

RMBS

Data Source:	CAPIQ	Credit Rating:	0	Div. Yield:	0.00%
Consensus:	\$85 / \$77 / \$65	Credit Date:	1/0/1900	Div. Ex-Date:	TBD
52-wk H/L:	\$76.38 / \$43.19	Credit Watch:	0	ST Int. Ratio:	0.03
Beta (ßL):	1.15	10yr US T-bill:	4.24%	Implied Vol.:	% / .%
		SharpeRatio:	0.35		

Sector:	Information Technology
Industry:	Semiconductors
Industry ID:	IQ5466701
Employees:	623
Next Earnings:	4/30/2024



Company Description

Rambus Inc. provides semiconductor products in the United States, South Korea, Singapore, and internationally. The company offers DDR memory interface chips, including DDR5 and DDR4 memory interface chips to module manufacturers, OEMs, and hyperscalers; silicon IP, such as interface and security IP solutions that move and protect data in advanced data center, government, and automotive applications; and interface IP solutions for high-speed memory and chip-to-chip digital controller IP. It also provides a portfolios of security IP solutions, including crypto cores, hardware roots of trust, high-speed protocol engines, and chip provisioning te

Capitalization Detail

Share Price	\$62.09
Shares Out.	108
Market Cap.	6,699
- Cash, ST Inv.	426
+ Total Debt	31
+ Pref. Equity	0
+ Minority Int.	0
TEV	6,304

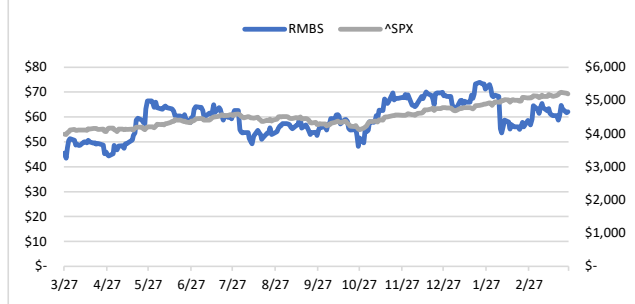
Price Estimates

Residual Inc.	\$63 CFs to FY2033
DCF	\$45 CFs to FY2028 + TV
Rel. Value	\$81 Based on Comps
Rel. Value	\$82 Based on LTM P/S
Rel. Value	\$81 Based on LTM EV/Sales
Rel. Value	\$86 Based on LTM EV/EBITDA
Rel. Value	\$93 Based on LTM EV/EBIT
Rel. Value	\$42 Based on LTM P/E

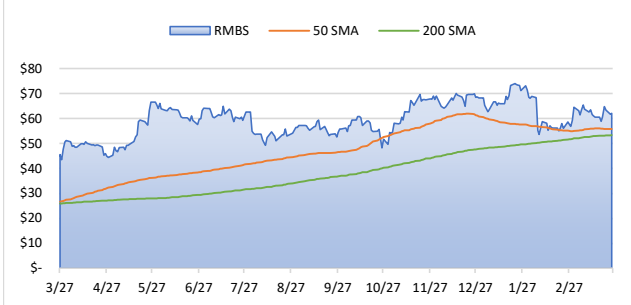
Multiples

	RMBS LTM	RMBS NTM	NTM Target	^SPX	Semiconductor:
P/S:	14.6x	11.0x	13x	\$76	0.0x
EV/Sales:	13.7x	10.3x	13x	\$79	3.2x
EV/EBITDA:	43.2x	21.4x	30x	\$86	16.5x
EV/EBIT:	68.9x	23.2x	35x	\$92	22.1x
P/E:	20.6x	30.1x	41x	\$73	27.2x
P/B:	6.5x				57.7x

