



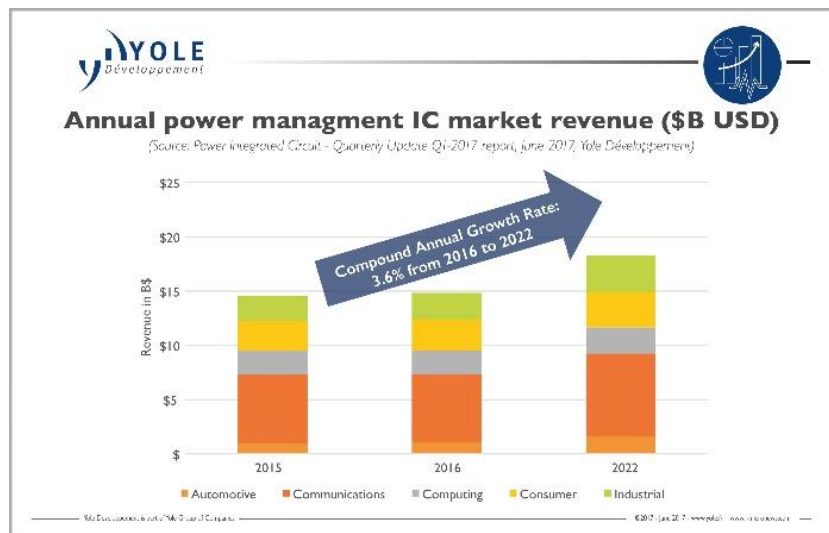
即时发布：

功率集成电路：Yole Développement 提出统一跟踪市场数据

2017 功率集成电路 – 季度最新资讯 – Yole Développement

法国里昂 – 2017 年 6 月 27 日：截止 2022 年，功率集成电路¹市场收益将达到 180 亿美元，[Yole Développement \(Yole\)](#) 报道称。在其名为 [2017 电源集成电路 – 季度最新资讯](#) 的最新全球市场调查数据库中，“More than Moore” 市场调查及战略咨询公司预测，功率集成电路细分市场将受益于多个主要终端市场；2016 至 2020 年间，有望实现 3.6%² 的复合年增长率。Yole 分析师评论称，此番市场演变符合整体半导体行业的总体健康发展态势。

这是 Yole 首次以新形式就与功率集成电路相关的五大主要终端市场提供统一跟踪信息，并对 2017 年第 1 季度到 2018 年第 4 季度进行季度预测。



[2017 电源集成电路 – 季度最新资讯](#) 是 XLS 和 PPT 格式的强有力结合，根据细分市场、组成部门及参与者展示出最新数据。在此季度最新资讯中，Yole 团队着眼于包括五大重要市场（汽车、通信、计算机、消费品和工业）在内的众多行业。“在功率集成电路最新资讯中，共有 43 个终端市场，超过 10 个主要组成部门，消费者可以查看每一个终端市场和组成部门的发货量以

¹ IC：集成电路

² CAGR：复合年增长率

及收益的详细数据。” Yole 高级分析师兼业务发展经理 Jonathan Liao 如是说。

此最新数据库还能分析主要功率集成电路企业的市场定位： AOS 美国万代半导体、亚德诺半导体、Dialog Semiconductor、Diodes、富士电机、英飞凌、Intersil、IXYS、凌力尔特公司、光宝科技、MagnaChip、Maxim Integrated、联发科和 Microchip... Yole 在日历年度结束之后，每年都会随即推出行业前 20 强企业。除整体市场份额外，[2017 电源集成电路 - 季度最新资讯](#)还尽可能详细指明组成部门市场的相关份额。

Annual unit shipment forecast by end market - Extract
(Source: Power Integrated Circuit - Quarterly Update Q1-2017 report, June 2017, Yole Développement)

