

招商银行全资附属机构 A Wholly Owned Subsidiary Of China Merchants Bank

Sunny Optical (2382 HK)

Headwinds to persist into 1H22E; Maintain HOLD

We revised down our SOTP-based TP to HK\$125.7, as we expect ASP/margin downside on HCM/HLS segments given intensified competition with AAC/Q-tech in both HCM/HLS products during industry downturn. Our FY22-24E EPS are 20-25% below consensus estimates. While we are positive on Sunny's auto lens/modules leadership and potential market opportunity, Sunny's high exposure to handset segment (79% of sales, vs 7.9% for auto-related) will be a major drag to revenue growth and profitability during handset industry slowdown in 2022. We think the stock is fairly valued at 24.9x FY22E P/E, compared to 2.7%/19% EPS growth in FY22/23E. Maintain HOLD.

- 2022 guidance: HCM/HLS/VLS solid shipment growth with margin pressure. Mgmt. guided +10-15%/ 5-10%/ 20-30% YoY volume growth for HCM/HLS/VLS, mainly driven by Apple's handset lens, Samsung's HCM, and auto lens recovery in 2H22E. However, we believe de-spec trend and aggressive expansion target from peers (AAC/Q-tech on 5P HLS/ low-end HCM) will lead to more intense competition in 2022. Despite sluggish HCM/HLS volume demand, AAC targeted 120-150kk/m HLS capacity (vs 180kk/m Sunny) and 20kk/m HCM capacity (vs 75kk/m Sunny), while Q-tech targeted double-digit shipment growth in HCM.
- Android destocking and de-spec trend as major overhang in 1H22E. In near term, we expect HCM/HLS shipment weakness to persist into 2Q22 on high base and weak Android demand due to share loss to iPhone 5G SE. We now estimate HCM/HLS will deliver muted shipment growth with 9%/3% ASP decline in 1H22E, implying -17% YoY earnings decline in 1H22E.
- Positive LT opportunities in AR/VR, auto cam module and LiDAR. Sunny targeted RMB3bn CAPEX in 2022 with 1) RMB1bn for emerging segments, including AR/VR (+50% YoY), auto cam module (RMB1bn sales target) and LiDAR (20 projects on hand), 2) RMB700mn for HLS expansion for Apple, 3) RMB500mn for HCM/HLS automation, 4) RMB 300mn VLS capacity expansion, and 5) RMB500mn for new plants in India/Vietnam.
- Fair valuation on near-term headwinds; Maintain HOLD. Trading at 24.9x FY22E P/E, we think the stock is fairly valued with 2.7% FY22E EPS growth. While we are positive on LT outlook for Sunny, we remain conservative in near term given earnings uncertainty and industry headwinds. Maintain HOLD with new SOTP-based TP of HK\$125.7 (22.2x FY22E P/E).

Earnings Summary

| (YE 31 Dec) | FY20A | FY21A | FY22E | FY23E | FY24E |
|---------------------|----------|----------|----------|----------|----------|
| Revenue (RMB mn) | 38,002 | 37,497 | 40,226 | 46,553 | 54,639 |
| YoY growth (%) | 0.4 | (1.3) | 7.3 | 15.7 | 17.4 |
| Net income (RMB mn) | 4,882 | 4,993 | 5,128 | 6,110 | 7,294 |
| EPS (RMB) | 4.47 | 4.57 | 4.69 | 5.59 | 6.68 |
| YoY growth (%) | 22.4 | 2.3 | 2.7 | 19.2 | 19.4 |
| Consensus EPS (RMB) | NA | 4.97 | 6.03 | 7.45 | 8.35 |
| P/E (x) | 26.2 | 25.6 | 24.9 | 20.9 | 17.5 |
| P/B (x) | 7.6 | 6.1 | 5.1 | 4.2 | 3.5 |
| Yield (%) | 0.6 | 0.8 | 0.8 | 0.9 | 1.1 |
| ROE (%) | 29.0 | 23.9 | 20.4 | 20.3 | 20.2 |
| Net Gearing (%) | Net cash |

Source: Company data, Bloomberg, CMBIGM estimates

HOLD (Maintain)

Target Price HK\$125.7 (Previous TP HK\$140.5)
Up/Downside -11%
Current Price HK\$140.8

