



Power Integrity Chips

Product Overview



Power Supply Noise Limits Your Products Performance

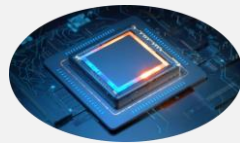
TransSiP PI provides a solution that can unlock your product's full potential

Based on the discovery of a new dimension in noise resident in the time domain, TransSiP's patented noise elimination chips empower the full potential of your ideas and your products.



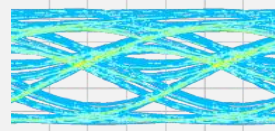
Energy Saving

25% to as much as 100X Less



Processor Runtime

25% Less



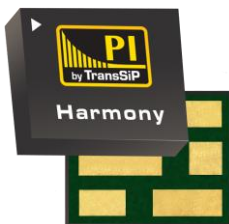
Signal Clarity

10dB Higher



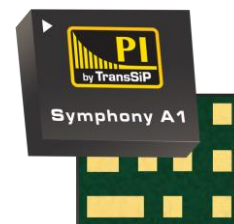
Accuracy

10X Better



Harmony PI Filter

- ▶ Operates from near DC to 6 GHz (min.)
- ▶ Saves 90% PCB space compared to conventional filtering solutions
- ▶ Eliminates 80% filtering BOM
- ▶ 6V, 5A rating
- ▶ Passive, < 50mΩ DC series resistance



Symphony A1 Buck Converter

- ▶ Low-noise, low-jitter power source
- ▶ Switchable V_{OUT1} and V_{OUT2} voltages
- ▶ V_{OUT} from 0.5V min. to 3.6V max.
- ▶ I_{OUT} 150 mA
- ▶ 200nA quiescent current

Applications:

- Enables true low-noise for LDO and DC-DC power supplies
- Power distribution network (PDN)
- GNSS, Clock Circuits, Computing, Wireless, RF, Microwave, Optical, Audio
- EMI and EMC Compliance

Contact Us





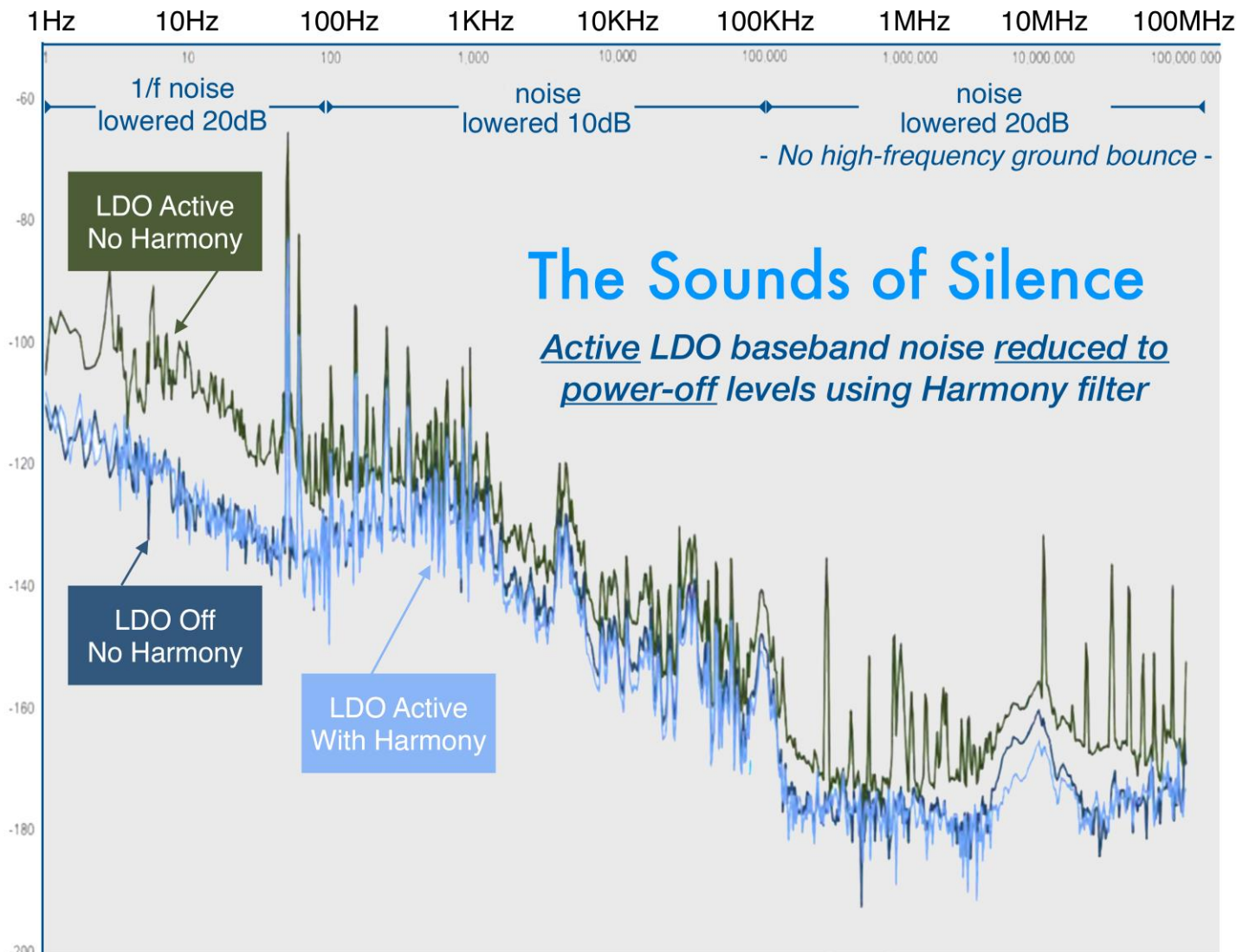
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More Info



