



TPC Semiconductor Market Survey

April 19, 2022

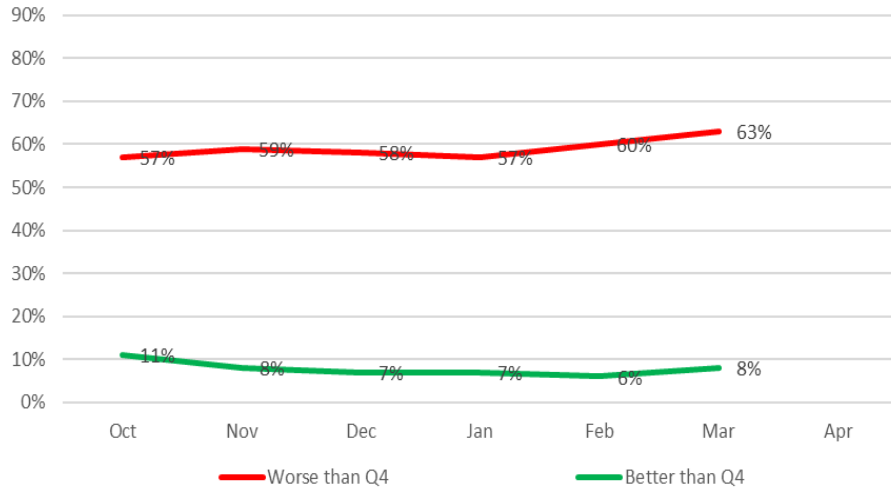
TPC March/April 2022 Survey Summary

*Survey Date: 4/12-15 Respondents: ~8,650 Location: Worldwide (~80% Asia) Who: Active Electronics Industry Professionals
Response Composition (multiple choices): Industrial 40%, Auto 21%, Comm 19%, Computing 19%, Mobile 28%, Data Ctr 16%, Other 17%*

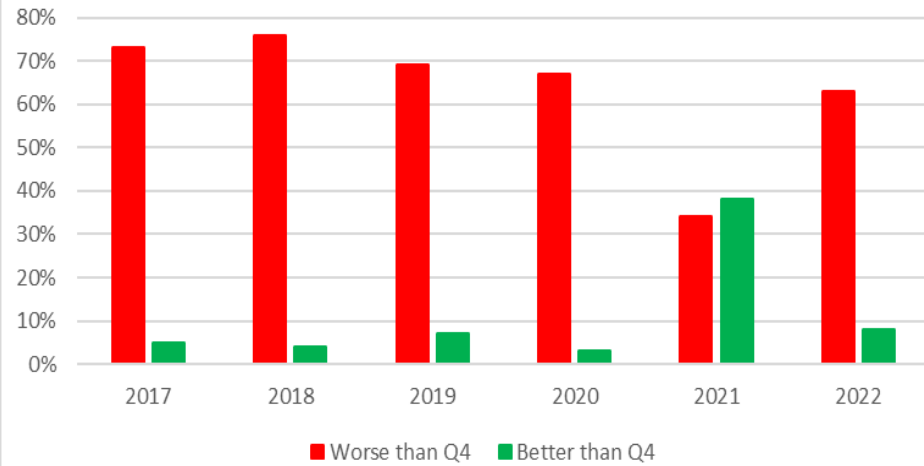
- We recently completed our monthly survey (~8,650 respondents) which saw a marked weakening across both C1Q22's and C2Q22's outlook for growth, seasonality, and bookings.
- Our C1Q22 outlook shows a return to more normal pre-COVID expectations, with seasonality roughly in line with CY18 & 19. However, the bookings outlook for C1Q22 is far weaker.
- Our C2Q22 outlook also shows a return to more normal pre-COVID expectations, with the bookings outlook for C2Q22 weaker.
- The survey showed C1Q22 weakening slightly vs. last month with 63% seeing the quarter being weaker vs. 60% previously; while 8% see it as better vs. 6% last month.
- The survey showed C2Q22 outlook also weakening with 42% expecting q/q growth vs. 45% previously; while 26% see it as weaker vs. 22% last month.
- Backlog cancellation expectations (slide 7) continues to show negative trends.
- Key product inventory and availability (slide 8) showed improvement in availability across all key products and are now at nominal levels.
- Inventories growth outlook (slide 9) showed inventories rising for both C1Q and C2Q.