China Technology Sector

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Stock Data

| Mkt Cap (HK\$ mn) | 158,824 |
|--------------------------|--------------|
| Avg 3 mths t/o (HK\$ mn) | 1,086.01 |
| 52w High/Low (HK\$) | 259.4/ 113.9 |
| Total Issued Shares (mn) | 1,097 |
| Source: Bloomberg | |

Shareholding Structure

| SUN XU LTD | 35.47% |
|----------------|--------|
| JPMORGAN CHASE | 5.73% |
| WENJIAN WANG | 3.04% |
| Source: HKEx | |

Share Performance

| Onare i errormance | | | | | | | | | |
|--------------------|----------|----------|--|--|--|--|--|--|--|
| | Absolute | Relative | | | | | | | |
| 1-mth | -26.6% | -21.6% | | | | | | | |
| 3-mth | -43.6% | -41.0% | | | | | | | |
| 6-mth | -34.9% | -27.9% | | | | | | | |

Source: Bloomberg

12-mth Price Performance



Source: Bloomberg

Auditor: Deloitte Touche Tohmatsu

Related Reports:

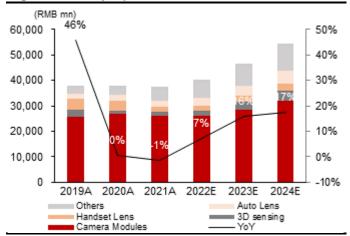
1) 2H21 first take: worse-than-expected GPM pressure – 23 Mar 2022

2) Headwinds not fully priced in; Maintain Hold- 10 Mar 2022



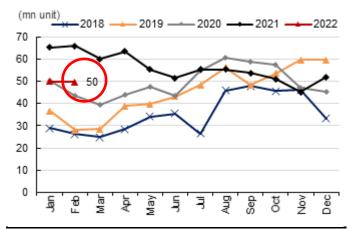
Focus Charts

Figure 1: Sunny Optical revenue trend



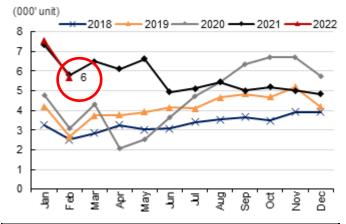
Source: Company data, CMBIGM estimates

Figure 3: Sunny HCM shipment trend



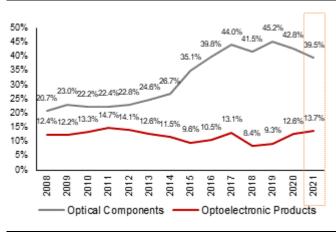
Source: Company data, CMBIGM estimates

Figure 5: Sunny VLS shipment trend



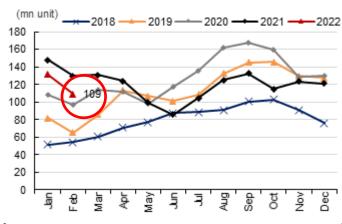
Source: Company data, CMBIGM estimates

Figure 2: Sunny Optical GPM trend



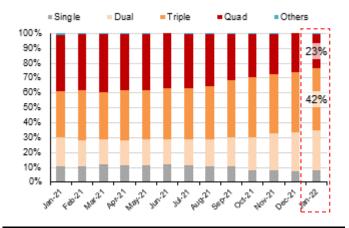
Source: Company data, CMBIGM estimates

Figure 4: Sunny HLS shipment trend



Source: Company data, CMBIGM estimates

Figure 6: China smartphone market trend



Source: Counterpoint, CMBIGM estimates



Key takeaways from analyst call:

2021 Review:

- Revenue declined 1.3% YoY, due to 1) HLS shipment decline, 2) de-spec leading to HLS ASP decrease.
- GPM was 23.3%, up 0.4pts YoY.
- HLS shipment down 5.9% YoY, reaching 1,439mn units
- VLS shipment up 21.0% YoY, Top 1 globally with market share of 34%
- HCM shipment up 13.6% YoY, reaching 673mn units

2022 Guidance on HCM/HLS/VLS:

- HLS: +5-10% YoY, driven by Apple share gain
- VLS: +20-30% YoY, wider range due to chip shortage uncertainty
- HCM: +10-15 % YoY, driven by Samsung share gain

