

# MasterCard Inc

# Solid 4Q print+ '24 outlook; maintain Buy

Maintain Rating: BUY | PO: 484.00 USD | Price: 448.08 USD

## Overall print modestly better than anticipated

Amid tempered expectations following V's somewhat mixed C4Q print last week, MA reported a robust 4Q with rev/EPS upside and solid initial '24 guidance. While MA's payment volumes also slowed q/q, the magnitude of MA's revs/EPS beat was larger than V's. We also think initial '24 revenues guide was at the higher end of expectations which could explain the positive stock reaction this morning. We maintain our Buy rating on business model quality, CF/BS strength, competitive moat, recession resilience.

# '24 guide more or less in-line w/Street

'24 net revs are expected to grow on the high-end of LDD vs. BofAe/Street at 11.7%/10.5%. MA guided to F24 opex growth of low-end of LDD (including 1pt from Brazil tax legislation effective 1Q24), vs. BofAe/Street at 10.3%/9.6% y/y. The '24 guide assumes healthy consumer spending persists. '24 tax rate of 17% benefits from Brazil.

# 1Q revs guide slightly below consensus due to comps

1Q net revenue are expected to grow in the low-end of LDD, vs. BofAe/Street at 10.3%/11.7%. For 1Q, opex growth is expected to be high-end of HSD (includes 1 pt from Brazil tax reg) vs. BofAe/Street at 10.3%/10.4% y/y. 1Q revs growth forecast to be lower vs. '24 due to tougher XB comps (ie, FX vol) and VAS. 1Q guide includes other expense of \$60M-65M and expected tax rate of 16%-17% (BofAe/Street=18.7%/18.6%).

# January MTD trends decelerate from Dec/4Q levels

Like V, MA's Jan US vols growth (MTD through 1/28 vs. 1/21 for V) slowed by 1% (to 4%) vs. 4Q due to severe weather. However, the w/e 1/28 saw a bounce back to 5%. Global payment vols were up 10% y/y (from 10%/11% in Dec/4Q), processed transactions grew 11% y/y MTD (vs. 13%/12% in Dec/4Q), XB vols excluding intra-Europe were up 19% y/y (vs. 16%/19% in Dec/4Q), and XB travel was up 16% y/y vs. 16%/18% in Dec/4Q.

# 4Q beat driven by strength in value-added services

Reported revs growth of 13% (11% CC) beat BofA/Street/guide of 11%/11%/LDD, on strength in VAS (19% vs. BofAe/Street at 11%/14%). Payment Network revs growth of 8.5% was below BofAe/Street at 11%/10%. Opex growth of 9.5% was in-line. MA's adj. EPS of \$3.18 beat BofA/Street at \$3.06/\$3.08, with ~\$0.06 of tax help.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	8.40	10.68	12.14	14.02	16.38
GAAP EPS	8.76	10.25	11.91	14.02	16.38
EPS Change (YoY)	30.6%	27.1%	13.7%	15.5%	16.8%
Consensus EPS (Bloomberg)			12.16	14.20	16.70
DPS	1.76	1.96	2.28	2.44	2.68
Valuation (Dec)					
P/E	53.3x	42.0x	36.9x	32.0x	27.4x
GAAP P/E	51.2x	43.7x	37.6x	32.0x	27.4x
Dividend Yield	0.4%	0.4%	0.5%	0.5%	0.6%
EV / EBITDA*	34.8x	28.6x	25.4x	22.7x	20.0x
Free Cash Flow Yield*	2.2%	2.6%	2.3%	3.1%	3.6%
* For full definitions of <i>iQ</i> method <sup>SM</sup> measures, see page 7.					

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Refer to important disclosures on page 8 to 10. Analyst Certification on page 5. Price
Objective Basis/Risk on page 5.

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#### 31 January 2024

#### Equity

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#### **Stock Data**

 Price
 448.08 USD

 Price Objective
 484.00 USD

 Date Established
 15-Dec-2023

 Investment Opinion
 B-1-7

 52-Week Range
 340.21 USD - 446.22 USD

 Mrkt Val (mn) / Shares Out
 416,911 USD / 930.4

 (mn)
 416,911 USD / 930.4

(11111)

ESGMeter™

 Free Float
 89.0%

 Average Daily Value (mn)
 1088.14 USD

 BofA Ticker / Exchange
 MA / NYS

 Bloomberg / Reuters
 MA US / MAN

 ROE (2023E)
 184.0%

 Net Dbt to Eqty (Dec-2022A)
 105.7%

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

HSD: high-single-digits

LDD: low-double-digits

VAS: value-added services

w/e: week ending

XB: cross-border

V: Visa Inc.

