



SURGE UPDATE

Q1 2020

A black banner with white text and a blue globe graphic. The globe is composed of a network of blue lines and nodes, with a blue 'i' icon in the center. The text '2020' is written in a large, white, sans-serif font, with the globe positioned behind the second '0'. Below '2020', the word 'WELCOME' is written in a smaller, white, sans-serif font.

2020
WELCOME

Welcome to 2020!

With the holiday season behind us and all eyes forward into a new year, we are very proud to reflect on the new and exciting things that happened at Surge Components in 2019.

New personnel, new reps, new products and consistent expansion are among the highlights in this 39th year of business for Surge.





New V-Chip SMD Electrolytic Capacitor

The V-series electrolytic capacitors are loaded with high performance and operating tolerances. Click on the links below to view technical info and design specifications.

[VUP](#) - 125°C. Up to 3,000 hrs. For automotive applications.

[VUJ](#) - 150°C. Highest temp rating. For automotive applications.

[VGB](#) - 105°C. Bipolarized. For audio applications.

[VZU](#) - Ultra low ESR. Up to 5,000 hrs. For power applications.



New Application Guides

Surge is among the top three global SCR and TRIAC suppliers with one of the most sophisticated wafer fab production capabilities in the world. [View our SCR & Triac Application Guide.](#)

Did you know Surge now offers a competitive line of switches for automotive applications and more? The lineup includes DIP, LED and TACT styles.

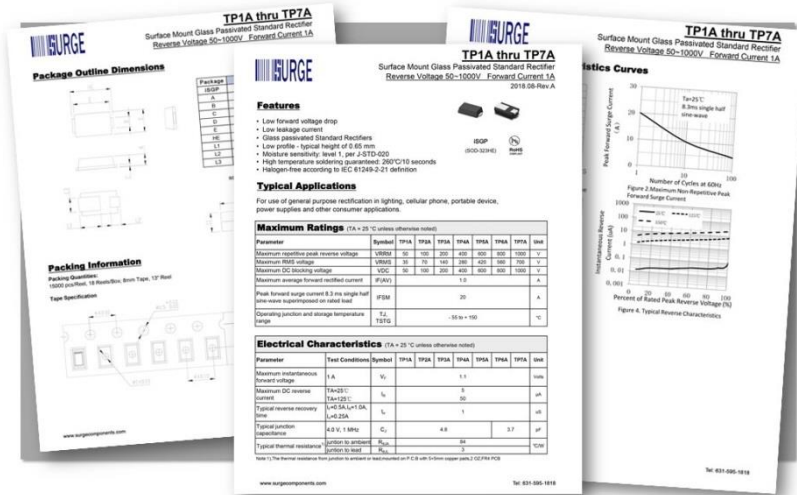
[STCK](#) Waterproof (3.9 x 2.9 x 1.6)

[ST7B](#) Low Profile SMT (7.5 x 7.0 x 0.6)

[STAH](#) Waterproof SMT (4.2 x 3.2 x 2.5)

[View the Switch Application Guide.](#)





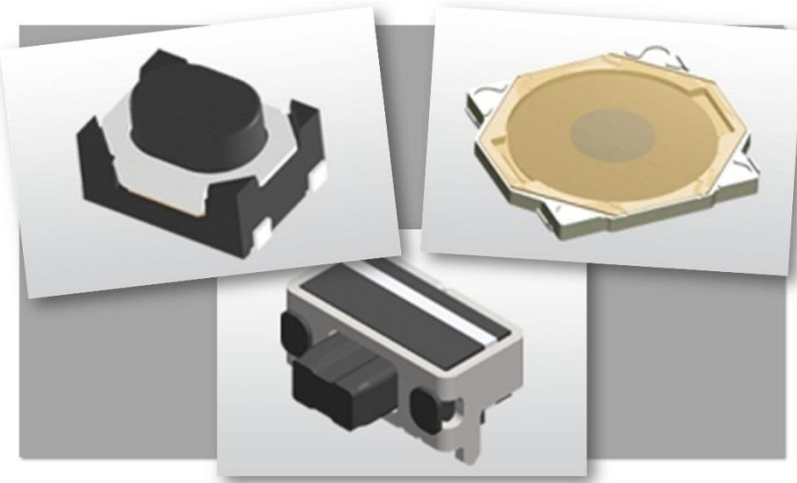
New Products

Surface Mount Glass Passivated Standard Rectifiers

- New iSGP package
- Low forward voltage drop
- Low leakage current
- Low 0.65 mm profile
- Moisture sensitivity: level 1, per JSTD-020

New TACT Switches Added to Product Offering

- [STCK](#) Waterproof (3.9 x 2.9 x 1.6)
- [ST7B](#) Low Profile SMT (7.5 x 7.0 x 0.6)
- [STAH](#) Waterproof SMT (4.2 x 3.2 x 2.5)





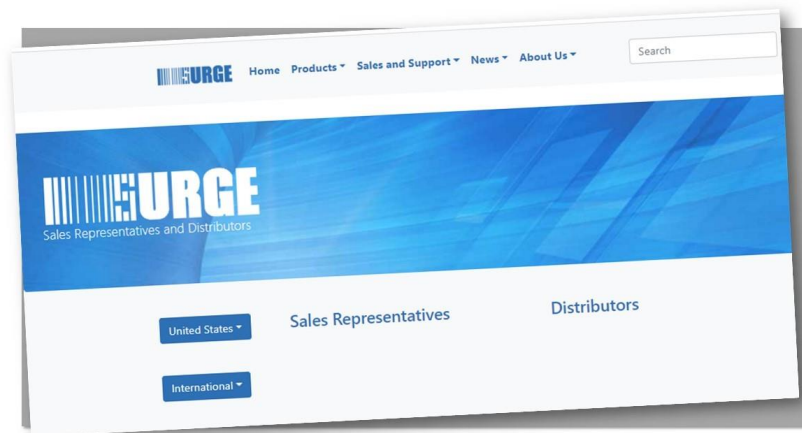
New Regional Support

New Sales Executive for Silicon Valley

There's no disputing how important Silicon Valley and the West Coast are to the electronics industry and for Surge. It comes with great pride for us to announce our newest resource to the region - Angel Wu, Sales Executive, Santa Clara, CA.

New Representatives

Surge has made some exciting rep changes and additions. Need to find a rep in your territory? Use our new [digital directory](#) available online to see who's covering your state or country in our ever-expanding domestic and international sales channel.



Global Expansion Trend Continues

Surge continues to expand its presence worldwide. In South America, we continue to have success with our sales representative Tradecomp to increase our foothold in Brazil. We have also seen a consistent expansion in revenue with our local distribution partners Avnet and Future Electronics throughout Brazil.

Meanwhile in Asia, we continue to see more and more business opportunities converting into revenue as the Surge brand continues to be recognized as a preferred line among customers on that continent.





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