2022 Guidance on other products:

- AR/VR revenue to grow 50% YoY
- Auto cam module revenue to reach RMB1bn
- Operating expense to maintain at 9% of total revenue
- Total capex to be RMB\$3bn with breakdown below:
 - 1) RMB1bn for AR/VR, vehicle camera and LiDAR areas
 - 2) RMB700mn for handset lens, mainly used for Apple shipment ramp
 - 3) RMB500mn for smartphone camera to improve automation level
 - 4) RMB300mn for vehicle capacity expansion to meet market demand
 - RMB500mn for new infrastructure construction in new bases in Vietnam and India

Capacity expansion plan:

- HLS: from 180KK/m to 190KK/m
- VLS: from 7.5KK/m to 8KK/m
- HCM (excluding auto module): maintains at 75KK/m



2H21 Results Review

Figure 7: 2H21 results review

| | | _ | | | | СМВІ | | Consensus | |
|------------------|--------|--------|--------|--------|---------|--------|----------|-----------|----------|
| RMB mn | 1H20 | 2H20 | 1H21E | 2H21E | YoY | 2H21E | Diff (%) | 2H21E | Diff (%) |
| Revenue | 18,864 | 19,138 | 19,833 | 17,663 | 5% | 17,920 | -1% | 21,224 | -17% |
| Gross profit | 3,676 | 5,022 | 4,946 | 3,790 | 35% | 4,185 | -9% | 4,990 | -24% |
| Operating profit | 2,246 | 3,630 | 3,345 | 2,506 | 49% | 2,858 | -12% | 3,056 | -18% |
| Net profit | 1,749 | 3,133 | 2,688 | 2,305 | 54% | 2,440 | -6% | 2,620 | -12% |
| EPS (RMB) | 1.60 | 2.86 | 2.46 | 2.11 | 54% | 2.23 | -6% | 2.43 | -13% |
| Gross margin | 19.5% | 26.2% | 24.9% | 21.5% | 5.5 ppt | 23.4% | -1.9 ppt | 23.5% | -2.1 ppt |
| Operating margin | 11.9% | 19.0% | 16.9% | 14.2% | 5 ppt | 16.0% | -1.8 ppt | 14.4% | -0.2 ppt |
| Net margin | 9.3% | 16.4% | 13.6% | 13.1% | 4.3 ppt | 13.6% | -0.6 ppt | 12.3% | 0.7 ppt |

Source: Company data, CMBIGM estimates

Figure 8: FY21 revenue breakdown

| | | | | | | | CMBIGM | | |
|-----------------------------------|--------|--------|--------|--------|----------|----------|--------|----------|--|
| RMB mn | 1H20 | 2H20 | 1H21 | 2H21E | YoY | HoH | 2H21E | Diff (%) | |
| Optical Comp (Auto/ handset lens) | 3,864 | 5,318 | 4,344 | 4,432 | -17% | | 5,089 | -13% | |
| Auto lens shipment (mn unit) | 21 | 36 | 37 | 31 | -14% | | 31 | | |
| ASP (RMB) | 38.8 | 48.1 | 36.2 | 41.5 | -14% | 15% | 41.5 | 0% | |
| Handset lens Shipment (mn unit) | 6,454 | 8,844 | 7,171 | 7,225 | -18% | | 7,225 | | |
| ASP (RMB) | 4.2 | 4.0 | 3.5 | 3.4 | -14% | -3% | 3.4 | 0% | |
| Optoelectronic (HCM, 3D) | 14,874 | 13,620 | 15,308 | 13,026 | -4% | | 12,714 | 2% | |
| HCM Shipment (mn unit) | 269 | 324 | 361 | 312 | -4% | | 312 | | |
| ASP (RMB) | 53.0 | 39.0 | 39.4 | 38.3 | -2% | -3% | 37.3 | 3% | |
| 3D sensing Shipment (mn unit) | 10.5 | 19.7 | 19.1 | 19.1 | -3% | | 19.1 | | |
| ASP (RMB) | 46.2 | 42.9 | 42.9 | 36.3 | -15% | -15% | 36.3 | 0% | |
| Optical instruments | 126 | 200 | 182 | 206 | 3% | | 117 | 76% | |
| Total Revenue | 18,864 | 19,138 | 19,833 | 17,663 | -8% | | 17,920 | -1% | |
| Gross Margin | | | | | | | | | |
| Optical Comp (Auto/ handset lens) | 41.5% | 43.7% | 42.9% | 35.9% | -7.8 ppt | -7 ppt | 40.0% | -4.1 ppt | |
| Optoelectronic (HCM, 3D) | 11.1% | 14.2% | 14.8% | 12.4% | -1.8 ppt | -2.4 ppt | 12.0% | 0.4 ppt | |
| Optical instruments | 38.6% | 46.3% | 44.2% | 49.3% | 3.1 ppt | 5.1 ppt | 42.0% | 7.3 ppt | |
| Blended GPM | 19.5% | 26.2% | 24.9% | 21.5% | -4.8 ppt | -3.5 ppt | 23.4% | -1.9 ppt | |



