Compte Rendu de la réunion du Comité d'Entreprise du 26 octobre 2015
La composition de l'assemblée était la suivante :

Représentants de la Direction	
Yolande De Busschop, Présidente (excusée)	Sophie Baquié, Administration Ressources Humaines (excusée)
Carolina De Landsheer, Directrice des Ressources Humaines EMEA	
Représentants du Personnel	
Titulaires	Suppléants
Carl Van Baelen	Aurore Weiss, Trésorière (excusée)
	Fabien Foulon
Olivier Martinez, Secrétaire adjoint	Philippe Andre
Pascal Tournier, Secrétaire	Julie Athanassiadis, Trésorière adjointe
Thierry Viard	
Délégués Syndicaux	
Olivier Martinez, CFE-CGC	Myriam Combes, CFDT

Ordre du jour :

Approbation du compte rendu de la réunion mensuelle du 26 octobre 2015.

Evolution générale des commandes et de la situation financière, exécution des programmes de production – information.

Prévoyance :
présentation des résultats techniques 2014 communiqués par Humanis
point sur les discussions consécutives à l'appel d'offre effectué en 2015
information sur la couverture extra contractuelle pour 2016

Approbation du nouveau règlement intérieur du CE

Présentation du projet de « Corporate Garden » par Fabien Foulon

Approbation du compte rendu de la réunion mensuelle du 26 octobre 2015.

Le compte rendu est approuvé

Evolution générale des commandes et de la situation financière, exécution des programmes de production – information.

Présentation de la corporation faite par Patrice Levent.
L'organisation n'a pas changé pour l'instant. Image Sensor commence à avoir un poids important avec une bonne tendance sur ce groupe. Sur une année complète les sensors font plus que SSG. Part prépondérante de l'automobile. La distribution a augmenté sans doute dû à une partie du business Image sensor qui passe par la distribution.
L' EBITDA est bon. La société fait de l'argent. L'échéancier de dette va être complètement revu avec l'acquisition de Fairchild.
Q4 va être plus difficile. Le Q1 habituellement fort est plus bas que l'année dernière.
Aujourd'hui nous ne voyons pas encore d'effet « Wolkswagen ». nous nous attendons à le voir plus tard dans l'année.
ONSEMICONDUCTOR 3.6 M FAIRCHILD 1.6M. Nous sommes plus dans l'automobile que Fairchild. Fairchild, reputation « Power House », forte présence dans l'industriel. De nombreux recouvrements, entre autres dans le mobile avec des portefeuilles très proches dans le power management au niveau des Buck, Boost et Buck-Boost. Au niveau discret, position de n°2 désormais. Si on retire les fabricants de mémoire, on passe de la position n°13 à n°10, objectif de Keith Jackson.
Au niveau de l'intégration, objectifs de réduction de coûts sur le « general administrative », les usines et la R&D. Prévision à 18 mois d'un EBITDA à 900 Millions.
Position de n°2 sur les images sensor. ONSEMICONDUCTOR (Cypress), True Sense et Aptina. Fort pourcentage dans le consumer, puis automotive et l'industriel. Aptina s'est plus focalisé sur ce dernier secteur.

Prévoyance

Présentation du document ppt par Sophie Baquie
Comparatif entre AON et d'autres sociétés du portefeuille d'AON.
AON charge à 15% comme le faisait Humanis à 15%. Ceci résulte d'une négociation entre Humanis et AON pour que ce taux reste inchangé lorsqu'il y a eu le passage de Humanis à AON. Humanis reste l'assureur et AON le courtier et gestionnaire désormais.
Ratio de sinistralité à 86%. On est un bon compte pour l'assureur. Nous rapportons plus que ce que nous coûtons. Nous avons une cotisation famille dont 130 enfants sont pris en charge.

Le CE fait remarquer que dans certaines sociétés, il est possible pour le salarié de ne pas prendre la mutuelle dans la mesure où son conjoint a déjà une mutuelle qui couvre la famille par ailleurs.
ONSEMICONDUCTOR a une mutuelle familiale obligatoire. Certaines sociétés ont des cas dérogatoires. Ceci n'est pas prévu aujourd'hui dans l'accord de mutuelle chez ONSEMICONDUCTOR. L'individualisation à travers des dérogations peut présenter des risques en cas de licenciement du conjoint par exemple. Cela pourrait également modifier les tarifs.
Par rapport au portefeuille des sociétés gérées par AON, les remboursements des consultations spécialistes sont plus élevés pour ONSEMICONDUCTOR. Les frais d'optique sont moins bien remboursés. Une négociation est en cours pour voir si on peut augmenter le remboursement pour les montures ainsi qu'obtenir un barème différent pour les verres simples et les plus sophistiqués. Certains actes sont également prévus de ne plus être remboursés (ostéopathie, pilule contraceptive, patch). Certains de ces points de régression sont également en cours de négociation pour être maintenus.
Un changement d'assureur en 2016 ne serait pas opportun car le nouveau contrat devrait respecter le nouveau « contrat responsable ». Ce contrat serait moins intéressant que l'actuel en particulier par rapport au remboursement des dépassements d'honoraires, l'optique. Il aurait fallu prendre une extension pour garantir la couverture actuelle. Ce changement aura lieu en 2018 quoiqu'il arrive, mais en attendant il est préférable de conserver le contrat actuel éventuellement renégocié sur certains points mentionnés ci-dessus.

Approbation du nouveau règlement intérieur du CE

Le règlement intérieur est approuvé.

Présentation du projet de « Corporate Garden » par Fabien Foulon

Voir la présentation ppt.
Le CE est en charge financière de tout le projet.
Le but est une activité sociale et collective et également de développer ses compétences en jardinage.
L'activité de jardinage est essentiellement prévue à la pause du déjeuner. L'arrosage pourra se faire en début ou fin de journée.
La direction doit faire le tour des intervenants (staff, corporate, Olivier Vannier) avant de donner sa réponse.