Q/Q Demand Growth Outlook

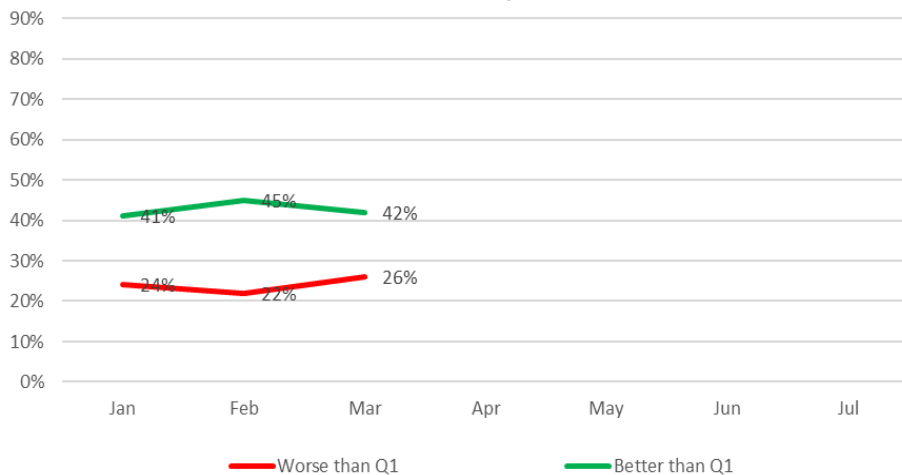
C1Q22 Growth Expectations



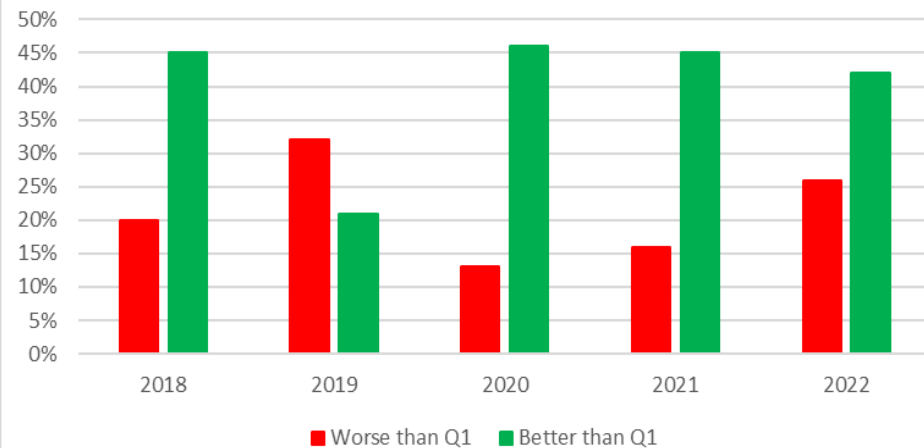
C1Q Growth Expectations vs. C4Q



C2Q22 Growth Expectations

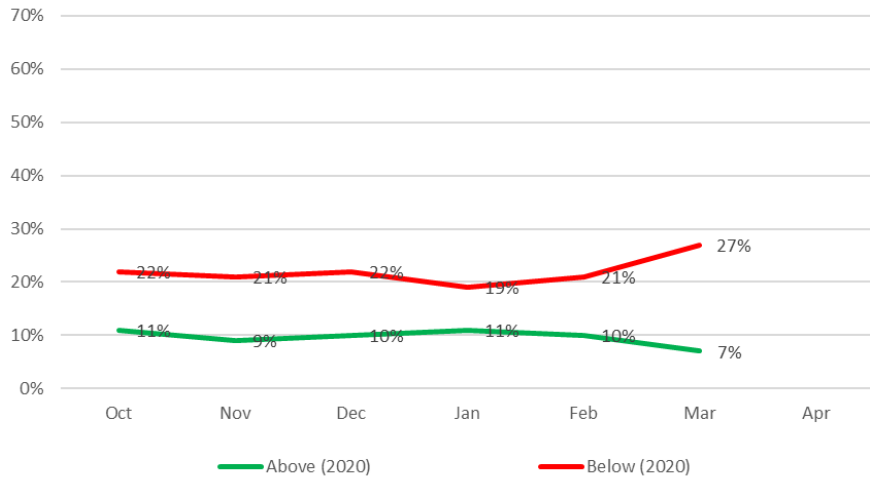