Earnings Revision

Figure 9: CMBIGM earnings revisions

| | New | | | | Old | | Change (%) | | | |
|------------------|--------|--------|--------|--------|--------|-------|------------|-------|-------|--|
| RMB mn | FY22E | FY23E | FY24E | FY22E | FY23E | FY24E | FY22E | FY23E | FY24E | |
| Revenue | 40,226 | 46,553 | 54,639 | 39,348 | 45,039 | NA | 2% | 3% | NA | |
| Gross Profit | 9,024 | 10,960 | 12,988 | 9,424 | 11,203 | NA | -4% | -2% | NA | |
| Operating Profit | 6,064 | 7,292 | 8,682 | 6,658 | 8,082 | NA | -9% | -10% | NA | |
| Net profit | 5,128 | 6,110 | 7,294 | 5,596 | 6,818 | NA | -8% | -10% | NA | |
| EPS (RMB) | 4.69 | 5.59 | 6.68 | 5.12 | 6.24 | NA | -8% | -10% | NA | |
| Gross Margin | 22.4% | 23.5% | 23.8% | 24.0% | 24.9% | NA | -1.5% | -1.3% | NA | |
| Operating Margin | 15.1% | 15.7% | 15.9% | 16.9% | 17.9% | NA | -1.8% | -2.3% | NA | |
| Net Margin | 12.7% | 13.1% | 13.3% | 14.2% | 15.1% | NA | -1.5% | -2.0% | NA | |

Source: Company data, CMBIGM estimates

Figure 10: CMBIGM estimates vs consensus

| | | CMBIGM | | (| Consensus | | Diff (%) | | |
|------------------|--------|--------|--------|--------|-----------|--------|----------|----------|----------|
| RMB mn | FY22E | FY23E | FY24E | FY22E | FY23E | FY24E | FY22E | FY23E | FY24E |
| Revenue | 40,226 | 46,553 | 54,639 | 48,006 | 56,484 | 64,762 | -16% | -18% | -16% |
| Gross Profit | 9,024 | 10,960 | 12,988 | 11,567 | 13,876 | 15,812 | -22% | -21% | -18% |
| Operating Profit | 6,064 | 7,292 | 8,682 | 7,185 | 8,849 | 9,405 | -16% | -18% | -8% |
| Net profit | 5,128 | 6,110 | 7,294 | 6,575 | 8,074 | 9,344 | -22% | -24% | -22% |
| EPS (RMB) | 4.69 | 5.59 | 6.68 | 6.03 | 7.45 | 8.35 | -22% | -25% | -20% |
| Gross Margin | 22.4% | 23.5% | 23.8% | 24.1% | 24.6% | 24.4% | -1.7 ppt | -1 ppt | -0.6 ppt |
| Operating Margin | 15.1% | 15.7% | 15.9% | 15.0% | 15.7% | 14.5% | 0.1 ppt | 0 ppt | 1.4 ppt |
| Net Margin | 12.7% | 13.1% | 13.3% | 13.7% | 14.3% | 14.4% | -0.9 ppt | -1.2 ppt | -1.1 ppt |