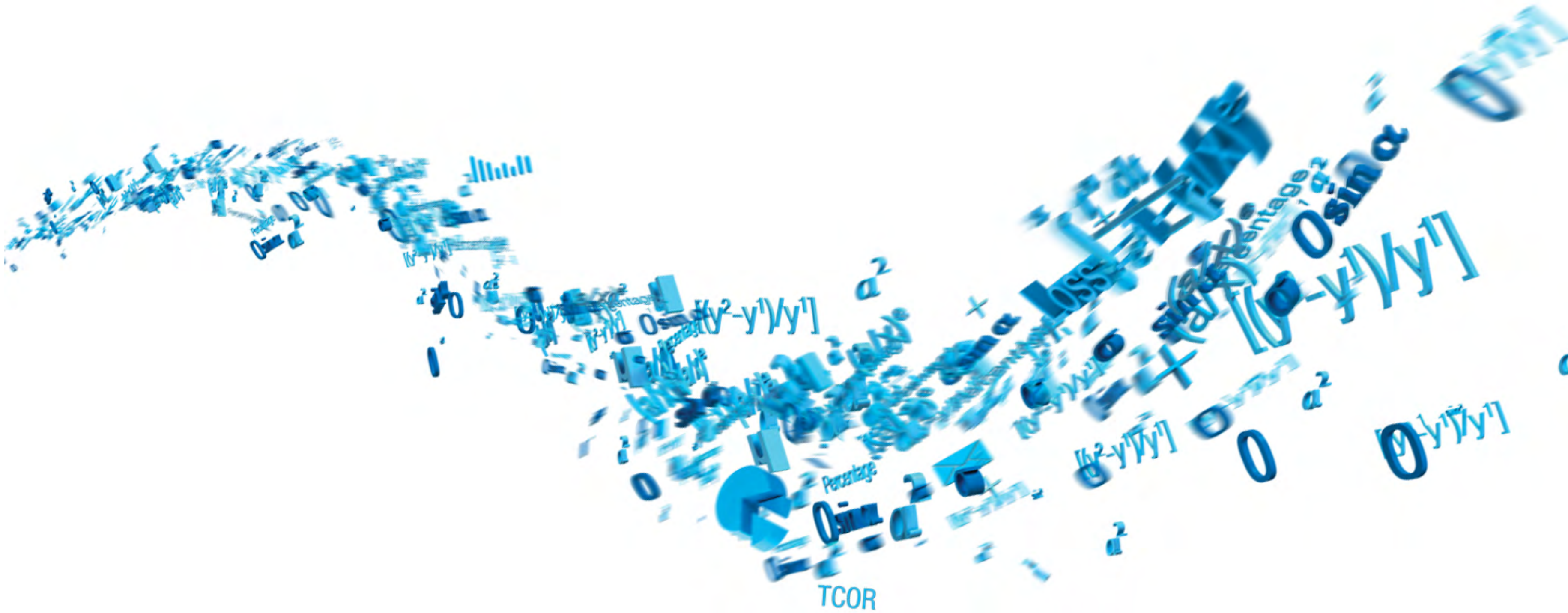
Suite question DP sur le tri sélectif.

Le CE précise que la mairie met à disposition de l'entreprise des containers pour le tri. Elle se charge du retrait des containers. La direction doit refaire le point avec Olivier Vannier sur le sujet.

Toulouse le 27 juillet 2015,

Yolande De Busschop — Pascal Tournier

Présidente — Secrétaire



Résultats frais de santé

ON SEMI CONDUCTOR

Exercice de survenance 2014

Statistiques arrêtées au : 31/05/2015

Empower Results®

Sommaire

Paramètres

- Période d'observation du risque : 3 exercices
- Dernier exercice de survenance étudié : Exercice de survenance 2014
- Date d'arrêté : Statistiques arrêtées au : 31/05/2015
- Taux de chargements :

	Taux assureur	Taux conseil	Taux gestion	Taux
2014	3.00%	5.00%	7.00%	15.00%

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Périmètre d'étude

Regroupement	Maison mère	Filiale	CSP	Activité	Niveau	Cotisations	Compagnie
ensemble du personnel	ON SEMICONDUCTOR SAS	ON SEMICONDUCTOR SAS	Ens. du pers.	ANI	Base	NR	NOVALIS
ensemble du personnel	ON SEMICONDUCTOR SAS	ON SEMICONDUCTOR SAS	Ens. du pers.	Actif	Base	NR	NOVALIS

Synthèse

	Surv. 2013		Surv. 2014
Ratios de sinistralité		→	86%

Evolutions entre 2013 et 2014

Nombre de salariés
Cotisations nettes
Prestations

	Poids du poste	Rbts Aon par famille	Fréquence par famille	Coût moyen par acte
Principales augmentations en points de S/P *				
Principales diminutions en points de S/P *				

** Impact par rapport à 2013*

Pour les prothèses dentaires, les fréquences et coûts moyens sont ceux des couronnes.