C2Q Growth Expectations vs. C1Q

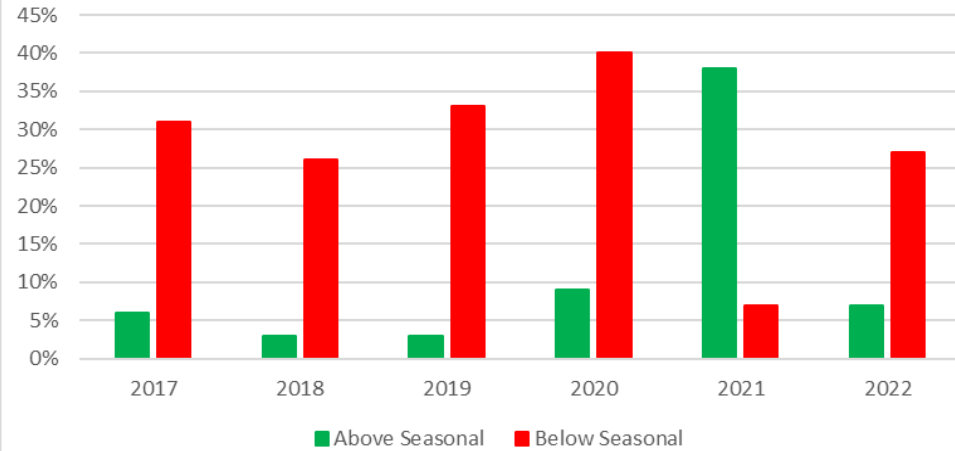


Q/Q Seasonality Expectations

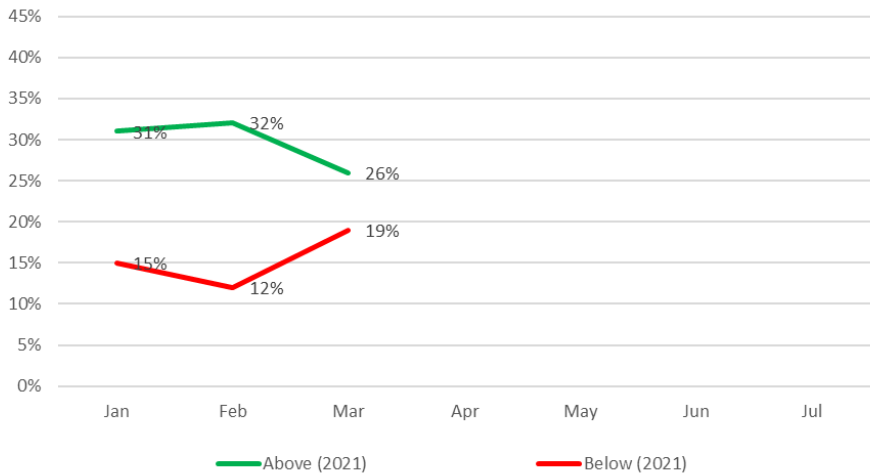
C1Q22 Seasonality Expectations



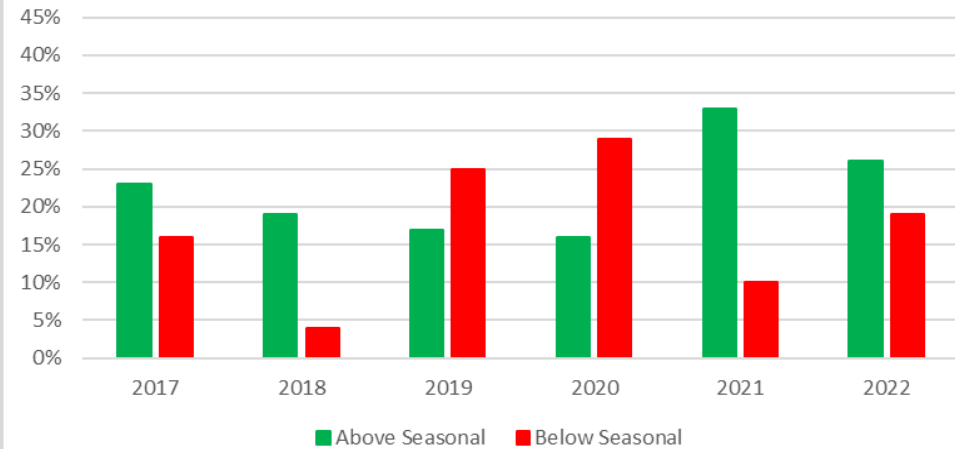