Source: Bloomberg, CMBIGM estimates

Figure 11: P&L forecast

| RMB mn | FY20 | FY21 | 1H22E | 2H22E | FY22E | FY23E | FY24E |
|-------------------|----------|----------|----------|----------|----------|----------|----------|
| Revenue | 38,002 | 37,497 | 19,923 | 20,303 | 40,226 | 46,553 | 54,639 |
| YoY | 0.4% | -1.3% | 0.5% | 14.9% | 7.3% | 15.7% | 17.4% |
| Cost of sales | (29,304) | (28,761) | (15,700) | (15,501) | (31,201) | (35,593) | (41,651) |
| Gross profit | 8,698 | 8,736 | 4,223 | 4,802 | 9,024 | 10,960 | 12,988 |
| GPM (%) | 22.9% | 23.3% | 21.2% | 23.7% | 22.4% | 23.5% | 23.8% |
| YoY | 12.2% | 0.4% | -14.6% | 26.7% | 3.3% | 21.4% | 18.5% |
| SG&A | (1,032) | (1,032) | (534) | (536) | (1,070) | (1,248) | (1,464) |
| % of rev | -2.7% | -2.8% | -2.7% | -2.6% | -2.7% | -2.7% | -2.7% |
| R&D | (2,499) | (2,642) | (1,235) | (1,482) | (2,717) | (3,166) | (3,715) |
| % of rev | -6.6% | -7.0% | -6.2% | -7.3% | -6.8% | -6.8% | -6.8% |
| Other Gain & Loss | 698 | 252 | 698 | 252 | 537 | 528 | - |
| Operating profit | 5,877 | 5,851 | 2,752 | 3,312 | 6,064 | 7,292 | 8,682 |
| OPM (%) | 15.5% | 15.6% | 13.8% | 16.3% | 15.1% | 15.7% | 15.9% |
| YoY | 22.3% | -0.4% | -17.7% | 32.1% | 3.6% | 20.2% | 19.1% |
| Net profit | 4,882 | 4,993 | 2,241 | 2,887 | 5,128 | 6,110 | 7,294 |
| NPM (%) | 12.8% | 13.3% | 11.2% | 14.2% | 12.7% | 13.1% | 13.3% |
| YoY | 22.3% | 2.3% | -16.6% | 25.2% | 2.7% | 19.1% | 19.4% |



Figure 12: Major assumptions

| rigure 12. major assumptions | | | | | |
|-----------------------------------|--------|--------|--------|--------|--------|
| | FY20 | FY21 | FY22E | FY23E | FY24E |
| Shipment volume (mn unit) | | | | | |
| Optical Components | | | | | |
| Handset lens sets | 1,530 | 1,440 | 1,533 | 1,718 | 1,926 |
| YoY(%) | 14% | -6% | 7% | 12% | 12% |
| Vehicle lens sets | 56 | 68 | 81 | 103 | 130 |
| YoY(%) | 12% | 21% | 19% | 26% | 27% |
| Optoelectronic Products | | | | | |
| Handset camera modules | 593 | 674 | 743 | 829 | 912 |
| YoY(%) | 10% | 14% | 10% | 12% | 10% |
| Other optoelectronic (3D sensing) | 41 | 59 | 85 | 124 | 179 |
| YoY(%) | -18% | 45% | 45% | 45% | 45% |
| Optical Instruments | | | | | |
| Microscopic instruments | 195 | 258 | 284 | 312 | 343 |
| YoY(%) | -1% | 32% | 10% | 10% | 10% |
| Revenue (RMB mn) | | | | | |
| Optical Components | 9,181 | 8,776 | 10,932 | 13,065 | 15,608 |
| Optoelectronic Products | 28,494 | 28,334 | 29,016 | 33,184 | 38,695 |
| Optical instruments | 326 | 387 | 277 | 305 | 335 |
| Total Revenue | 38,002 | 37,497 | 40,226 | 46,553 | 54,639 |
| YoY(%) | 0.4% | -1.3% | 7.3% | 15.7% | 17.4% |
| Gross Margin | 22.9% | 23.3% | 22.4% | 23.5% | 23.8% |
| Optical Components | 42.8% | 39.5% | 38.6% | 41.5% | 41.8% |
| Optoelectronic products | 12.6% | 13.7% | 12.7% | 12.6% | 12.7% |
| Optical instruments | 39.2% | 45.1% | 46.4% | 46.4% | 46.4% |



Valuation

Maintain HOLD with new TP of HK\$125.7

We maintain HOLD with lowered TP HK\$125.7. We derived our 12-month TP from SOTP valuation methodology and our TP is based on weighted-average target P/E multiple of 22.2x FY22E EPS, in order to reflect 1) Sunny's diversification in multiple businesses with different growth profiles, and 2) visibility of product upcycles across different segments.

