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# **Goertek (002241 CH)**

# Riding on TWS/VR boom; Upgrade to BUY

We upgrade Goertek to BUY (from Hold) as we turn more positive on its product pipeline of AirPods Pro/Studio and Oculus Quest/PSVR in FY20/21E, backed by TWS/wearables upcycle, capacity expansion and impressive yield improvement. We expect 2H20E/FY21E net profit to grow 118%/ 51% YoY, and our FY21/22E EPS are 19%/13% above consensus. Our new TP of RMB46 is based on 40x FY21E P/E, in-line with 1-sd above 5-yr average P/E, given 35% FY20-22E EPS CAGR, strong earnings visibility and improving ROE. Near-term catalysts include product launches of AirPods Studio, HomePod 2 and Oculus Quest2 in 2H20E.

- TWS: AirPods momentum, share gains and improving margin. We are positive on Goertek's leading market position and growth outlook of its AirPods/TWS segment. We estimate AirPods shipment will grow 45%/22% YoY to 94mn/115mn in FY20E/21E, and Goertek will gain share allocation from 20% in FY19 to 23%/37% in FY20/21E. In addition, we expect improving product mix and production yield to drive earnings upside in after new production lines of AirPods Pro commerce operations in 3Q20E.
- VR/AR: Oculus Quest and Sony PSVR to boost growth. Goertek is global pioneer in VR/AR industry since partnership with Oculus and Sony in 2014. We expect Goertek to start shipment of Oculus Quest series in 2H20E, and VR/AR segment will regain traction with 82%/40% YoY growth in FY20/21E, backed by new product cycle from Oculus Quest 2 and Sony PSVR 2. In addition, Goertek recently announced to raise RMB4bn convertible bond to expand capacity for 28.6mn TWS earphones, 3.5mn VR/AR products and 5mn AR/VR optical modules, which will help boost share gain and drive revenue growth in FY20-21E.
- Upgrade to BUY with new TP of RMB46. We revised up our FY20-22E EPS by 27-51%, mainly to reflect our more positive view on AirPods shipment/margin upside given strong consumer demand and cancellation of in-box earphones in iPhone 12 in 2H20E. Our FY21/22E EPS are 19%/13% above consensus, and our TP of RMB46 is based on 40x FY21E P/E, in-line 1-sd above its 5-yr average P/E, given 35% FY20-22E EPS CAGR, strong earnings visibility and improving ROE. Near-term catalysts include product launches of AirPod Studio, HomePod 2 and Oculus Quest2 in 2H20E.

### **Earnings Summary**

J. J					
(YE31Dec)	FY18	FY19	FY20E	FY21E	FY22E
Revenue (RMB mn)	23,751	35,148	50,443	76,661	93,097
YoY growth (%)	(7.0)	48.0	43.5	52.0	21.4
Net income (RMB mn)	868	1,281	2,454	3,731	4,466
EPS (RMB)	0.27	0.39	0.76	1.15	1.38
YoY growth (%)	(60.3)	46.2	91.7	52.0	19.7
Consensus EPS (RMB)	NA	NA	0.71	0.96	1.2
P/E (x)	144.0	98.5	51.4	33.8	28.3
P/B (x)	8.3	7.8	7.0	6.1	5.2
Yield (%)	0.3	0.3	0.5	0.7	0.9
ROE (%)	6	7.9	13.7	18.0	18.5
Net gearing (%)	37	19	25	39	25

Source: Company data, Bloomberg, CMBIS estimate

# BUY (Up)

Target Price RMB46.0 (Previous TP RMB9.0) Up/Downside +18.0% Current Price RMB38.88

### **China Technology Sector**

#### Alex Ng

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### Stock Data

Mkt. Cap. (RMB mn)	126,170
Avg. 3mths t/o (RMB mn)	3,680.44
52W High/Low (RMB)	45.17/14.08
Total Issued Shares (mn)	3,245
Source: Bloomberg	