C1Q Seasonality Expectations



C2Q22 Seasonality Expectations

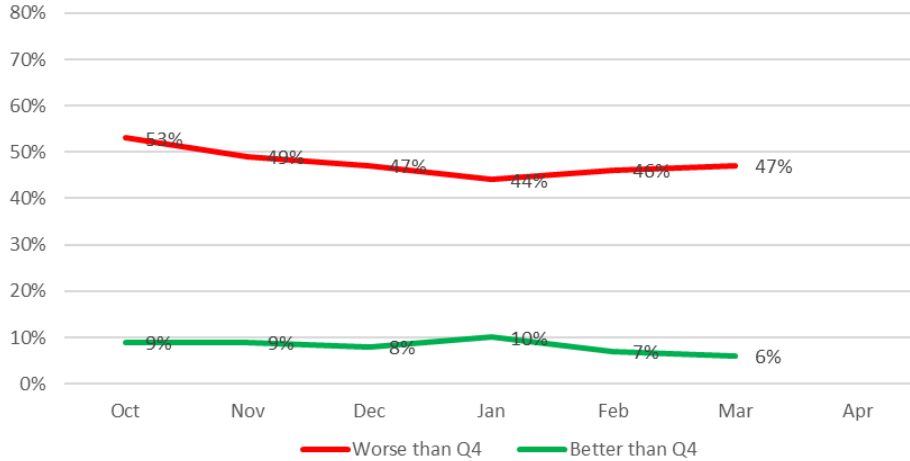


C2Q Seasonality Expectations

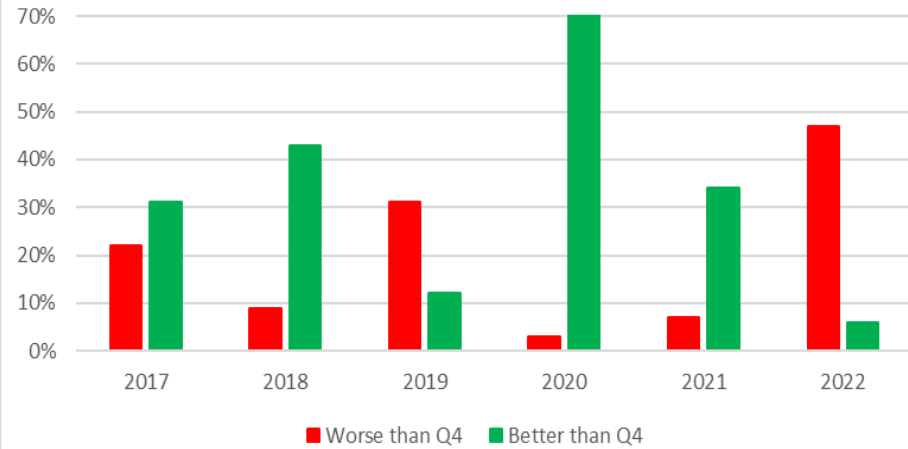


Q/Q Bookings Growth Expectations