We assign lower 15x P/E to its CCM business to reflect its China No.1 position, product upcycle and advanced technology capacity. We assign 35x P/E for its vehicle lens business to reflect the high-margin and high-growth industry nature of vehicle lens (25% CAGR FY20-23E) and Sunny's No.1 global market share. We apply a 25x P/E to its handset lens segment given secular upgrade trend and continued share gains from peers.

Figure 13: Sunny Optical - SOTP valuation

| Business segment | % of FY22E Profit | FY22E EPS (RMB) | Target P/E |
|--------------------------|-------------------|-----------------|------------|
| Camera modules | 40.8% | 1.92 | 15x |
| Handset lenses | 44.8% | 2.10 | 25x |
| Vehicle lenses | 13.1% | 0.61 | 35x |
| Others | 1.3% | 0.06 | 25x |
| Total (RMB) /Implied P/E | | 4.69 | 22.2x |
| TP (HK\$) | | | 125.7 |

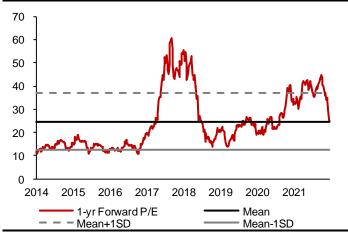
Sources: Company data, CMBIGM estimates

Figure 14: Peers' valuation

| | | | Market Cap | Price | TP | Up/ Down | P/F | E (x) | P/F | 3 (x) | ROE | : (%) |
|---------------|-----------|--------|---------------|---------|-------|-------------|-------|-------|-------|-------|-------|-------|
| Company | Ticker | Rating | (US\$ mn) | (LC) | (LC) | -side | FY22E | FY23E | FY22E | FY23E | FY22E | FY23E |
| Sunny Optical | 2382 HK | Hold | 19,737 | 140.8 | 125.7 | -11% | 24.9 | 20.9 | 5.1 | 4.2 | 20.4 | 20.3 |
| Q tech | 1478 HK | Buy | 912 | 6.0 | 8.6 | 42% | 7.5 | 9.0 | 1.2 | 1.0 | 15.8 | 11.4 |
| Cowell | 1415 HK | NR | 855 | 8.02 | NA | NA | 10.8 | 7.9 | 2.2 | 1.8 | 22.8 | 25.9 |
| Truly | 732 HK | NR | 1,026 | 2.44 | NA | NA | 4.8 | 3.4 | - | - | 13.1 | 16.8 |
| Catcher | 2474 TT | NR | 3,932 | 147.50 | NA | NA | 12.2 | 11.1 | 0.7 | 0.7 | 5.9 | 6.1 |
| Largan | 3008 TT | NR | 9,390 | 2000.00 | NA | NA | 13.7 | 12.9 | 1.7 | 1.6 | 12.7 | 12.9 |
| Lite-on | 2301 TT | NR | 5,554 | 67.50 | NA | NA | 11.7 | 10.8 | 2.0 | 1.9 | 16.6 | 17.0 |
| Primax | 4915 TT | NR | 832 | 52.20 | NA | NA | 8.8 | 8.0 | 1.5 | 1.4 | 17.0 | 17.0 |
| O-film | 002456 CH | NR | 3,799 | 7.43 | NA | NA | 21.4 | 19.6 | 2.2 | 2.1 | 3.8 | 5.6 |
| | | | Average | | | | 13.1 | 11.7 | 2.1 | 1.9 | 14.2 | 14.8 |