Démographie

Ventilation des assurés

	Surv. 2014
Homme	84
Femme	23
TOTAL	107

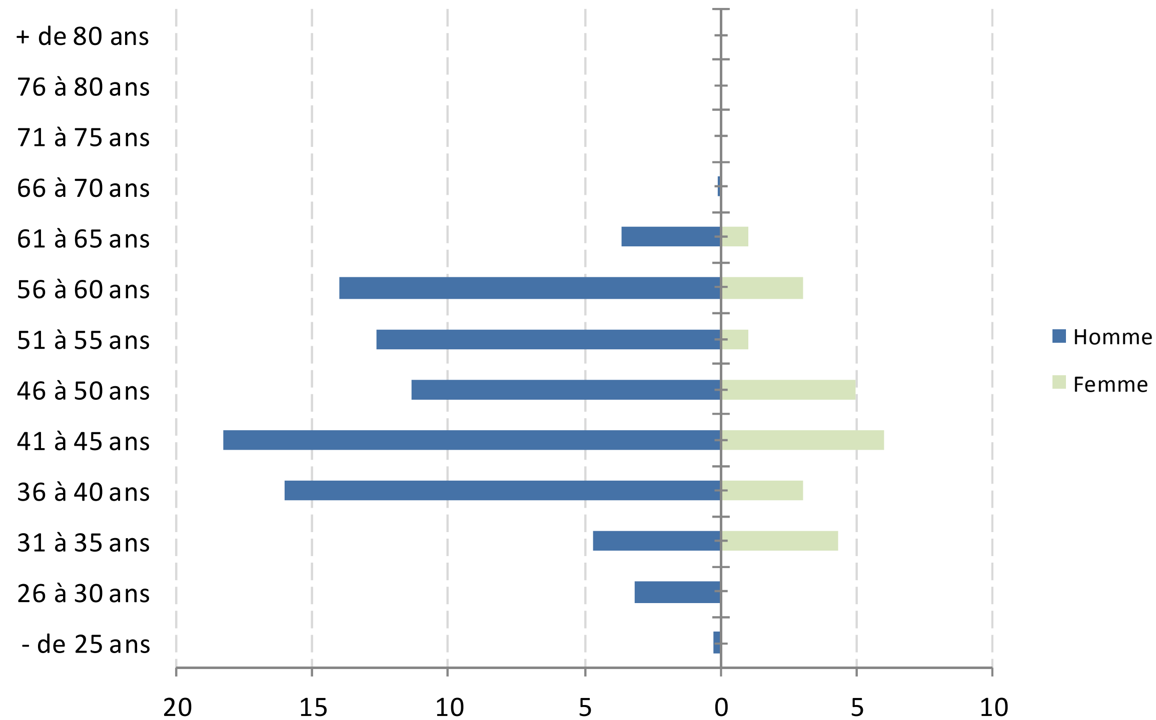
Age moyen

	Surv. 2014
Homme	46 ans
Femme	45 ans
TOTAL	46 ans

Ventilation des bénéficiaires par types de bénéficiaires

	Surv. 2014
Assuré	107
Conjoint	77
dont CNAC non cotisants*	*68*
dont CNAC cotisants*	*0*
Enfant	130
TOTAL	314
Coefficent familial	2.92

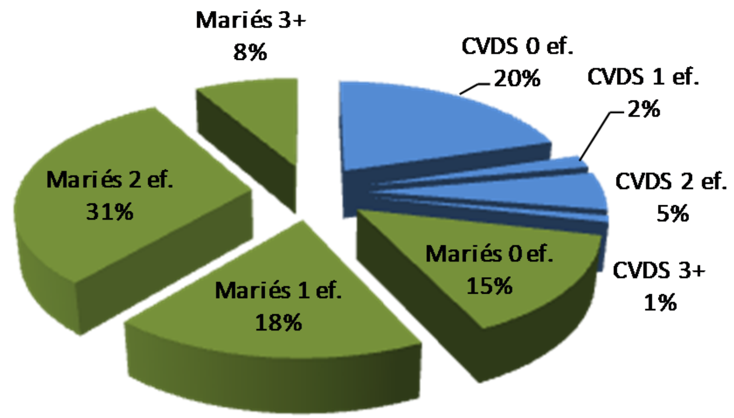
** Conjoints Non A Charge*



Démographie

Ventilation des bénéficiaires par situations de familles

	Surv. 2014
CVDS 0 ef.	22
CVDS 1 ef.	2
CVDS 2 ef.	6
CVDS 3+	1
Total CVDS	31
Mariés 0 ef.	16
Mariés 1 ef.	19
Mariés 2 ef.	33
Mariés 3+	9
Total Mariés	77
TOTAL	107



Evolution des ratios de sinistralité

	Cotisations brutes	Cotisations nettes	Evolution	Prestations	PSAP	Charge de sinistres	Evolution	Résultats	Ratio de sinistralité
2014	184 410 €	138 385 €		116 825 €	1 904 €	118 729 €		19 655 €	86%
Total / Moy.	184 410 €	138 385 €		116 825 €	1 904 €	118 729 €		19 655 €	86%

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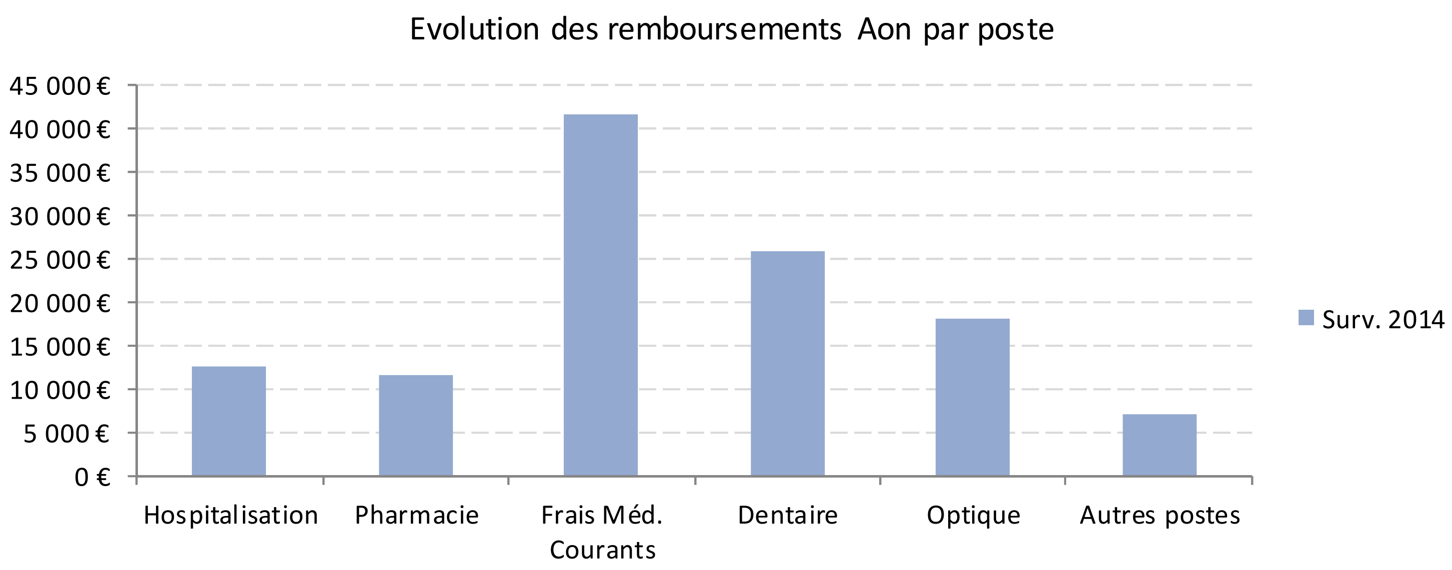
Evolution des remboursements Aon par famille d'actes