#### **Shareholding Structure**

Weifang Geer Group	17.99%
Jiang Bin	11.51%
Jiang Long	6.02%
Source: Bloomberg	

#### Share Performance

•		
	Absolute	Relative
1-mth	0.8%	1.1%
3-mth	66.6%	42.7%
6-mth	75 9%	55 1%

Source: Bloomberg

# 12-mth Price Performance



Source: Bloomberg

Auditor: Ruihua



# **Earnings Revision**

Figure 1: Earnings revisions

		New			Old		Diff (%)			
RMB mn	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	
Revenue	50,443	76,661	93,097	44,819	60,283	72,241	13%	27%	29%	
Gross Profit	8,722	12,978	15,645	7,317	9,725	10,688	19%	33%	46%	
Operating Profit	2,877	4,361	5,216	2,304	3,028	3,602	25%	44%	45%	
Net profit	2,454	3,731	4,466	1,947	2,555	2,953	26%	46%	51%	
EPS (RMB)	0.76	1.15	1.38	0.60	0.78	0.91	27%	47%	51%	
Gross Margin	17.3%	16.9%	16.8%	16.3%	16.1%	14.8%	1ppt	0.8ppt	2ppt	
Operating Margin	5.7%	5.7%	5.6%	5.1%	5.0%	5.0%	0.6ppt	0.7ppt	0.6ppt	
Net Margin	4.9%	4.9%	4.8%	4.3%	4.2%	4.1%	0.5ppt	0.6ppt	0.7ppt	

Source: Bloomberg, CMBIS

Figure 2: CMBIS estimates vs consensus

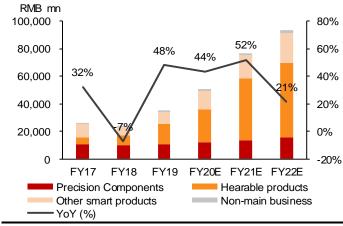
		CMBIS			Consensus		Diff (%)			
RMB mn	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	
Revenue	50,443	76,661	93,097	48,879	68,260	82,327	3%	12%	13%	
Gross Profit	8,722	12,978	15,645	8,084	11,311	13,684	8%	15%	14%	
Operating Profit	2,877	4,361	5,216	2,810	4,005	5,055	2%	9%	3%	
Net profit	2,454	3,731	4,466	2,328	3,344	4,205	5%	12%	6%	
EPS (RMB)	0.76	1.15	1.38	0.71	0.96	1.21	6%	20%	13%	
Gross Margin	17.3%	16.9%	16.8%	16.5%	16.6%	16.6%	0.8ppt	0.4ppt	0.2ppt	
Operating Margin	5.7%	5.7%	5.6%	5.7%	5.9%	6.1%	0ppt	-0.2ppt	-0.5ppt	
Net Margin	4.9%	4.9%	4.8%	4.8%	4.9%	5.1%	0.1ppt	0ppt	-0.3ppt	

Source: Bloomberg, CMBIS

# **Financial Analysis**

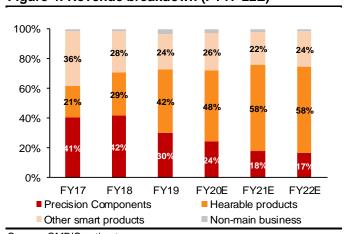
Expect revenue/net profit to grow at 36%/35% CAGR during FY20-22E

Figure 3: Revenue growth estimates



Source: Company data, CMBIS estimates

Figure 4: Revenue breakdown (FY17-22E)



Source: CMBIS estimates



Figure 5: Revenue breakdown

RMB mn	FY18	FY19	FY20E	FY21E	FY22E
Precision component	9,931	10,620	12,171	13,758	15,401
YoY	-4%	7%	15%	13%	12%
Speaker/Receiver	6,500	6,175	6,793	7,336	7,703
MIC (ECM/MEMS)	2,200	2,860	3,289	3,782	4,350
MEMS sensor	300	330	380	417	459
Antenna	300	390	585	761	989
Optical component module	631	865	1,125	1,462	1,901
Hearable products	6,813	14,823	24,027	44,308	54,043
YoY	25%	118%	62%	84%	22%
AirPods	2,240	9,347	16,365	33,862	41,470
Android TWS	1,000	1,400	3,000	5,040	6,250
Smart Speakers	500	850	1,275	1,849	2,588
Other smart products	6,627	8,514	12,935	17,153	22,067
YoY	-29%	28%	52%	33%	29%
Smart Watch	2,000	3,000	4,500	6,075	8,201
VR/AR	3,000	3,300	6,000	8,400	10,920
Robotics/UAV/smart light	1,627	2,214	2,435	2,678	2,946
Non-main business	380	1,191	1,310	1,441	1,586
YoY	-13%	214%	10%	10%	10%
Total	23,751	35,148	50,443	76,661	93,097
YoY	-7%	48%	44%	52%	21%

