TPC March 2021 Survey Summary

Survey Date: 3/7-9  Respondents: ~8,600  Location: Worldwide (~80% Asia)  Who: Active Electronics Industry Professionals
Response Composition (multiple choices): Industrial 39%, Auto 20%, Comm 20%, Computing 19%, Mobile 29%, Data Ctr 20%, Other 12%

• We recently completed our monthly survey (~8,600 respondents) which continued to see improvements in both C1Q21 and C2Q21 growth expectations. Seasonality also continues to be much better than in the previous 4 years. The bookings outlook for both C1Q and C2Q also improved.

• End customers have become more comfortable with higher inventory levels (as well as wanting additional inventory in some products) due to product availability getting tighter. This is being driven by demand (especially in the Auto and Mobile sectors) being strong and will the thought it will likely remain strong throughout the year and into at least early CY21.

• The survey showed a growth outlook for C1Q21 remain roughly the same vs. last month with 24% expecting q/q growth vs. 25% previously and only 43% see it as weaker vs. 44% last month. The C2Q outlook improved with 57% expecting q/q growth vs. 54% previously; while only 14% see it as weaker vs. 21% last month.

• The survey showed improvement in bookings for C1Q21 with 30% expecting improving bookings vs. C4Q compared to 21% last month; while 9% now expect weaker bookings vs. 11% last month. Bookings outlook for C2Q21 improved significantly with 44% expecting improving bookings vs. C1Q compared to 25% last month.

• Backlog cancellation expectations (slide 7) continues to show decreasing cancellations over the past 3 months.

• Availability of critical parts continues to trend towards less availability especially in Micro Controllers and Capacitors.

• Pricing has been on a 3+ month trend of increasing due to tighter product availability, with C2Q responses indicating continued increases in pricing.
Q/Q Demand Growth Outlook

C1Q Growth Expectations

C1Q Growth Expectations vs. C4Q

C2Q Growth Expectations

C2Q Growth Expectations vs. C1Q
Q/Q Seasonality Expectations

C1Q Seasonality Expectations

C2Q Seasonality Expectations

TPC Proprietary
Q/Q Bookings Growth Expectations

C1Q Bookings Expectations

C2Q Bookings Expectations

March 2021

TPC Proprietary
Book to Bill History & Trends
(Calendar quarters)
Backlog Order 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?)

DRAM and Capacitors are showing significantly less availability over the past 3 months.
Q/Q Inventory Growth

C2Q21 Inventories vs. C1Q21

C1Q21 Inventories vs. C4Q20
Q/Q Pricing Trends

C2Q21 Pricing vs. C1Q21

C1Q21 Pricing vs. C4Q20
The outlook for Communications continues to be above previous years while Auto continues to erode.