	Surv. 2014 Rbts Aon	Surv. 2014 Répart	Répart Portef. Aon
HOSPITALISATION			
Frais de séjour	1 826 €		
Honoraires/chirurgie	8 052 €		
Forfait journalier	630 €		
Chambre particulière	2 072 €		
Total Hospitalisation	**12 580 €**	**10.8%**	**15%**
PHARMACIE			
Total Pharmacie	**11 624 €**	**9.9%**	**12%**
FRAIS MÉDICAUX COURANTS			
Généralistes	8 152 €		
Spécialistes	10 861 €		
Actes de spécialité	5 472 €		
Analyses, radio., aux méd.	12 340 €		
Transport, indemnités div.	323 €		
Ostéo., Chiro, Méd. Douce	4 400 €		
Total Frais Méd. Courants	**41 549 €**	**35.6%**	**25%**
DENTAIRE			
Soins dentaires	4 135 €		
Prothèses dentaires	6 451 €		
Orthodontie	15 354 €		
Total Dentaire	**25 939 €**	**22.2%**	**21%**
OPTIQUE			
Monture	4 656 €		
Verres	10 314 €		
Lentilles	3 180 €		
Total Optique	**18 150 €**	**15.5%**	**22%**
AUTRES POSTES			
Prothèses	4 228 €		
Cures thermales	505 €		
Forfaits maternité	2 250 €		
Total Autres postes	**6 983 €**	**6.0%**	**5%**
TOTAL	**116 825 €**	**100%**	**100%**

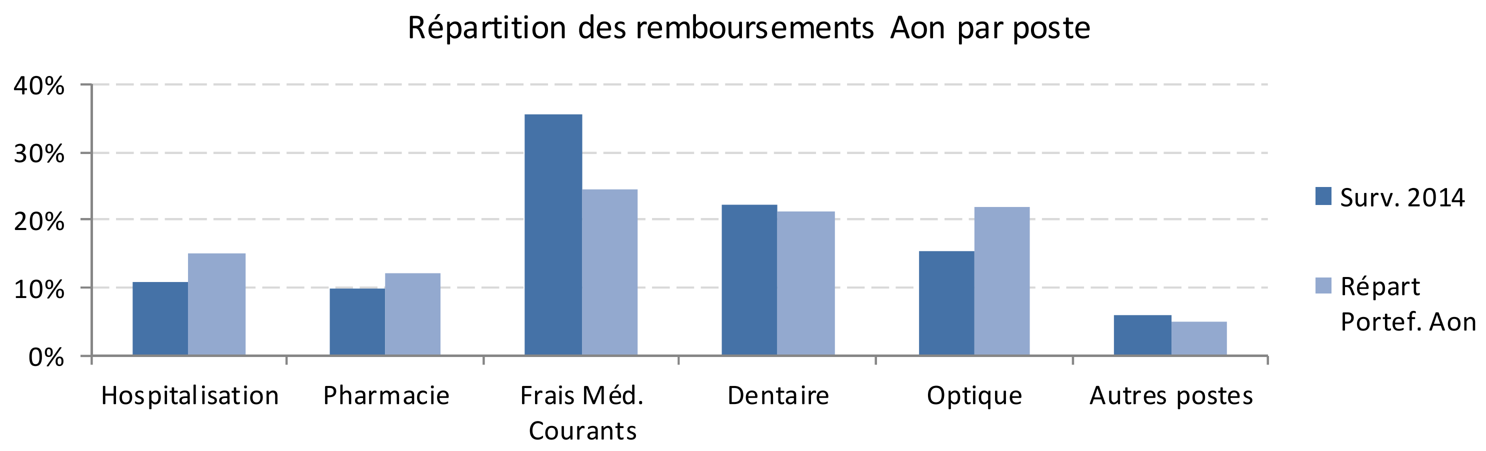
Comparatif réalisé hors PSAP avec un recul identique.

L' « évolution corrigée » neutralise les variations d'effectifs.