High

# **iQ**profile<sup>™</sup> MasterCard Inc

<b>iQ</b> method <sup>™</sup> – Bus Performance*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Return on Capital Employed	37.6%	43.6%	48.0%	53.5%	57.99
Return on Equity	119.7%	150.4%	184.0%	206.2%	197.89
Operating Margin	54.3%	57.0%	57.8%	58.2%	58.79
Free Cash Flow	9,056	10,753	9,382	13,109	15,04
i <b>Q</b> method <sup>™</sup> – <b>Quality of Earnings*</b>					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Cash Realization Ratio	1.1x	1.1x	0.9x	1.1x	1.1
Asset Replacement Ratio	0.2x	0.2x	0.2x	0.2x	0.2
Tax Rate	15.4%	15.6%	18.9%	18.7%	18.79
Net Debt-to-Equity Ratio	76.7%	105.7%	141.3%	139.9%	90.80
Interest Cover	23.8x	26.9x	25.0x	28.0x	31.7
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Sales	18,884	22,231	25,010	27,844	31,34
% Change	23.4%	17.7%	12.5%	11.3%	12.69
Gross Profit	NA	NA	NA	NA	N
% Change	NA	NA	NA	NA	N
EBITDA	12,355	15,018	16,902	18,957	21,47
% Change	26.0%	21.6%	12.5%	12.2%	13.3
Net Interest & Other Income	(412)	(387)	(306)	(320)	(32)
Net Income (Adjusted)	8,333	10,372	11,485	12,924	14,71
% Change	28.9%	24.5%	10.7%	12.5%	13.89
US\$ Millions)	2021A	2022A	2023E	2024E	2025
Net Income from Cont Operations (GAAP)	8,333	10,372	11,485	12,924	14,71
Depreciation & Amortization	2,097	2,336	2,436	2,740	3,06
Change in Working Capital	(916)	(904)	(4,129)	(1,774)	(1,899
Deferred Taxation Charge	(69)	(651)	(502)	(1,052)	(1,05
Other Adjustments, Net	18	42	529	752	75
Capital Expenditure	(407)	(442)	(437)	(481)	(52
Free Cash Flow	9,056	10,753	9,382	13,109	15,04
% Change	31.5%	18.7%	-12.8%	39.7%	14.79
Share / Issue Repurchase	61	90	254	164	16
Cost of Dividends Paid	(1,741)	(1,903)	(2,162)	(2,152)	(2,15)
Change in Debt	(650)	(724)	0	0	
Balance Sheet Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	202
Cash & Equivalents	7,421	7,008	5,609	5,254	6,59
Trade Receivables	3,006	3,425	3,876	4,383	4,94
Other Current Assets	6,522	6,173	6,545	6,998	7,52
Property, Plant & Equipment	1,907	2,006	1,961	1,907	1,85
Other Non-Current Assets	18,813	20,112	21,062	21,999	23,13
Total Assets	37,669	<b>38,724</b>	<b>39,052</b>	<b>40,541</b>	44,04
Short-Term Debt	12.162	=	=	=	
Other Current Liabilities	13,162 13,109	13,897	14,171 14,233	15,316	16,78
Long-Term Debt Other Non-Current Liabilities		13,749	4,545	14,249 4,545	14,26 4,54
Total Liabilities	3,986 <b>30,257</b>	4,427 32.073	4,545 <b>32,949</b>	4,545 <b>34,110</b>	
	•	32,073 6 377	•	•	35,59 8 44
Total Equity	7,412	6,377	6,104	6,430	8,44
Total Equity & Liabilities	37,669	38,450	39,052	40,541	44,04

### **Company Sector**

Payments, Processors & IT Services

#### **Company Description**

MA is a global payments provider that operates one of the largest payment processing networks, connecting billions of consumers, millions of merchants, and thousands of financial institutions in more than 210 countries. MA brands include Mastercard, Maestro, and Cirrus. MA also provides value-enhancing offerings such as loyalty and rewards programs, information services and consulting. According to Nilson estimates, MA is the third-largest global credit and debit network, as measured by volume.

#### **Investment Rationale**

We maintain our Buy rating on business model quality, cash flow/balance sheet strength, competitive moat, recession resilience. We also see enduring secular tailwinds in the form or cash displacement in favor of electronic payments globally.