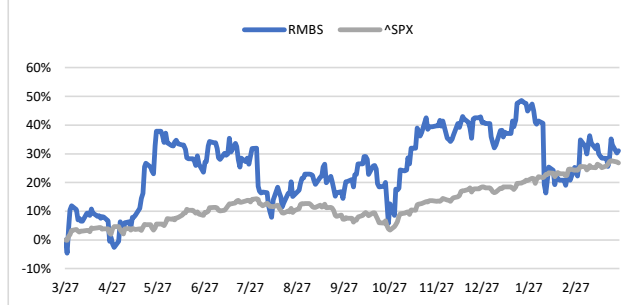
1-yr Historical Price vs Index



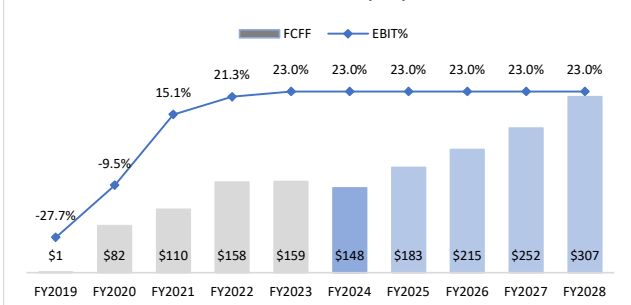
1-yr Historical Price w/ SMAs



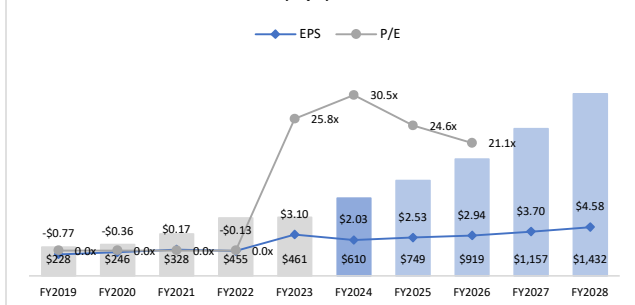
1-yr Log Return



Free Cash Flow (\$M)



Revenue, P/E, EPS Growth



Financial Ratios

Growth Metrics

5-yr Rev CAGR:	14.8%
1-yr NI:	
1-yr EPS:	
1-yr FCFF:	-1.2%
1-yr CFO:	-15.0%
FCF Margin:	23.6%

Profit Ratios

Gross Margin:	80.5%
EBITDA Marg.:	30.3%
Oper Margin:	19.8%
NI Margin:	72.4%
EPS:	0.58
Cash / Share:	0.88

Return Ratios

ROA:	5.0%
ROE:	36.7%
ROIC:	35.3%
Div. Pay Ratio:	0.00
WACC:	9.0%
EVA Spread:	9.5

Liquid / Solv. Ratios

Current Ratio:	7.1x
CFO-Cur Liab:	2.2x
Debt-Capital:	2.9x
N.Dbt-EBITDA:	NM
Int. Cov. Ratio:	61.4x
SGR:	36.7%

Working Capital Ratios

AR Days:	125
Inv Days:	116
AP Days:	74
Cash Conv:	166
GP Ratio:	Yes

B/(W)

Δ 35
Δ -38
Δ 18
Δ -21

Rambus Inc.
Income Statement Financials & Projections

	FY2019	FY2020	FY2021	FY2022	FY2023	LTM	NTM	FY2024	FY2025	FY2026	FY2027	FY2028
Revenue	228	246	328	455	461	461	610	610	749	919	1,157	1,432
Rev. Growth	-2%	8%	33%	39%	1%	1%	32%	32%	23%	23%	26%	24%
COGS	37	43	54	94	90	90	83	119	146	179	226	279
Gross Margin	191	203	274	361	371	371	527	491	603	740	931	1,153
% rev	84%	82%	84%	79%	81%	81%	86%	81%	81%	81%	81%	81%
OPEX	213	178	180	217	217	217	256	287	352	431	543	672
% rev	94%	72%	55%	48%	47%	47%	42%	47%	47%	47%	47%	47%
EBITDA	-22	25	94	144	155	140	294	205	251	308	388	480
Dep & Amort.	24	30	27	32	34	34	26	45	55	67	85	105
Amort.GW.	17	18	17	16	15	15	15	20	24	29	37	46
EBIT	-63	-23	50	97	106	92	271	141	173	212	267	330
% rev	-28%	-9%	15%	21%	23%	20%	44%	23%	23%	23%	23%	23%
Eff. Tax Rate	0%	0%	21%	0%	0%	0%	21%	21%	21%	21%	21%	21%
NOPAT	-63	-23	39	97	106	92	214	111	136	167	211	261