Evolution des remboursements Aon par famille d'actes

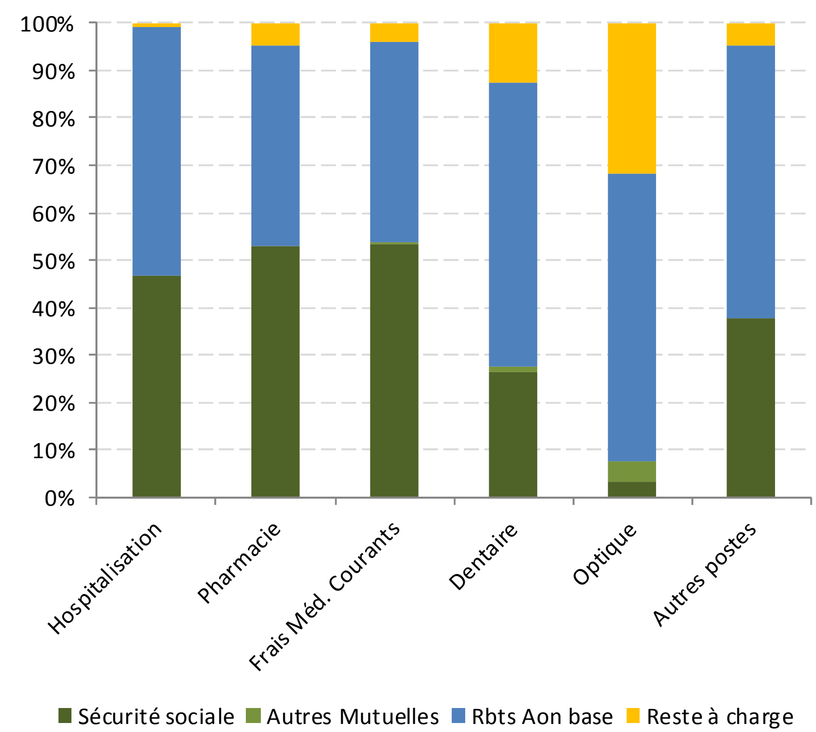


Benchmark portefeuille



Taux de couverture par poste

	Survenance 2014 Taux de couverture	Portefeuille Aon
HOSPITALISATION		
Frais de séjour	100%	
Honoraires/chirurgie	100%	
Forfait journalier	98%	
Chambre particulière	90%	
Total Hospitalisation	**99%**	**98%**
PHARMACIE		
Total Pharmacie	**95%**	**100%**
FRAIS MÉDICAUX COURANTS		
Généralistes	92%	
Spécialistes	99%	
Actes de spécialité	100%	
Analyses, radio., aux méd.	100%	
Transport, indemnités div.	92%	
Ostéo., Chiro, Méd. Douce	73%	
Total Frais Méd. Courants	**96%**	**97%**
DENTAIRE		
Soins dentaires	92%	
Prothèses dentaires	79%	
Orthodontie	89%	
Total Dentaire	**87%**	**86%**
OPTIQUE		
Monture	65%	
Verres	65%	
Lentilles	93%	
Total Optique	**68%**	**87%**
AUTRES POSTES		
Prothèses	94%	
Cures thermales	100%	
Forfaits maternité	100%	
Total Autres postes	**95%**	**87%**
TOTAL	**91%**	**94%**



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Consommation par type de bénéficiaire

	Adhérents		Conjoints		Enfants		Ensemble	
	Rbts Aon N	Répart. N	Rbts Aon N	Répart. N	Rbts Aon N	Répart. N	Rbts Aon N	Répart. N
HOSPITALISATION								
Frais de séjour	5 €		2 €		8 €		6 €	
Honoraires/chirurgie	61 €		17 €		1 €		26 €	
Forfait journalier	4 €		1 €		1 €		2 €	
Chambre particulière	13 €		8 €		1 €		7 €	
Total Hospitalisation	**84 €**	**17.0%**	**28 €**	**7.4%**	**11 €**	**4.1%**	**40 €**	**10.8%**
PHARMACIE								
Total Pharmacie	**49 €**	**9.9%**	**39 €**	**10.2%**	**26 €**	**9.8%**	**37 €**	**9.9%**
FRAIS MÉDICAUX COURANTS								
Généralistes	29 €		19 €		28 €		26 €	
Spécialistes	52 €		42 €		16 €		35 €	
Actes de spécialité	29 €		17 €		8 €		17 €	
Analyses, radio., aux méd.	55 €		45 €		23 €		39 €	
Transport, indemnités div.	1 €		0 €		1 €		1 €	
Ostéo., Chiro, Méd. Douce	18 €		9 €		14 €		14 €	
Total Frais Méd. Courants	**184 €**	**37.4%**	**132 €**	**34.5%**	**90 €**	**33.7%**	**132 €**	**35.6%**
DENTAIRE								
Soins dentaires	19 €		21 €		4 €		13 €	
Prothèses dentaires	42 €		25 €		0 €		21 €	
Orthodontie	17 €		27 €		89 €		49 €	
Total Dentaire	**79 €**	**16.0%**	**72 €**	**18.7%**	**92 €**	**34.6%**	**83 €**	**22.2%**
OPTIQUE								
Monture	19 €		19 €		8 €		15 €	
Verres	39 €		45 €		21 €		33 €	
Lentilles	18 €		9 €		5 €		10 €	
Total Optique	**76 €**	**15.5%**	**73 €**	**19.0%**	**34 €**	**12.7%**	**58 €**	**15.5%**
AUTRES POSTES								
Prothèses	16 €		9 €		14 €		13 €	
Cures thermales	0 €		7 €		0 €		2 €	
Forfaits maternité	4 €		23 €		0 €		7 €	
Total Autres postes	**20 €**	**4.1%**	**39 €**	**10.3%**	**14 €**	**5.1%**	**22 €**	**6.0%**
TOTAL	491 €	100%	384 €	100%	267 €	100%	372 €	100%
Nombre de bénéficiaires	**107**		**77**		**130**		**314**	

Comparatif réalisé hors PSAP avec un recul identique.

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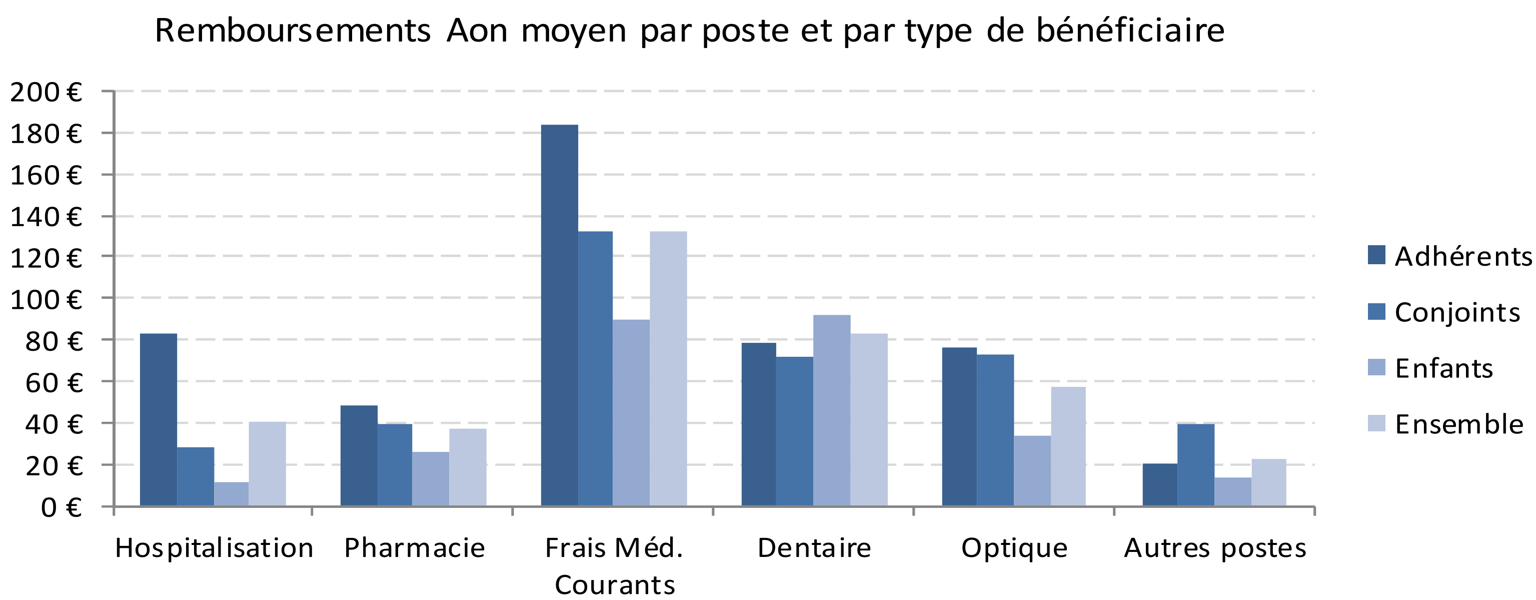
Consommation par type de bénéficiaire