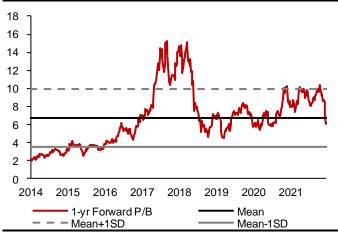
Source: Bloomberg, CMBIGM estimates

Figure 15: 12M forward P/E band



Source: Bloomberg, CMBIGM estimates

Figure 16: 12M forward P/B band



Source: Bloomberg, CMBIGM estimates



Financial Summary

| Income statement | | | | | | Cash flow summary | | | | | |
|-------------------------|----------|----------|----------|----------|----------|-------------------------------|---------|---------|---------|---------|---------|
| YE 31 Dec (RMB mn) | FY20A | FY21A | FY22E | FY23E | FY24E | YE 31 Dec (RMB mn) | FY20A | FY21A | FY22E | FY23E | FY24E |
| Revenue | 38,002 | 37,497 | 40,226 | 46,553 | 54,639 | Profit before taxation | 5,643 | 5,640 | 5,830 | 7,032 | 8,395 |
| Cost of sales | (29,304) | (28,761) | (31,201) | (35,593) | (41,651) | Depreciation/amortisation | 1,570 | 1,638 | 1,753 | 2,053 | 2,353 |
| Gross profit | 8,698 | 8,736 | 9,024 | 10,960 | 12,988 | Change in working capital | 115 | 200 | (1,103) | (192) | (1,326) |
| | | | | | | Others | (168) | (499) | (375) | (563) | (699) |
| Selling expenses | (313) | (274) | (285) | (340) | (399) | Net cash from operating | 7,160 | 6,979 | 6,104 | 8,330 | 8,723 |
| Admin expenses | (719) | (758) | (785) | (908) | (1,065) | | | | | | |
| R&D expenses | (2,499) | (2,642) | (2,717) | (3,166) | (3,715) | Capex | (2,271) | (2,498) | (3,000) | (3,000) | (3,000) |
| Other income | 510 | 690 | 746 | 698 | 820 | Other | (3,705) | 5,400 | - | - | - |
| Other gain/ losses | 187 | 99 | 80 | 47 | 55 | Net cash from investing | (5,976) | 2,902 | (3,000) | (3,000) | (3,000) |
| Operating profit | 5,877 | 5,851 | 6,064 | 7,292 | 8,682 | | | | | | |
| | | | | | | Net borrowings | 1,017 | - | - | - | - |
| Financial costs | (224) | (230) | (253) | (279) | (306) | Dividend paid | (796) | (974) | (1,000) | (1,192) | (1,423) |
| Investment income | 0 | 19 | 19 | 19 | 19 | Purchase of shares | (151) | - | - | - | - |
| Pre-tax profit | 5,653 | 5,640 | 5,830 | 7,032 | 8,395 | Other | (291) | 2,215 | (253) | (279) | (306) |
| | | | | | | Net cash from financing | (222) | 1,241 | (1,254) | (1,470) | (1,729) |
| Income tax expense | (703) | (579) | (624) | (830) | (991) | • | | | | | |
| NCI | 68 | 68 | 77 | 92 | 110 | Net change in cash | 962 | 11,122 | 1,851 | 3,860 | 3,994 |
| Net profit | 4,882 | 4,993 | 5,128 | 6,110 | 7,294 | Cash at beginning of the year | 1,917 | 2,842 | 5,605 | 7,456 | 11,316 |
| | | | | | | Exchange difference | (37) | (8,358) | | | |
| | | | | | | Cash at the end of the year | 2,842 | 5,605 | 7,456 | 11,316 | 15,309 |
| Balance sheet | | | | | | Key ratios | | | | | |
| YE 31 Dec (RMB mn) | FY20A | FY21A | FY22E | FY23E | FY24E | YE 31 Dec | EV20A | EV21 A | EV22E | FY23E | EV24E |
| Company accepts | 0F 620 | 27 000 | 24 027 | 27 706 | 44 260 | TE OT DEC | I IZVA | 1 121A | 1 1225 | 1 123E | Z4L |

