

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC  
(d/b/a ON SEMICONDUCTOR),  
Petitioner

v.

POWER INTEGRATIONS, INC.,  
Patent Owner

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Case IPR2016-00809  
Case IPR2016-00995  
Case IPR2016-01589  
Case IPR2016-01597

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**PATENT OWNER POWER INTEGRATIONS'  
OPPOSITION TO MOTION TO STAY**

OPPOSITION TO MOTION TO STAY

**EXHIBIT LIST IPR2016-00809**

<b>Exhibit No.</b>	<b>Description</b>
PI2001	Intentionally omitted.
PI2002	Intentionally omitted.
PI2003	Intentionally omitted.
PI2004	Intentionally omitted.
PI2005	Completed verdict form, Dkt. No. 551, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., dated Mar. 4, 2014.
PI2006	Completed damages verdict form, Dkt. No. 918, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., dated Dec. 17, 2015.
PI2007	Trial testimony of Dr. Gu-Yeon Wei offered by Defendants, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., on Feb. 20, 2014.
PI2008	Continued trial testimony of Dr. Gu-Yeon Wei offered by Defendants, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., on Feb. 24, 2014.
PI2009	Trial testimony of Dr. Arthur Kelley offered by Patent Owner, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., on Feb. 24, 2014.
PI2010	Deposition of Balu Balakrishnan, In the Matter of: Certain power supply controllers and products containing the same, Investigation No. 337-TA-541, United States International Trade Commission, from Oct. 25, 2005.
PI2011	Xunweu Zhou et al., “Improved Light Load Efficiency for Synchronous Rectifier Buck Converter,” in 1 Fourteenth Annual Applied Power Electronics Conference and Exposition, IEEE, at 295 (2000) (“Zhou”).
PI2012	U.S. Patent No. 4,459,651 to Fenter (“Fenter”).
PI2013	U.S. Patent No. 4,772,995 to Gautherin et al. (“Gautherin”).
PI2014	Fairchild’s renewed motion for judgment as a matter of law, new trial, and/or remittitur pursuant to Federal Rules of Civil Procedure 50 and 59, Dkt. No. 596, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-

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	MMC, N.D. Cal., filed Jun. 27, 2014.
PI2015	Power Integrations' opposition to Fairchild's renewed motion for judgment as a matter of law, new trial, and/or remittitur, Dkt. No. 601, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., filed July 18, 2014.
PI2016	Order re: Post-trial motions, Dkt. No. 632, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., entered Sep. 9, 2014.
PI2017	Excerpts from Mohan et al., Power Electronics: Converters, Applications, and Design, 2d ed., John Wiley & Sons, Inc., 1995, pp. 161-172, 301-353, 571-595.
PI2018	Agreement and Plan of Merger, by and among ON Semiconductor Corporation, Falcon Operations Sub, Inc., and Fairchild Semiconductor International, Inc., dated as of Nov. 18, 2015, and filed with the Securities and Exchange Commission on same date.
PI2019	Complaint for Patent Infringement, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., filed Nov. 4, 2009.
PI2020	Joint Case Management Statement, Dkt. No. 38, in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., filed Feb. 26, 2010.
PI2021	Excerpts from Gray et al., "Analysis and Design of Analog Integrated Circuits, 3d. Ed., John Wiley & Sons, Inc., 1993, pp. 59-66.
PI2022	Press release by Fairchild, "Fairchild Announces Successful Completion of Tender Offer for System General," dated Feb. 8, 2007.
PI2023	Tender Offer Statement, filed with the United States Securities and Exchange Commission, dated Feb. 19, 2016.
PI2024	Tender Offer Statement, filed with the United States Securities and Exchange Commission, dated June 24, 2016.
PI2025	Press Release by ON Semiconductor, "ON Semiconductor to Acquire Fairchild Semiconductor for \$2.4B in Cash," dated Nov. 18, 2015.
PI2026	Confidentiality Agreement, between ON Semiconductor Corp. and Fairchild Semiconductor International, Inc., Sep. 14, 2015, filed with the Securities and Exchange Commission as Exhibit (d)(2) to a Tender Offer Statement filed Dec. 4, 2016.

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PI2027	Transcript of Teleconference between the Board and Parties on July 13, 2016
PI2028	Declaration of Howard G. Pollack in Support of Patent Owner's Motion for Pro Hac Vice Admission's
PI2029	Declaration of Frank E. Scherkenbach in Support of Patent Owner's Motion for Pro Hac Vice Admission
PI2030	Deposition of Dr. Vijay Madiseti conducted on Nov. 16, 2016 in IPR2016-00809.
PI2031	Declaration of William Bohannon.
PI2032	Declaration of David Michael Matthews.
PI2033	E-mail correspondence between counsel in IPR2016-00809 regarding Petitioner's disclosure of merger closing before trial institution.
PI2034	Patent Owner e-mail request to Board for permission to file motion for discovery related to privity issue sent Nov. 2, 2016.
PI2035	One Watt Initiative: A Global Effort to Reduce Leaking Electricity, Meier & LeBot (1999).
PI2036	President Bush Executive Order 13221. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1819]
PI2037	Meier, "Reducing Leaking Electricity to a Trickle," Home Energy Magazine Online May/June 1999. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1895]
PI2038	Reducing Standby Power Consumption, Tso-Min Chen (System General). [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1833]
PI2039	"W the Vampire Slayer," Richard Minter, Wall Street Journal, Aug. 17, 2001. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1900]
PI2040	Datasheet for TOP242-249 TOPSwitch®-GX Family: Extended Power, Design Flexible, EcoSmart®, Integrated Off-line Switcher, Nov. 2005. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-0121]
PI2041	Power Integrations press release for TOPSwitch®-GX. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et

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	al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1669]
PI2042	Power Integrations press release on analogZone award for DAK-32. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-0278]
PI2043	Datasheet for TOP232-234 TOPSwitch®-FX Family Power, July 2001 [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-0123]
PI2044	SG6841 Datasheet. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-0118]
PI2045	List of all Fairchild products found to infringe the '079 patent. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1894]
PI2046	Application Note AN4148: Audible Noise Reduction Techniques for FPS Applications, Fairchild Semiconductor, © 2005. [Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal., admitted trial exhibit PX-1593]
PI2047	William Bohannon, curriculum vitae.
PI2048	Patent Owner's Submitted Translation of Oda.
PI2049	Energizer No. E91 Datasheet.
PI2050	Everready Lithium L91 Application Manual, Nov. 6, 2001.
PI2051	Cambridge Dictionary, "function." Retrieved November 18, 2016 from <a href="http://dictionary.cambridge.org/us/dictionary/english/function">http://dictionary.cambridge.org/us/dictionary/english/function</a>
PI2052	"Function." Merriam-Webster.com. Merriam-Webster, n.d. Web. 17 Nov. 2016. ( <a href="https://www.merriam-webster.com/dictionary/function">https://www.merriam-webster.com/dictionary/function</a> )
PI2053	function. (n.d.). Dictionary.com Unabridged. Retrieved November 18, 2016 from Dictionary.com website <a href="http://www.dictionary.com/browse/function">http://www.dictionary.com/browse/function</a>
PI2054	Trial testimony given on Dec. 8, 2015 (Volume 2) in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et al., Case No. 09-cv-05235-MMC, N.D. Cal.
PI2055	Trial testimony given on Dec. 9, 2015 (Volume 3) in Power Integrations, Inc. v. Fairchild Semiconductor International, Inc. et

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