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Focus : fréquences et coûts moyens par acte

Actes	Remboursements Aon moyens par bénéficiaire		Frais réels moyens par acte		Remboursements Aon moyens par acte		Fréquence par bénéficiaire		Proportion de consommateurs	
	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon
Généralistes	26 €	20 €	27 €	25 €	10 €	8 €	2.63	2.40	64%	63%
Spécialistes	35 €	28 €	42 €	44 €	20 €	21 €	1.72	1.30	55%	45%
Montures	15 €	28 €	150 €	160 €	88 €	132 €	0.17	0.21	16%	19%
Verres (par unité)	33 €	58 €	147 €	159 €	83 €	132 €	0.40	0.44	19%	21%
Couronnes	16 €	32 €	593 €	526 €	386 €	351 €	0.04	0.10	3%	5%
Orthodontie (semestre)	31 €	17 €	665 €	710 €	457 €	460 €	0.07	0.00	6%	3%
Chambre particulière	7 €	16 €	60 €	60 €	55 €	56 €	0.12	0.30	3%	4%

Comparatif réalisé hors PSAP avec un recul identique.

Focus optique

Actes	Remboursements Aon moyens par bénéficiaire		Frais réels moyens par acte		Remboursements Aon moyens par acte		Fréquence par bénéficiaire		Proportion de consommateurs	
	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon	Surv. 2014	Portef. Aon
Monture adulte	13 €	24 €	159 €	168 €	90 €	141 €	0.14	0.20	14%	16%
Monture enfant	2 €	4 €	103 €	128 €	79 €	98 €	0.03	0.00	3%	4%
Total monture	15 €	28 €	150 €	160 €	88 €	132 €	0.17	0.21	16%	19%
Verres enfants	6 €	6 €	82 €	89 €	70 €	75 €	0.09	0.10	4%	4%
Verres adultes unifocaux	19 €	19 €	107 €	109 €	85 €	95 €	0.22	0.20	10%	9%
Verres adultes multifocaux	8 €	33 €	309 €	256 €	87 €	208 €	0.09	0.20	4%	8%
Total Verres	33 €	58 €	147 €	159 €	83 €	132 €	0.40	0.44	19%	21%

Contact

Regnaud Christine

christine.regnaud@aon.fr

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Aon France
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GARANTIE FINANCIÈRE ET ASSURANCE DE RESPONSABILITÉ CIVILE PROFESSIONNELLE CONFORMES AUX ARTICLES L512-7 ET L512-6 DU CODE DES ASSURANCES

ON Semiconductor®

Corporate Overview

August 2015

ON Semiconductor

Energy Efficient Innovations

- Provides a comprehensive portfolio of energy efficient solutions
- Helps customers solve their unique design challenges
- Empowers design engineers to reduce global energy use
- Operates a responsive, reliable world-class supply chain and quality program
- Maintains global environmental sustainability and social responsibility programs

Core Values

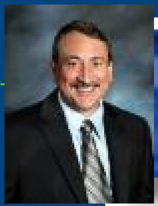
Respect | Integrity | Initiative

Key Corporate Strategies

- **Align resources and investments to win in strategic growth markets**
  - Automotive, Wireless Devices, HPPC/Motor Control, Industrial IoT
  - Maintain leadership position in mature markets
- **Leverage our broad product portfolio, advanced packaging expertise, scale and superior operations to provide customers with comprehensive solutions**
- **Drive aggressive cost reductions in front-end/back-end manufacturing and optimize supply chain performance**
- **Build applications expertise to provide complete and differentiated customer solutions that accelerate time to market and revenue**

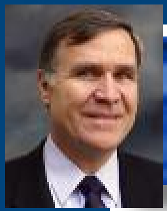
Corporate Leadership Team

CEO Direct Reports



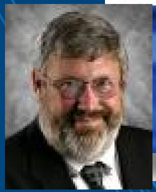
EVP Chief Operating Officer
Bill Schromm

EVP Sales & Marketing
Paul Rolls



EVP Chief Financial Officer
Bernard Gutmann

EVP Application Products Group
Bob Klosterboer



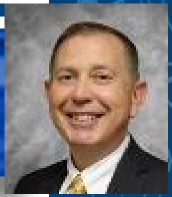
EVP Standard Products Group
Bill Hall

President and Chief Executive Officer
Keith Jackson

Product Business Groups

EVP CCEO, General Counsel
Sonny Cave

SVP Human Resources
Tobin Cookman



SVP Chief Technical Officer
Hans Stork

SVP System Solutions Group
Mamoon Rashid

SVP Image Sensor Group
Taner Ozcelik

Exceeding Customer Quality Expectations

Quality Culture

- "Ownership"
- Benchmark top quintile for "culture"
- Flawless change management

Quality Skill Set

- In depth problem solving skills
- Mature product analysis across all regions
- Proficient at 8-D and 5-Why corrective actions