Source: Company data, CMBIS

Figure 6: P&L forecast

RMB mn	FY18	FY19	1Q20	2Q20	3Q20E	4Q20E	FY20E	FY21E	FY22E
Revenue	23,751	35,148	6,474	9,099	15,121	19,749	50,443	76,661	93,097
YoY	-7%	48%	13%	16%	43%	79%	44%	52%	21%
Cost of sales	(19,282)	(29,726)	(5,294)	(7,470)	(12,524)	(16,434)	(41,722)	(63,682)	(77,453)
Gross profit	4,469	5,422	1,180	1,629	2,597	3,316	8,722	12,978	15,645
GPM (%)	18.8%	15.4%	18.2%	17.9%	17.2%	13.9%	17.3%	16.9%	16.8%
YoY	-20%	21%	23%	41%	46%	117%	61%	49%	21%
SG&A	(1,609)	304	(352)	(288)	(613)	(916)	(2,169)	(3,296)	(4,003)
% of rev	6.8%	0.9%	5.4%	3.2%	4.1%	4.6%	4.3%	4.3%	4.3%
R&D	(1,334)	(1,807)	(338)	(635)	(650)	(1,152)	(2,774)	(4,140)	(5,027)
% of rev	5.6%	5.1%	5.2%	7.0%	4.3%	5.8%	5.5%	5.4%	5.4%
Operating profit	1,006	1,496	360	618	1,096	780	2,877	4,361	5,216
OPM (%)	4.2%	4.3%	5.6%	6.8%	7.2%	3.9%	5.7%	5.7%	5.6%
YoY	-60%	49%	46%	53%	100%	162%	92%	52%	20%
Net profit	868	1,281	294	487	932	719	2,454	3,731	4,466
NPM (%)	3.7%	3.6%	4.5%	5.3%	6.2%	3.6%	4.9%	4.9%	4.8%
YoY	-59%	48%	45%	52%	102%	143%	92%	52%	20%

Source: Company data, CMBIS



# **Valuation**

## Upgrade to BUY with new TP of RMB46.0

We revised up FY20-22E EPS by 27-51% to reflect our positive view on AirPods shipment/ margin upside given strong consumer demand and cancellation of in-box earphones in iPhone12 in 2H20E. Our FY21/22E EPS are 19%/13% above consensus. Our TP of RMB46 is based on 40x FY21E P/E, in-line 1-sd above its 5-yr average P/E, given 35% FY20-22E EPS CAGR, strong earnings visibility and improving ROE. Near-term catalysts include product launches of AirPod Studio, HomePod 2 and Oculus Quest2 in 2H20E.