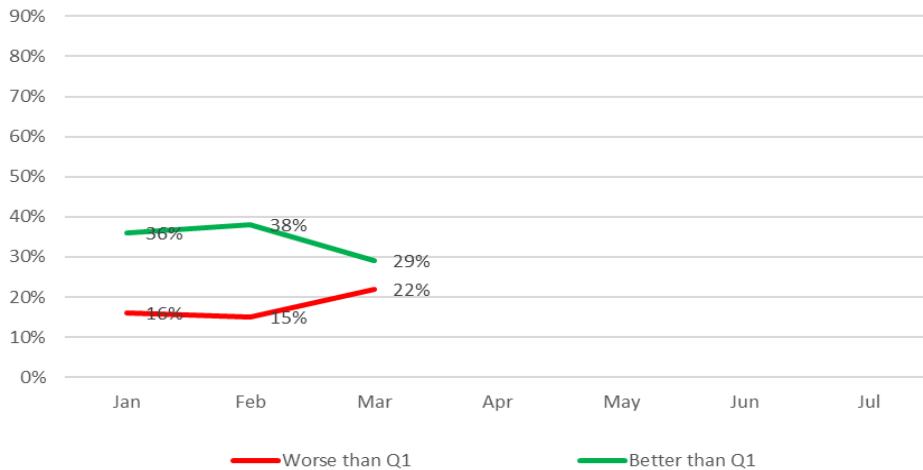
C1Q22 Bookings Expectations



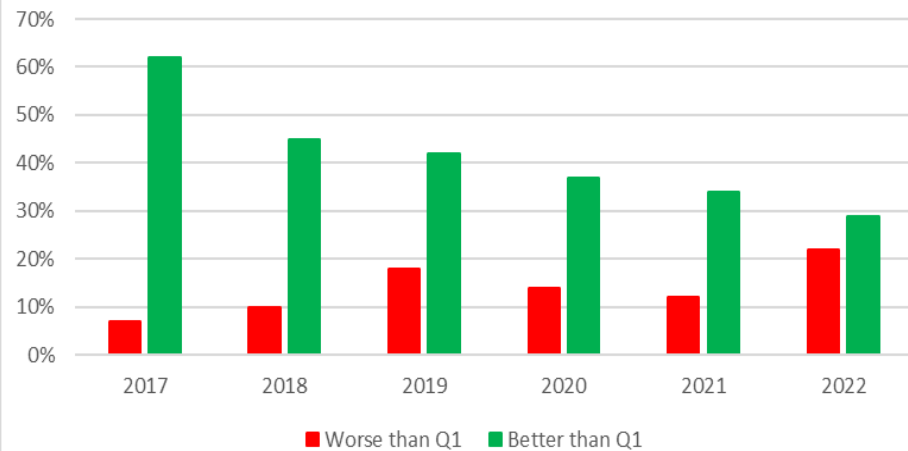
C1Q Bookings Expectations



C2Q22 Bookings Expectations

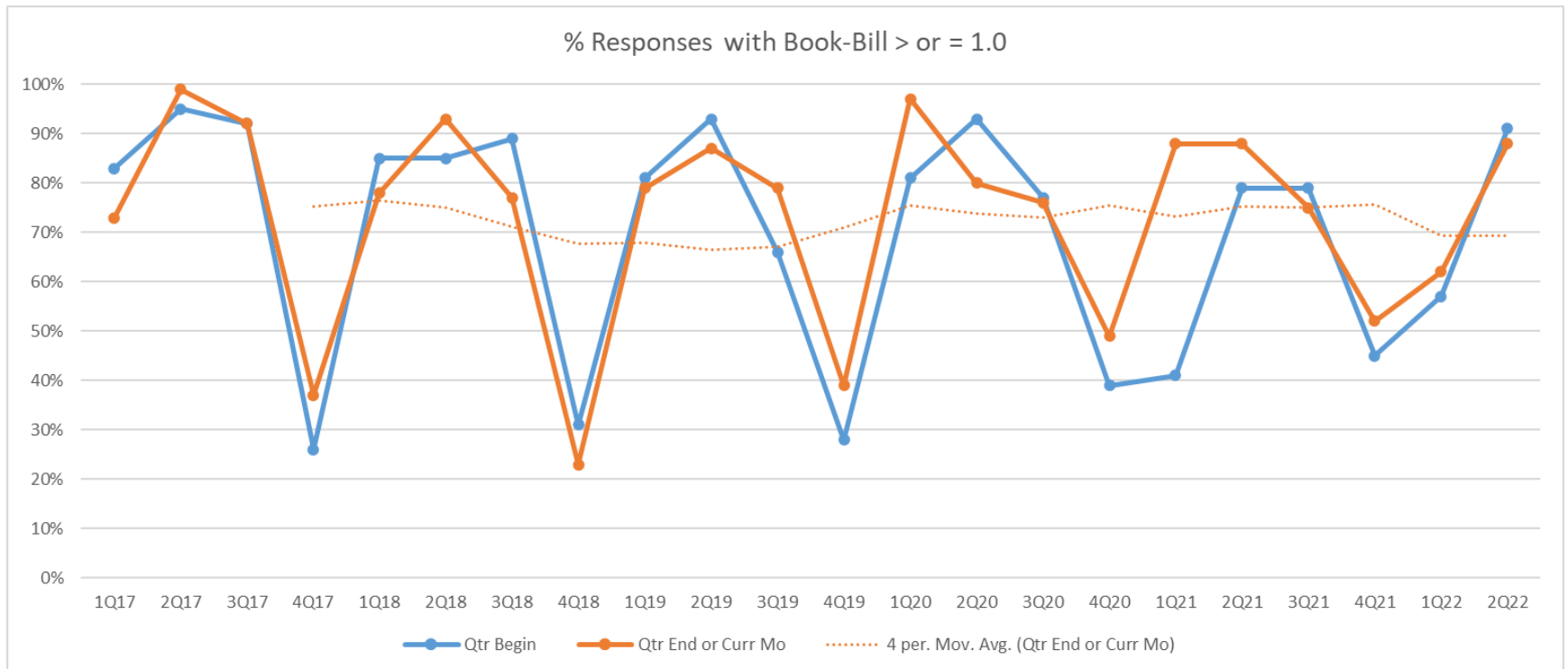