Quality Performance

- Zero quality excursions
- Lowest PPB in the market
- Compliance to evolving ISO standards

Automotive Excellence

- Zero excursions, Zero Repeats
- Strict adherence to PPAP's & APQP
- 14 day response for 8D & corrective actions

Quality Performance a Differentiator for Growth

ON Semiconductor Today

- **Headquarters:** Phoenix, AZ
- **Employees:** ~23,000 globally
- **Revenue:** ~$3.2Bn(1)
- **Market Capitalization:** ~$4.3Bn(2)
- **Ticker:** ON
- **Founded:** Spun-off from Motorola 1999, IPO 2000

Automotive Sector (32% of Revenue)
- Automotive ASICs & ASSPs
- Power & Analog
- Image Sensors
- DC-DC Conversion
- LED Drivers
- Sensor Interfaces
- Motor Drivers
- Ignition IGBTs & Modules
- IVN Transceivers
- Signal Management

Computing Sector (11% of Revenue)
- AC-DC Conversion
- DC-DC Conversion
- Power Factor Correction
- Signal & Interface
- Vcore Controllers
- Thermal Management

Consumer Sector (15% of Revenue)
- AC-DC Conversion
- DC-DC Conversion
- Power Factor Correction
- Signal & Interface
- LED Drivers
- Audio DSPs, Codecs, & Tuners
- Microcontrollers
- Image Sensors

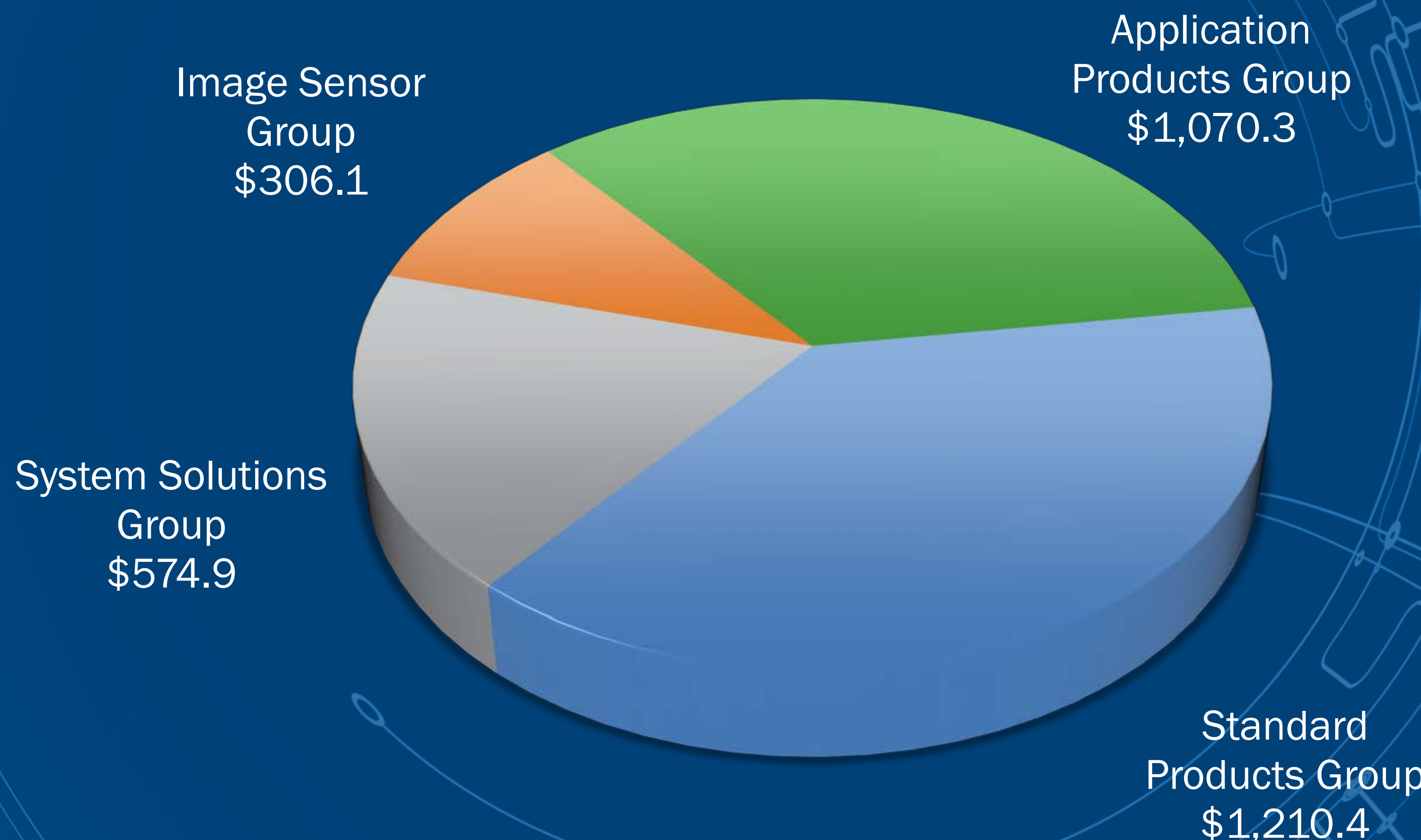
Communications Sector (18% of Revenue)
- Power Management
- Battery Management
- Voltage Management
- Image Sensors
- Clock & Timing
- I/O Expanders
- Digital Potentiometers
- Protection and Filters

Industrial/Medical/Mil-Aero (24% of Revenue)
- Power Modules
- Integrated Sensor Products
- Motor Drivers
- Transceivers
- Audio DSPs
- Clock & Timing
- Custom Foundry and ASIC
- Integrated Passives (IPD)
- Image Sensors

Standard Products (Multi-Market)
- EEPROM, SRAM
- Bipolar Transistors
- IGBTs
- Thyristors
- Diodes
- JFETs
- Protection
- Rectifiers
- Amplifiers
- Filters
- MOSFETs
- Standard Logic
- Linear Regulators

(1) 2014 Revenue (2) According to NASDAQ - based on closing stock price on Aug 3, 2015 (3) Sector % based on 2Q15 results

