.8	58.3	34.4	15.0	7.5	23.6
Operating profit	54.8	53.0	21.8	71.8	48.8	84.1	39.2	13.5	13.7	28.4
Pre-tax profit	47.6	58.1	23.8	59.3	45.2	103.7	56.8	8.5	15.7	32.1
Net profit	51.6	51.6	29.5	50.1	43.5	106.1	52.8	8.5	18.3	32.5
QoQ growth (%)										
Sales	-32.7	21.9	26.1	27.0		-23.3	8.0	10.7	18.5	
Gross profit	-35.3	25.5	29.6	29.7		-24.9	6.5	10.9	21.3	
Operating profit	-38.5	49.7	36.3	36.8		-34.1	13.2	11.1	37.0	
Pre-tax profit	-49.5	48.7	61.9	31.0		-35.4	14.5	12.0	39.7	
Net profit	-51.4	40.3	73.4	26.8		-33.2	4.0	23.1	38.4	
Sales breakdown										
Microphone (MEMS/ECM)	10.5%	10.6%	9.4%	8.5%	9.6%	9.3%	8.8%	8.7%	7.9%	8.6%
Receiver/speaker	12.7%	13.8%	13.8%	15.6%	14.2%	14.5%	13.6%	13.3%	12.3%	13.3%
Speaker box	24.0%	22.8%	22.7%	23.1%	23.1%	22.3%	21.5%	21.2%	19.4%	21.0%
Earpod	11.0%	8.8%	10.3%	11.0%	10.4%	9.3%	8.3%	8.6%	7.9%	8.5%
VR headset	29.5%	31.0%	31.4%	30.5%	30.7%	32.2%	36.8%	36.3%	41.0%	37.0%
Other ODM product	12.3%	13.1%	12.4%	11.3%	12.1%	12.5%	11.0%	11.9%	11.6%	11.7%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Source: Deutsche Bank estimates, company data

Appendix 1

Important Disclosures

*Other information available upon request

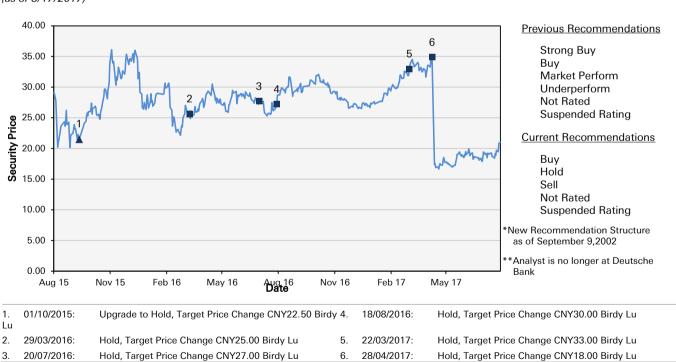
Disclosure checklist			
Company	Ticker	Recent price*	Disclosure
Goertek	002241.SZ	20.58 (CNY) 17 Aug 17	NA
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Historical recommendations and target price: Goertek (002241.SZ) (as of 8/17/2017)

Equity rating key

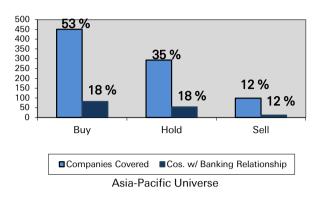
Buy: Based on a current 12- month view of total share-holder return (TSR = percentage change in share price from current price to projected target price plus pro-jected dividend yield), we recommend that investors buy the stock.

Sell: Based on a current 12-month view of total shareholder 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.

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