C2Q Bookings Expectations



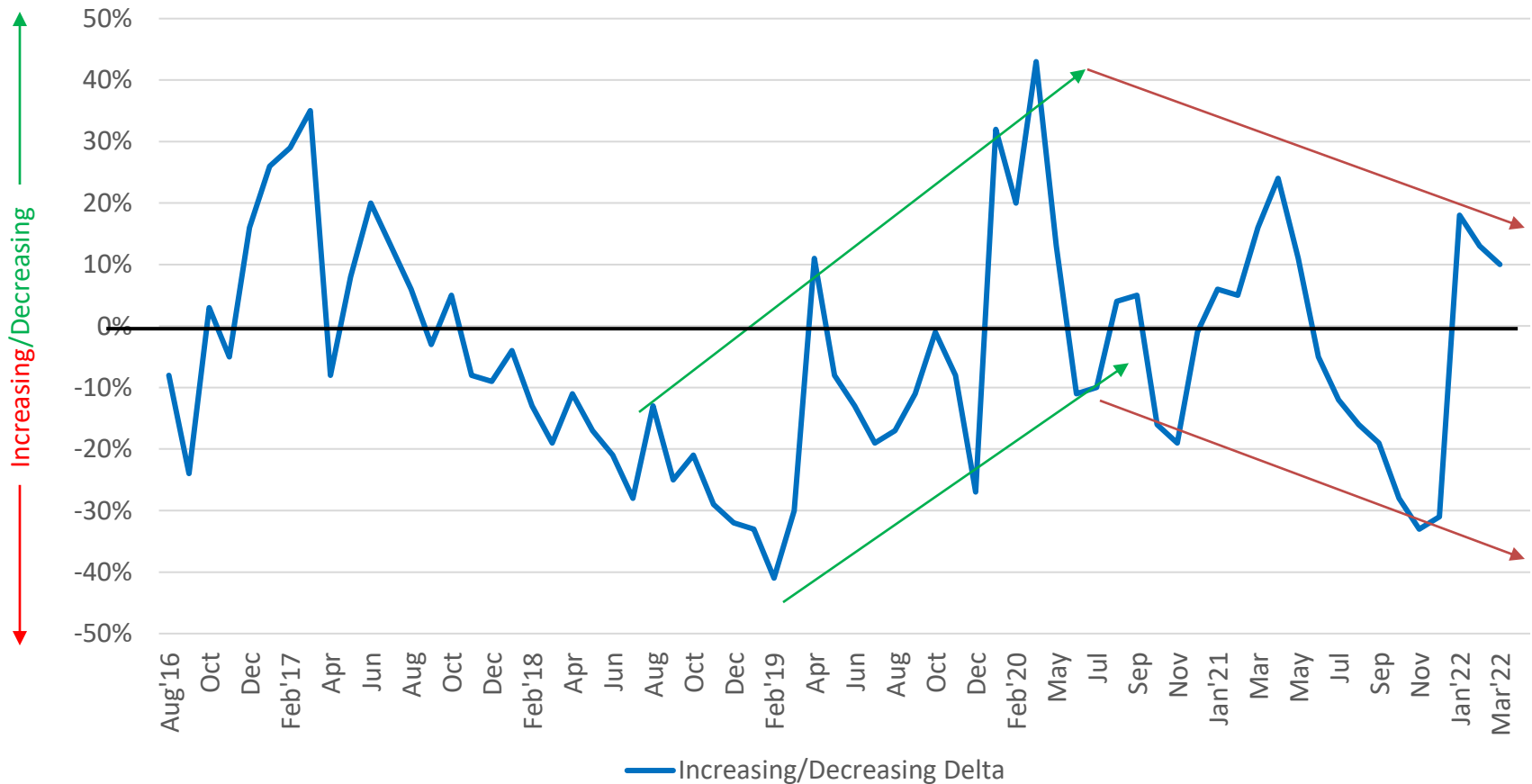
Book to Bill History & Trends

(Calendar quarters)



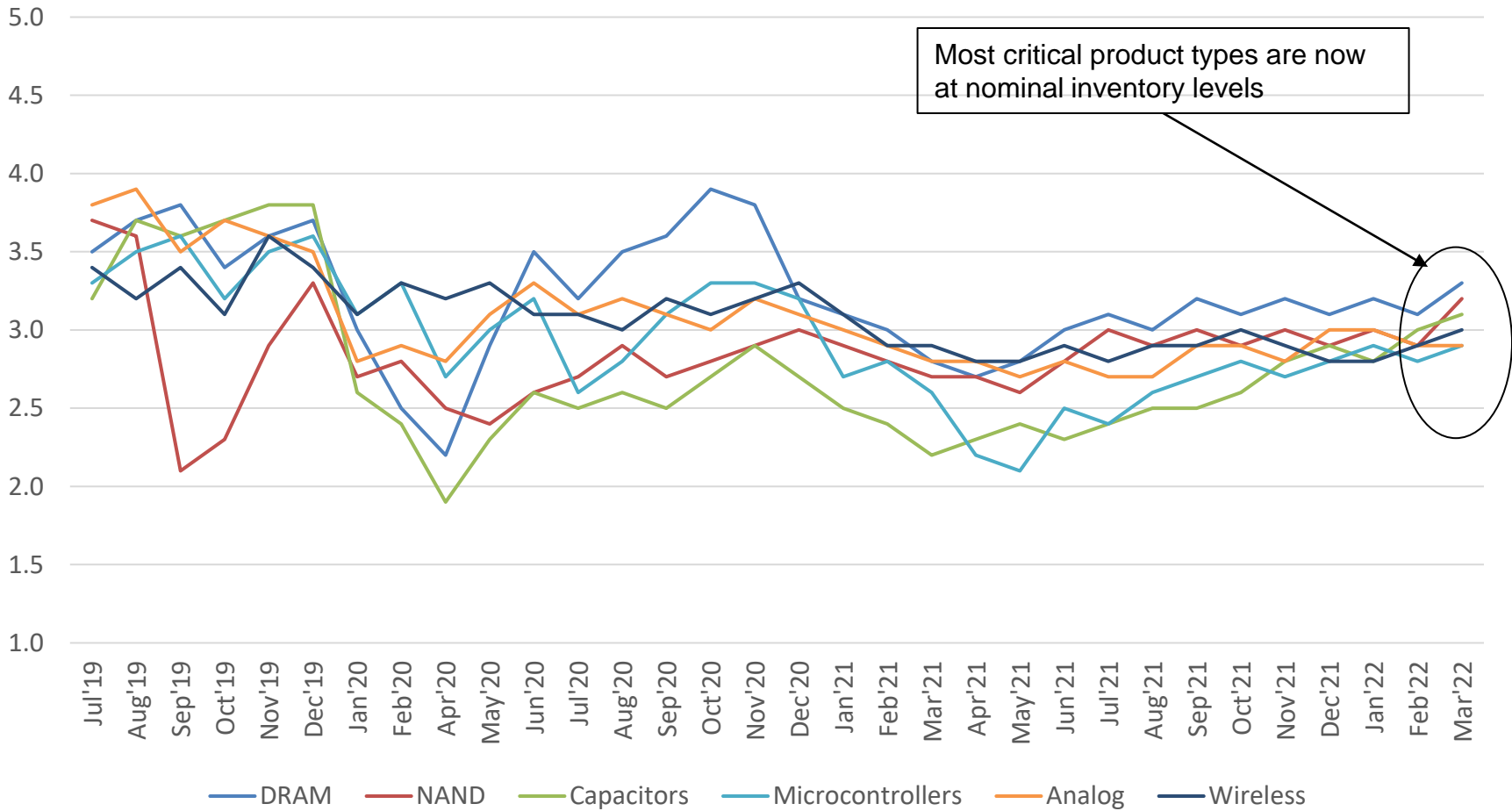
Backlog Order Push Outs/Cancellations vs. 30 Days Ago