#### **Stock Data**

Average Daily Volume 2,428,454

### **Quarterly Earnings Estimates**

	2022	2023
Q1	2.78A	2.80A
Q2	2.56A	2.89A
Q3	2.68A	3.40A
04	2.65A	3.06F

# More on 4Q + guidance

#### 4Q results

- MA reported 4Q CC net rev growth of 11% y/y. Reported growth of 13% was above BofA/Street/guidance of 11%/11%/low-double digits, with particular upside in value-added services (19% vs. BofAe/Street at 10.5%/13.8%).
- By segment, 4Q net Payment Network revenues, representing 60% of total net revs, grew 9% (vs. BofAe/Street at 11%/10%). 4Q value-added Services and Solutions net revs grew 19% (vs. BofAe/Street at 10.5%/13.8%).
- 4Q rebates and incentives as % of gross payment networks revs of 51.4% were slightly above BofAe/Street at 50.5%/50.3%.
- 4Q adj. op margins of 56.2% were slightly above BofAe/Street by ~50/25bps; opex growth of 9.5% was slightly better than BofAe/Street at 9.3%/9.0% (guide of high-end of high-single digits).
- Including tax help of ~\$0.06 and impact from share repurchases of \$0.08, MA's adj. EPS of \$3.18 beat BofA/Street at \$3.06/\$3.08.
- 4Q total payment vols grew 11% vs. BofAe/Street at 12.6%/11.5%. US vols grew 4.5% in 4Q (decelerating vs. 5.6% in 3Q), with credit/debit growth of 10%/12.8% respectively.
- 4Q switched transaction growth was 12.5% vs. BofA/Street at 12.5%/11.2%.

### '24 guide

- F24 reported net revenue are expected to grow in the high-end of low-doubledigits vs. BofAe/Street at 11.7%/10.5%.
- MA guided to F24 reported opex growth of low-end of low double-digits vs. BofAe/Street at 10.3%/9.6% y/y.
- For FY24, MA also expects a 17% tax rate.

#### 1Q guide

- 1Q reported net revenue are expected to grow in the low-end of low-double digits, vs. BofAe/Street at 10.3%/11.7%.
- For 1Q, reported opex growth is expected to be on the high-end of high-single digits, vs. BofAe/Street up 10.3%/10.4% y/y.
- Other income and expense of \$60M-\$65M is expected in 1Q, given the prevailing interest rates and debt levels.
- 1Q expected tax rate of 16%-17% (below BofAe/Street at 18.7%/18.6%).

#### January QTD trends (through 1/28)

- Total cross-border volume growth was 18% in January, vs. 16% in December and 18% in 4Q.
- Cross-border ex. intra-Europe volumes grew 19% in January, vs. 16% in December and 19% in 4Q.
- Cross-border card-not-present (CNP) ex. travel grew 20% in January vs. 18% in 4Q and 17% in December.



- Cross-border card present (CP) + card-not-present (CNP) travel was 16% in January, vs. 18% in 4Q and 16% in December.
- Switched transaction growth of 11% y/y also decelerated vs. 13% in December and 12% in 4Q.



# Price objective basis & risk

#### Mastercard Inc (MA)

We utilize a 50/50 blend of 34x '24E GAAP EPS and our DCF model to calculate our 12-month price objective of \$484. Our multiple is a premium vs. the S&P500 given MA's above average earnings growth in a normalized environment, increased diversification, competitive positioning, secular tailwinds, and recession resilience. Our multiple is also slightly higher than its closest peer given MA grows faster, albeit off of a smaller base. Our discounted cash flow (DCF) analysis assumes a weighted average cost of capital of around 10% and a terminal growth rate of 4%.

Downside risks to our price objective are 1) weak consumer spending in the event of a macroeconomic downturn, 2) increased customer concentration and consolidation, 3) legislative and regulatory changes, 4) potential litigation settlements, which could include monetary damages, and/or result in changes in business practices, 5) loss of customer contracts due to increased competition or new entrants, including local/global payment networks, new start-ups and existing large and small technology companies, and 6) large fluctuations in the value of currencies/foreign exchange rates.