No more tradeoffs between

- ▶ Noise
- ▶ Efficiency
- ▶ Performance



Source: an operational test by a defense entity to measure AXX7150 baseband noise (an ultra-low noise and high PSRR LDO) in their radio system under real-world conditions. Reproduced by permission.



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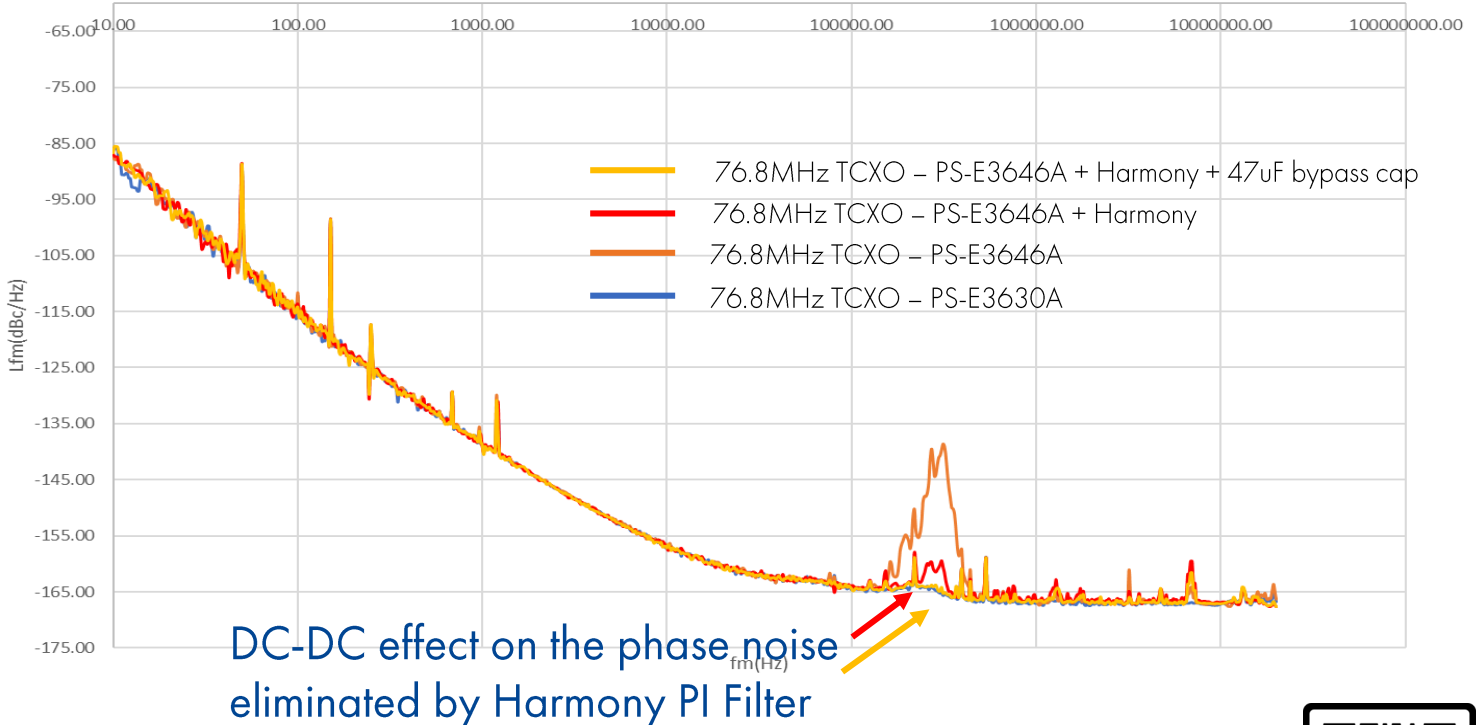
More Info



- Free 1-hour consultation - Let us help with your noise challenge!

- ▶ Overall circuit noise
- ▶ Power integrity
- ▶ Noise on feedback and sensing circuits
- ▶ DC-DC conversion noise
- ▶ Power Distribution Network (PDN) noise

DC-DC Power Supply Effect on 76.8MHz TCXO having an Internal LDO



Standard Consulting Rate: ~~\$5000~~ for 10 hours
\$3000

Contact us for this special offer-





contactus@transsip.com