Figure 7: Peers' valuation

i iguio i i i con			Market Cap	Price	TP	Up/ Down	P/E	(x)	P/B	(x)	ROF	E (%)
Company	Ticker	Rating	US\$(mn)	(LC)	(LC)	-side	FY20E	FY21E	FY20E	FY21E	FY20E	FY21E
A-listed compon	ents	Ĭ										
Goertek	002241 CH	Buy	18,428	38.88	46.0	18%	51.2	33.8	7.0	6.1	13.7	18.0
Luxshare	002475 CH	Buy	52,684	51.65	74.2	44%	38.8	29.2	9.8	7.5	25.2	25.8
O-film	002456 CH	NR	5,770	14.66	NA	NA	29.1	21.4	3.6	3.1	12.3	14.5
Sunway	300136 CH	NR	7,946	56.50	NA	NA	38.9	28.1	8.9	6.8	23.6	24.5
BOE	000725 CH	NR	26,583	5.30	NA	NA	44.2	22.2	1.9	1.8	4.1	7.2
Hans Laser	002008 CH	NR	5,307	34.05	NA	NA	29.7	23.0	3.8	3.3	12.5	14.6
Lens Tech	300433 CH	NR	20,815	32.51	NA	NA	33.3	26.6	5.2	4.5	17.0	18.0
Everwin	300115 CH	NR	3,002	22.59	NA	NA	38.5	27.3	4.2	3.8	11.1	13.5
Holitech	002217 CH	NR	2,517	5.53	NA	NA	-	-	-	-	-	-
			Average				38.0	26.4	5.6	4.6	14.9	17.0
H-listed compon	ents											
FIT Hon Teng	6088 HK	Buy	2,603	2.93	4.1	40%	15.5	10.7	1.1	1.0	7.3	9.8
AAC Tech	2018 HK	Hold	7,375	47.30	47.3	0%	23.8	17.0	2.5	2.4	10.7	13.9
Sunny Optical	2382 HK	Buy	16,615	117.40	148.0	26%	25.4	19.5	6.9	5.3	27.2	27.2
Tongda	698 HK	Hold	355	0.43	0.5	18%	15.2	6.1	0.4	0.4	2.8	6.9
BYDE	285 HK	Buy	10,844	37.30	37.7	1%	13.2	12.8	3.5	2.9	26.5	22.4
Q tech	1478 HK	Buy	1,385	9.16	16.6	81%	12.1	10.0	2.7	2.2	22.0	21.8
TK Group	2283 HK	Buy	280	2.60	2.3	-10%	4.7	4.0	1.7	1.7	35.7	41.7
Truly	732 HK	NR	390	0.92	NA	NA	-	-	-	-	-	-
SMIC	981 HK	NR	29,002	18.42	NA	NA	52.8	56.6	1.3	1.3	3.2	2.1
YOFC	6869 HK	NR	2,452	13.34	NA	NA	11.8	9.8	0.9	0.9	8.4	9.2
O-NET	877 HK	NR	683	6.35	NA	NA	24.0	18.7	2.1	1.9	7.1	9.1
Cowell	1415 HK	NR	306	2.85	NA	NA	6.2	5.2	0.9	0.9	11.2	13.8
			Average				18.6	15.5	2.2	1.9	14.7	16.2

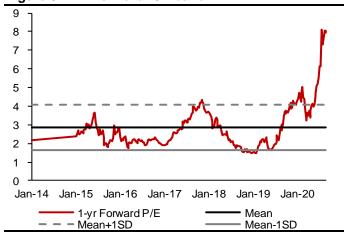
Source: Bloomberg, CMBIS

Figure 8: 12M forward P/E band

70 60 50 40 30 20 10 0 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 1-yr Forward P/E Mean - - - Mean+1SD Mean-1SD

