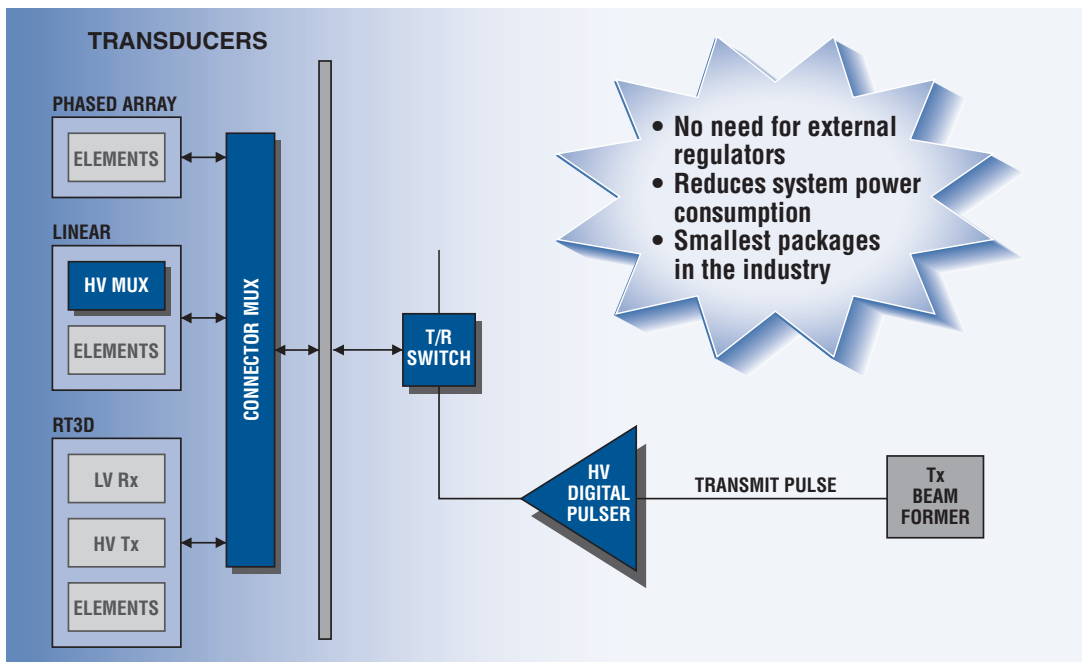




High-voltage integrated pulsers and switches save space and reduce power consumption

Ideal for portable ultrasound equipment applications



Improvements over competitive solutions

Dual high-voltage, 1.3A/2A digital pulsers (MAX4806-MAX4808*, MAX4810-MAX4812*)

- Over 50% lower power consumption than the competition.
- 25% greater output-voltage range than the competition
- Integrated diode circuitry enables five-level pulsing in a single package
- Guaranteed lower jitter compared to the competition
- Better matching of pulse rise/fall times
- Superior design eliminates need for costly floating regulators

8-/16-channel, high-voltage multiplexers (MAX4800-MAX4802, MAX14800*-MAX14803*)

- Over 30% lower leakage than the competition
- Over 30% faster switch turn-on/off times than the competition
- Integrated overvoltage protection for clamping voltage overshoots

*Future product—contact factory for availability.

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www.avnet.com



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