Unit: M.U.	Sum of Y2015	Sem of Y2016	Sum of Y2017	Sem of Y2018	Sum of Y2019	Sum of Y2020	Sem of Y2021	Sum of Y2022
Automotive	92	95	108	117	126	135	144	153
Body & Convenience	15	15,5	18	19,5	21	22,5	24	25,5
Chassis & Safety: ADAS	15	15,5	18	19,5	21	22,5	24	25,5
Chassis & Safety: Other	15	15,5	18	19,5	21	22,5	24	25,5
Infotainment	15	15,5	18	19,5	21	22,5	24	25,5
Other Automotive	15	15,5	18	19,5	21	22,5	24	25,5
Power Train	15	15,5	18	19,5	21	22,5	24	25,5
Communications	150	165	180	195	210	225	240	255
Carrier Ethernets: Switches & Routers	15	15,5	18	19,5	21	22,5	24	25,5
Carrier Ethernet: Battery Charger	15	15,5	18	19,5	21	22,5	24	25,5
Enterprise Ethernet: Switches & Routers	15	16,5	18	19,5	21	22,5	24	25,5
Enterprise Networks	15	16,5	18	19,5	21	22,5	24	25,5
Feature Phones	15	16,5	18	19,5	21	22,5	24	25,5
Low-Tier Consumer/SOHO Routers	15	16,5	18	19,5	21	22,5	24	25,5
Mobile Tablets	15	16,5	18	19,5	21	22,5	24	25,5
Mobile Infrastructure	15	16,5	18	19,5	21	22,5	24	25,5
Other Communications	15	16,5	18	19,5	21	22,5	24	25,5
Smartphones	15	16,5	18	19,5	21	22,5	24	25,5
Computing	115	125	135	145	155	165	175	185
Computing Battery Charger	15	15,5	18	19,5	21	22,5	24	25,5
Desktops	15	15,5	18	19,5	21	22,5	24	25,5
Flat Panel Monitors	15	15,5	18	19,5	21	22,5	24	25,5
Notebooks	15	15,5	18	19,5	21	22,5	24	25,5
Other Computing	15	15,5	18	19,5	21	22,5	24	25,5

Yole 已涉足功率半导体行业数年之久。除功率半导体外，公司还涉足光子学、汽车、医疗技术、发光二极管、电池管理等诸多领域。

“我们的目标是调动所有的内部专家和市场分析能力与知识，为客户创造可用产品。” Yole Développement 动力电子设备、复合半导体、电源与电池管理业务部门经理 Pierrick Gueguen 博士如是说。并且，[2017 电源集成电路 - 季度最新资讯](#)是 Yole 创建的第一个季度数据库，提供功率市场的全面概述。

本功率集成电路数据库将初级调查和次级调查结果相结合。从初级调查方面来看，Yole 分析师参加了所有大型展销会，并收集到关于新产品推介和技术研发的第一手资讯。此外，广泛的联系网能够使公司与业内人事定期面谈，以深入了解市场。从次级调查方面来看，Yole 将来自 WSTS（世界半导体贸易统计组织）的销售数据、设备拆卸、单位出货、财务公告和公司收益表，以及 Yole 的所有活动相结合，以构建最为准确的数据库。

有关 [2017 电源集成电路 - 季度最新资讯](#) 的详细描述，请在 i-micronews.com 动力电子设备报告部分中查看。

About [Power Integrated Circuit 2017 – Quarterly Update](#):

In the post smartphone expansion era, power management ICs look to the automotive and industrial market to spur growth in 2017. – This database has been performed by Yole Développement (Yole) part of Yole Group of Companies.

Companies cited in the database:

Alpha and Omega Semiconductor, Analog Devices, Dialog Semiconductor, Diodes, Fuji Electric, Infineon Technologies, Intersil, IXYS, Linear Technology, Lite-On Semiconductor, MagnaChip, Maxim Integrated, MediaTek, Microchip, Microsemi, Monolithic Power Systems, NXP, ON Semiconductor, Panasonic Corporation, Power Integrations, Qualcomm, Renesas Electronics Corporation, Ricoh, ROHM Semiconductor, Samsung, Sanken Electric Company, Semtech, Shindengen, STMicroelectronics, Texas Instruments, Toshiba, Vishay Intertechnology

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Jonathan Liao is a Senior Analyst & Business Development Manager at Yole Développement (Yole). Jonathan is leading the quarterly power management market updates. In addition, he performs technology & market reports for gate driver, discrete, module, compound semiconductors, and power management IC. Before joining Yole, Jonathan served as a power electronics Sr. Analyst at IHS Markit. Within a global semiconductor business ecosystem, financial analyses and power management scouting were part of his mission. Prior to IHS, he was a product engineer at Microchip Technology Inc. During this period, Jonathan gained a strong expertise in analog & mixed signal devices. Jonathan Liao earned his Master of Science (AZ, USA) and graduated with a Bachelor of Science (PA, USA).

**About Yole Développement – www.yole.fr**

Founded in 1998, Yole Développement has grown to become a group of companies providing marketing, technology and strategy consulting, media and corporate finance services. With a strong focus on emerging applications using silicon and/or micro manufacturing, the Yole Développement group has expanded to include more than 50 collaborators worldwide covering MEMS, Compound Semiconductors, RF Electronics, LED, Displays, Image Sensors, Optoelectronics, Microfluidics & Medical, Advanced Packaging, Manufacturing, Nanomaterials, Power Electronics and Batteries & Energy Management.

The “More than Moore” company Yole, along with its partners System Plus Consulting, PISO, Blumorpho and KnowMade, support industrial companies, investors and R&D organizations worldwide to help them understand markets and follow technology trends to grow their businesses.

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