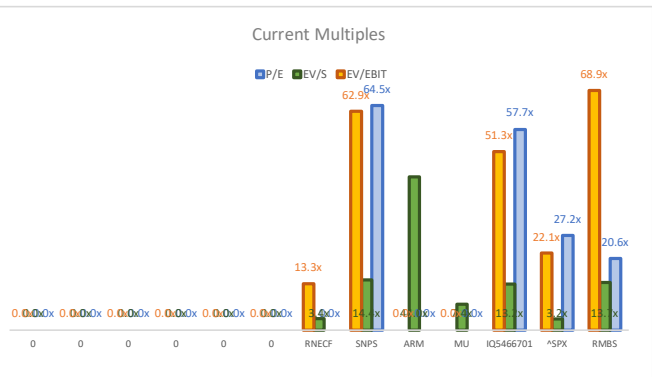
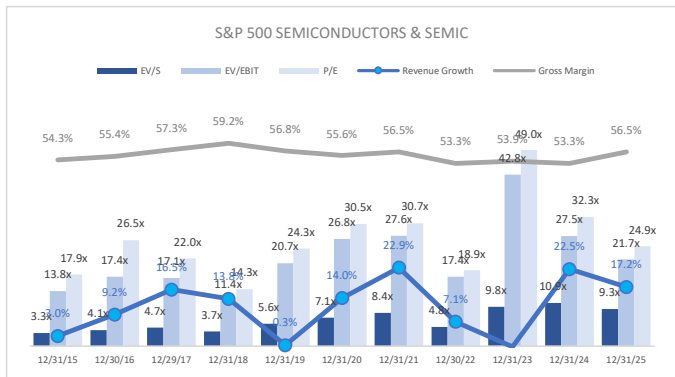
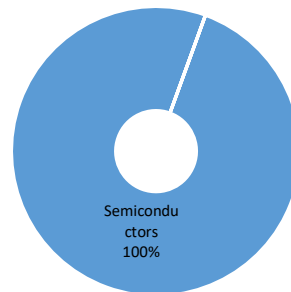
Balance Sheet Financials

	FY2019	FY2020	FY2021	FY2022	FY2023	LTM
Cash & ST Inv.	408	503	486	313	426	426
Working Cap.	578	614	417	401	542	542
Total Assets	1,343	1,251	1,233	1,013	1,258	1,258
Total Debt	195	195	199	44	31	31
Total Liabilities	368	339	370	233	220	220
Total Equity	975	913	862	779	1,038	1,038
Liab. & Equity	1,343	1,251	1,233	1,013	1,258	1,258

Discounted Cash Flows

	FY2019	FY2020	FY2021	FY2022	FY2023	LTM
NOPAT	-63	-23	39	97	106	92
-CAPEX	6	30	14	17	23	23
+Depr.&A.	24	30	27	32	34	34
+Amrt.GW.	17	18	17	16	15	15
+Other Amrt	0	0	0	0	0	0
+Equity Comp	26	26	27	36	45	45
- Δ NOWC	-4	-61	-13	4	18	0
FCFF	1	82	110	158	159	162

FY2023 - Rev \$461 - FCFF \$159



Relative Valuation

	RMBS	\$	6,304	1.15	\$	610	\$	0.88	24.4%	80.5%	44.5%	13.4x	13.3x	30.2x	35.0x	41.3x
ID	Company	EV	Beta (βL)	NTM Rev	Cash / Share	Rev Growth	GM %	Oper %	NTM P/S	NTM EV/S	EV/EBITDA	EV/EBIT	NTM P/E			
	RMBS	\$	6,304	1.15	\$	610	\$	0.88	24.4%	80.5%	44.5%	11.0x	10.3x	21.4x	23.2x	30.1x
1	MU	\$	136,302	1.24	\$	30,492	\$	7.24	66.5%	-0.3%	20.2%	4.3x	4.5x	10.6x	22.1x	25.9x
2	ARM	\$	129,373	0.00	\$	3,658	\$	1.51	24.5%	95.2%	43.1%	36.0x	35.4x	76.0x	82.0x	95.8x
3	SNPS	\$	88,566	1.06	\$	6,611	\$	7.34	7.8%	80.6%	37.1%	13.5x	13.4x	34.4x	36.1x	43.4x
4	RNECF	\$	32,644	0.00	\$	10,018	\$	1.74	-3.9%	56.8%	33.5%	0.0x	0.0x	0.0x	0.0x	0.0x
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