(Delta between increasing and decreasing cancellations – Higher % is more positive)



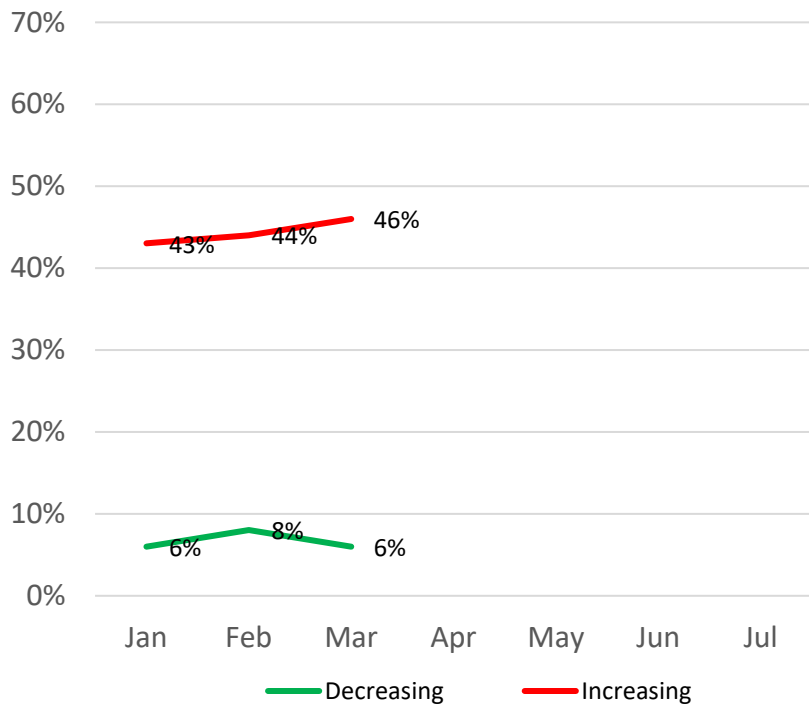
Inventory Status

(Using a scale of 1 to 5 with 1 being extremely low inventory, 3 being the normal amount, and 5 being extremely high; how do you view inventory levels for the following products?)