# **Analyst Certification**

I, Jason Kupferberg, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

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US - Payments, Processors, Specialty Finance and IT services Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Accenture Plc	ACN	ACN US	Jason Kupferberg
	American Express Company	AXP	AXP US	Mihir Bhatia
	Block Inc	SQ	SQ US	Jason Kupferberg
	Capital One Financial	COF	COF US	Mihir Bhatia
	Discover Financial	DFS	DFS US	Mihir Bhatia
	Enact Holdings	ACT	ACT US	Mihir Bhatia
	Essent Group	ESNT	ESNT US	Mihir Bhatia
	Fidelity National Information Services	FIS	FIS US	Jason Kupferberg
	Fiserv Inc	FI	FIUS	Jason Kupferberg
	FleetCor Technologies Inc.	FLT	FLT US	Mihir Bhatia



### US - Payments, Processors, Specialty Finance and IT services Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Flywire	FLYW	FLYW US	Jason Kupferberg
	Global Payments Inc	GPN	GPN US	Jason Kupferberg
	Jack Henry & Associates	JKHY	JKHY US	Jason Kupferberg
	Mastercard Inc	MA	MA US	Jason Kupferberg
	MGIC Investment Corp.	MTG	MTG US	Mihir Bhatia
	NMI Holdings	NMIH	NMIH US	Mihir Bhatia
	Nuvei	NVEI	NVEI US	Jason Kupferberg
	Nuvei	YNVEI	NVEI CN	Jason Kupferberg
	OneMain Holdings, Inc.	OMF	OMF US	Mihir Bhatia
	Shift4 Payments, Inc	FOUR	FOUR US	Jason Kupferberg
	Telus International	TIXT	TIXT US	Cassie Chan
	Telus International	YTIXT	TIXT CN	Cassie Chan
	Visa Inc.	V	V US	Jason Kupferberg
	WEX Inc.	WEX	WEX US	Mihir Bhatia
NEUTRAL				
NEUIRAL	ADP	ADP	ADP US	Jason Kupferberg
	Affirm Holdings	AFRM	AFRM US	Jason Kupferberg
		BFH	BFH US	Mihir Bhatia
	Bread Financial Holdings Inc DLocal	DLO	DLO US	
	Globant SA	GLOB	GLOB US	Jason Kupferberg
				Jason Kupferberg
	Marqeta	MQ PYPL	MQ US PYPL US	Jason Kupferberg
	PayPal Holdings Inc			Jason Kupferberg
	SoFi Technologies Inc	SOFI	SOFIUS	Mihir Bhatia
	Synchrony Financial	SYF	SYF US	Mihir Bhatia
	Thoughtworks	TWKS	TWKS US	Jason Kupferberg
	Toast	TOST	TOST US	Jason Kupferberg
	TTEC Holdings	TTEC	TTEC US	Cassie Chan
UNDERPERFORM				
	CGI Inc.	GIB	GIB US	Jason Kupferberg
	CGI Inc.	YGIBA	GIB/A CN	Jason Kupferberg
	Cognizant Technology Solutions	CTSH	CTSH US	Jason Kupferberg
	Coinbase	COIN	COIN US	Jason Kupferberg
	DXC Technology	DXC	DXC US	Jason Kupferberg
	EPAM Systems	EPAM	EPAM US	Jason Kupferberg
	Paychex	PAYX	PAYX US	Jason Kupferberg
	Radian Group Inc	RDN	RDN US	Mihir Bhatia
	Rocket Companies, Inc.	RKT	RKT US	Mihir Bhatia
	TaskUs	TASK	TASK US	Cassie Chan
	Western Union	WU	WU US	Jason Kupferberg



# **IQ**method<sup>™</sup> Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) × (1 – Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

\*\*Menethod 3\*\*\*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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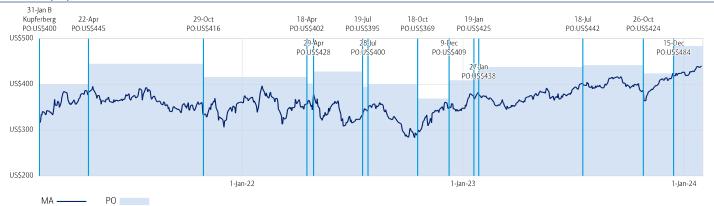
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# **Disclosures**

# **Important Disclosures**

#### Mastercard Inc (MA) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Technology Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	215	53.09%	Buy	111	51.63%
Hold	97	23.95%	Hold	45	46.39%
Sell	93	22.96%	Sell	24	25.81%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.

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# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

Buy	≥ 10%	≤ 70%
Neutral	≥ 0%	≤ 30%
Inderperform	N/A	> 20%

R2Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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