| Balance sheet | | | | | | Key ratios | | | | | |
|----------------------------|--------|--------|--------|--------|--------|---------------------------|----------|----------|----------|----------|----------|
| YE 31 Dec (RMB mn) | FY20A | FY21A | FY22E | FY23E | FY24E | YE 31 Dec | FY20A | FY21A | FY22E | FY23E | FY24E |
| Current assets | 25,630 | 27,989 | 31,037 | 37,786 | 44,260 | Sales mix (%) | | | | | |
| Cash & equivalents | 2,842 | 5,605 | 7,456 | 11,316 | 15,309 | Optical components | 24.2 | 23.4 | 27.2 | 28.1 | 28.6 |
| Financial assets | 8,480 | 8,314 | 8,314 | 8,314 | 8,314 | Optoelectronic products | 75.0 | 75.6 | 72.1 | 71.3 | 70.8 |
| Deposits | 238 | 1,112 | 1,112 | 1,112 | 1,112 | Optical instruments | 0.9 | 1.0 | 0.7 | 0.7 | 0.6 |
| Account receivables | 8,212 | 7,448 | 9,352 | 10,091 | 12,729 | | | | | | |
| Inventories | 5,783 | 5,482 | 4,776 | 6,926 | 6,768 | Growth (%) | | | | | |
| Other current assets | 74 | 28 | 28 | 28 | 28 | Revenue | 0.4 | (1.3) | 7.3 | 15.7 | 17.4 |
| | | | | | | Gross profit | 12.2 | 0.4 | 3.3 | 21.4 | 18.5 |
| Non-current assets | 9,809 | 10,785 | 12,050 | 13,040 | 13,742 | Operating profit | 22.3 | (0.4) | 3.6 | 20.2 | 19.1 |
| Prepaid lease | | | | | | Net profit | 22.3 | 2.3 | 2.7 | 19.1 | 19.4 |
| PPE | 7,513 | 8,303 | 9,550 | 10,497 | 11,144 | | | | | | |
| Interest in associates | 2 | 202 | 202 | 202 | 202 | Profit & loss ratio (%) | | | | | |
| Other non-curr. assets | 2,293 | 2,280 | 2,298 | 2,341 | 2,397 | Gross margin | 22.9 | 23.3 | 22.4 | 23.5 | 23.8 |
| Total assets | 35,438 | 38,774 | 43,087 | 50,827 | 58,002 | Operating margin | 15.5 | 15.6 | 15.1 | 15.7 | 15.9 |
| | | | | | | Net profit margin | 12.8 | 13.3 | 12.7 | 13.1 | 13.3 |
| Current liabilities | 13,411 | 11,873 | 11,982 | 14,711 | 15,905 | | | | | | |
| ST borrowings | 2,071 | 1,539 | 1,539 | 1,539 | 1,539 | Balance sheet ratio | | | | | |
| Account payables | 10,733 | 9,869 | 9,963 | 12,660 | 13,814 | Net debt/total equity (x) | Net cash |
| Other current liabilities | 9,223 | 15,493 | 19,603 | 21,917 | 26,745 | Current ratio (x) | 1.9 | 2.4 | 2.6 | 2.6 | 2.8 |
| | | | | | | Receivable turnover days | 85.7 | 76.2 | 76.2 | 76.2 | 76.2 |
| Non-current liabilities | 5,201 | 6,005 | 6,005 | 6,005 | 6,005 | Inventory turnover days | 68.1 | 68.1 | 60.0 | 60.0 | 60.0 |
| LT borrowings | | 700 | 700 | 700 | 700 | Payable turnover days | 137.4 | 137.4 | 116.0 | 116.0 | 116.0 |
| Others | 5,201 | 5,305 | 5,305 | 5,305 | 5,305 | | | | | | |
| Total liabilities | 18,612 | 17,879 | 17,987 | 20,716 | 21,910 | Profitability (%) | | | | | |
| | | | | | | ROE | 29.0 | 23.9 | 20.4 | 20.3 | 20.2 |
| Share capital | 105 | 105 | 105 | 105 | 105 | ROA | 13.8 | 12.9 | 11.9 | 12.0 | 12.6 |
| Reserves | 16,492 | 20,483 | 24,611 | 29,529 | 35,401 | | | | | | |
| Minority interest | 229 | 307 | 384 | 476 | 586 | Per share data (RMB) | | | | | |
| Shareholders' equity | 16,826 | 20,895 | 25,101 | 30,111 | 36,092 | EPS | 4.47 | 4.57 | 4.69 | 5.59 | 6.68 |
| Total equity & liabilities | 35,438 | 38,774 | 43,087 | 50,827 | 58,002 | DPS | 0.73 | 0.89 | 0.92 | 1.09 | 1.30 |



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