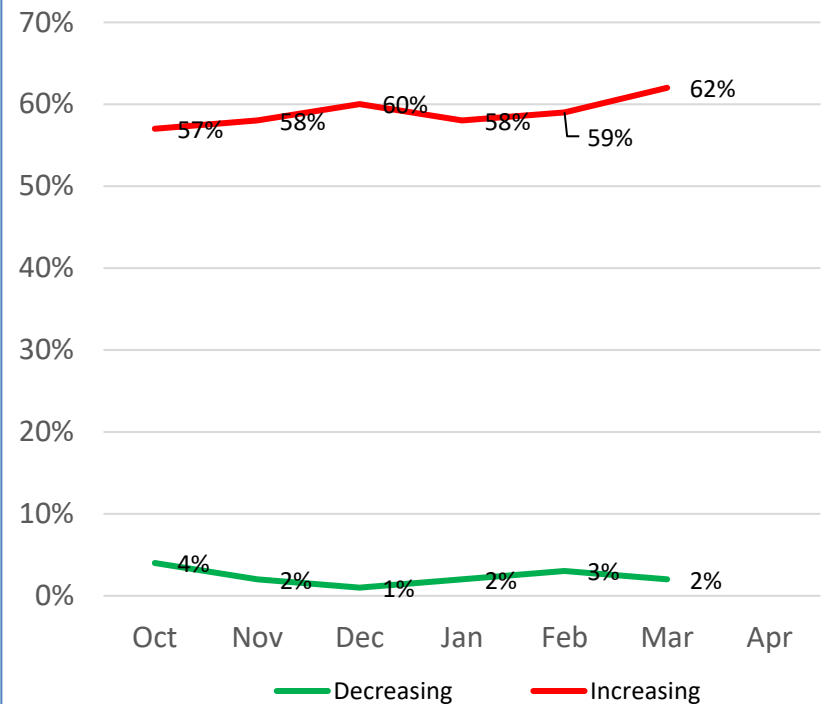


Q/Q Inventory Growth

C2Q22 Inventories vs. C1Q22

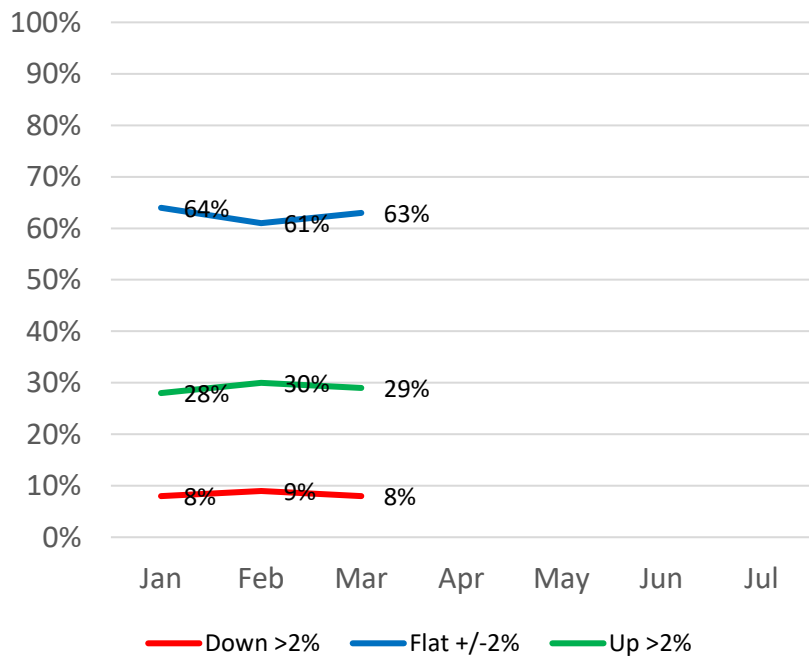


C1Q22 Inventories vs. C4Q21

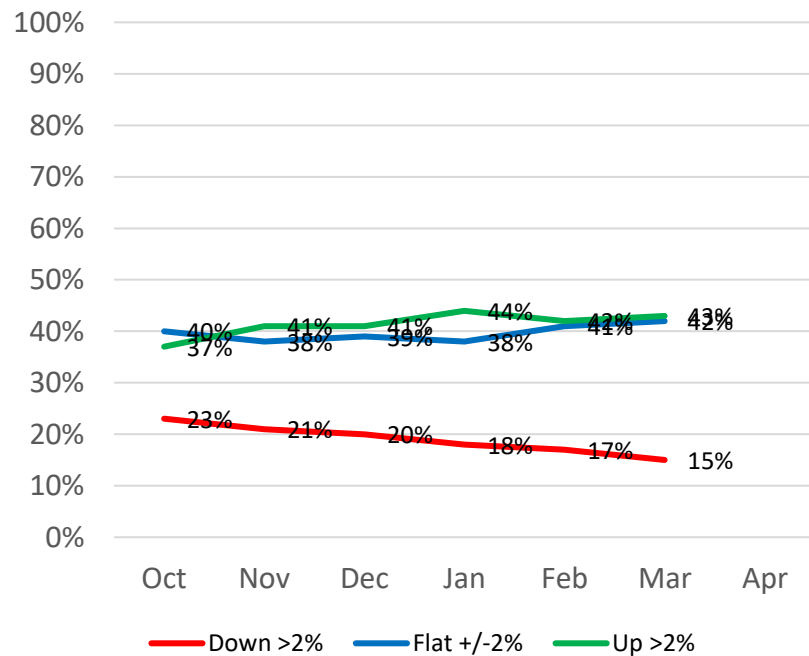


Q/Q Pricing Trends

C2Q22 Pricing vs. C1Q22



C1Q22 Pricing vs. C4Q21



Vertical Outlook