Source: Company data, CMBIS

Figure 9: 12M forward P/B band



Source: Company data, CMBIS



# **Financial Summary**

Income statement						Cash flow summary					
YE 31 Dec (RMB mn)		FY19A		FY21E		YE 31 Dec (RMB mn)			FY20E		
Revenue	23,751			76,661	•	Net profit	844	1,279	2,453	3,729	4,464
Cost of sales	19,282	,	-	63,682	-	Depreciation/amortization	1,635	1,992	1,319	1,512	1,682
Gross profit	4,469	5,422	8,722	12,978	15,645	Change in working capital	(866)		(1,143)		(109)
						Others	663	638	421	533	646
Selling exp	569	534	908	1,380	1,676	Net cash from operating	2,276	5,451	3,049	1,972	6,683
Admin exp (excl. R&D)	1,040	838	1,261	1,917	2,327						
R&D exp	1,334	1,807	2,774	4,140	5,027	Capex	4,240	3,177	3,000	3,000	3,000
Finance costs	318	364	421	533	646	Other			(6,000)		
Other operating exp.	201	383	480	648	753	Net cash from investing	(4,263)	(3,038)	(3,000)	(3,000)	(3,000)
Operating profit	1,006	1,496	2,877	4,361	5,216						
						Share issuance	16	1	0	0	0
Other non-oper exp.	(13)	(25)	(25)	(25)	(25)	Dividend paid	522	595	608	924	1,106
Pre-tax profit	993	1,472	2,852	4,336	5,191	Other	92	(1,933)	363	(381)	(858)
						Net cash from financing	630	(1,337)	971	543	248
Income tax expense	149	192	399	607	727						
Minority interests	(23)	(1)	(1)	(1)	(1)	Net change in cash	(1,356)	1,077	1,020	(485)	3,931
Net profit to shareholders	868	1,281	2,454	3,731	4,466	Cash at beginning of the year	3,358	2,008	3,095	4,115	3,630
						Exchange difference	6	10	0	0	0
						Cash at the end of the year	2,008	3,095	4,115	3,630	7,562
Balance sheet						Key ratios					
YE 31 Dec (RMB mn)	FY18A	FY19A	FY20F	FY21E	FY22F	YE 31 Dec	FY184	FY19A	FY20E	FY21F	FY22F
Current assets	13,820		23,373			Sales mix (%)	11104	11134	1 1202	1 1212	1 1222
Cash & equivalents	2,392	3,613	4,633	4,148	8,080	Precision Components	42	30	24	18	17
Account receivables	7,211	8,147	-	17,504		Hearable products	29	42	48	58	58
Inventories	3,549	5,296		12,180		Other smart products	28	24	26	22	24
Prepayment	161	218	218	218	218	Non-main business	2	3	3	2	2
Other current assets	508	429	429	429	429	Non main business	_	Ü	Ü	_	_
Other current assets	000	120	120	120	120	Growth (%)					
Non-current assets	15.922	16.957	18,638	20.126	21.444	Revenue	(7.0)	48.0	43.5	52.0	21.4
PPE PPE	•	11,502	•	14,672	•	Gross profit	(20.5)	21.3	60.9	48.8	20.5
Deferred income tax	205	198	198	198	198	Operating profit	(59.7)	48.7	92.3	51.6	19.6
Other non-current assets	4,600	5,256	5,256	5,256	5,256	Net profit	(59.4)	47.6	91.7	52.0	19.7
	<b>29,742</b>		42,011	54,607		Net profit	(55.4)	47.0	31.7	32.0	13.7
Total assets	25,742	34,000	42,011	34,007	39,230	Duefit 9 leas notice (0/)					
Current liabilities	13 452	17 559	33 UE3	32 952	3/11/6	Profit & loss ratio (%)	18.8	15.4	17.3	16.9	16.8
Current liabilities			23,063			Gross margin					
Deferred income	104 5.615	105	105	105	105	Operating margin	4.2 3.7	4.3	5.7	5.7 4.9	5.6
Account payables	5,615	9,675	13,180		•	Net profit margin	3.7	3.6	4.9	4.9	4.8
Tax payable	91	140	140	140	140	Polonee about notice					
Other current liabilities	7,642	7,639	9,639	11,639	13,639	Balance sheet ratio	0.4	0.0	0.0	0.4	0.0
	4 400	070	070	070	070	Net debt/total equity (x)	0.4	0.2		0.4	0.2
Non-current liabilities	1,100	973	973	973	973	Current ratio (x)	1.0	1.0	1.0	1.0	1.1
Deferred income	284	397	397	397	397	Receivable turnover days	104	80	80	80	80
Deferred tax liability	209	233	233	233	233	Inventory turnover days	62	54		54	54
Other non-current liabilities	606	344	344	344	344	Payable turnover days	100	94	94	94	94
Total liabilities	14,553	18,531	24,036	33,827	35,119	Profitability (%)					
Share capital	3,245	3,245	3,245	3,245	3,245	ROE	5.7	7.9	13.7	18.0	18.5
Reserves	•		14,709				2.9	3.7	5.8	6.8	7.5
Minority interest	(12)	22	21	17,010	18		0	5.7	5.5	3.3	
Shareholders' equity			17,974			Per share data (RMB)					
			42,011				0.27	0.39	0.76	1.15	1.38
Total equity and liabilities	23,142	J-7,000	42,UII	J <del>-1</del> ,00 <i>1</i>	J3,2J0		0.27	0.39	0.76	0.28	0.34
						DPS	0.10	0.10	0.19	0.20	0.54



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BUY

Stock with potential return of over 15% over next 12 months

HOLD

Stock with potential return of +15% to -10% over next 12 months

SELL

Stock with potential loss of over 10% over next 12 months

NOT RATED : Stock is not rated by CMBIS

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