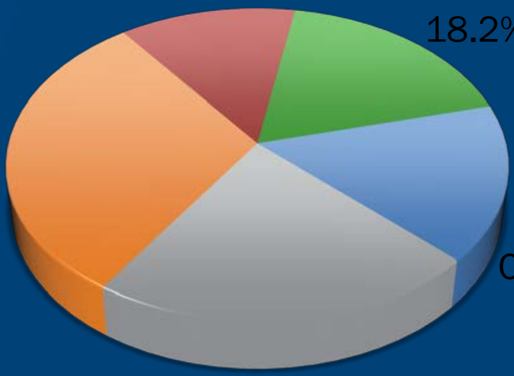
2014 Revenues: $3,161.8 Million



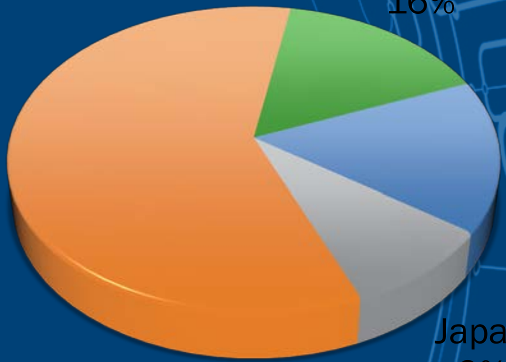
(1) *Amounts may not total due to rounding of individual amounts*

2014 Diverse Segment and Regional Profile

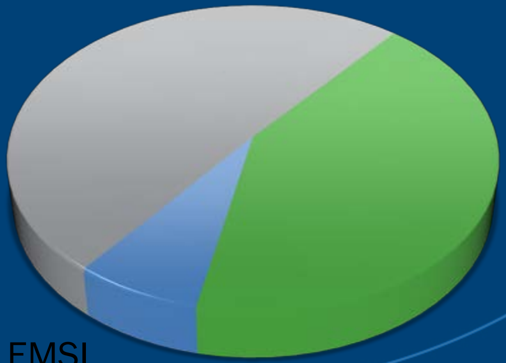
End Market Split



Regional Split

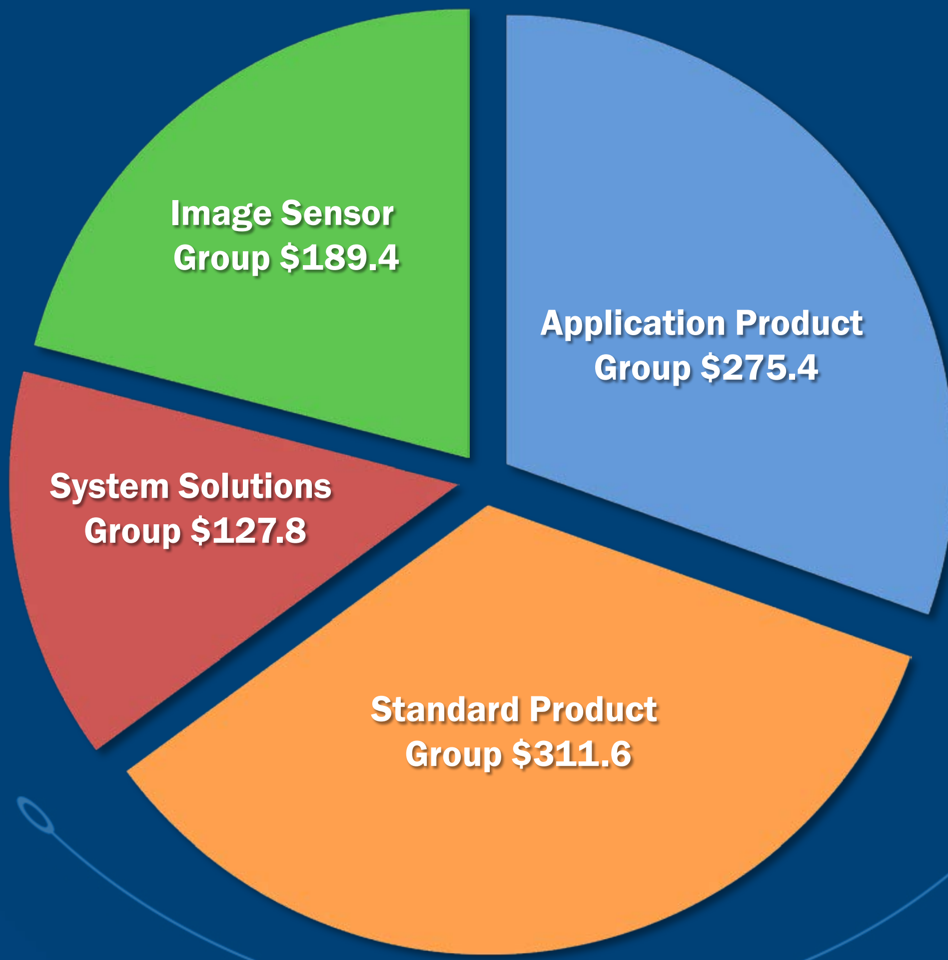


Channel Split



(1) Amounts may not total due to rounding of individual amounts

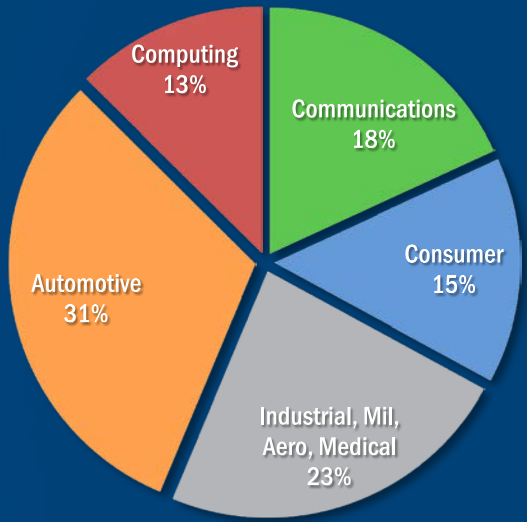
3Q15 Revenues: $904.2 Million



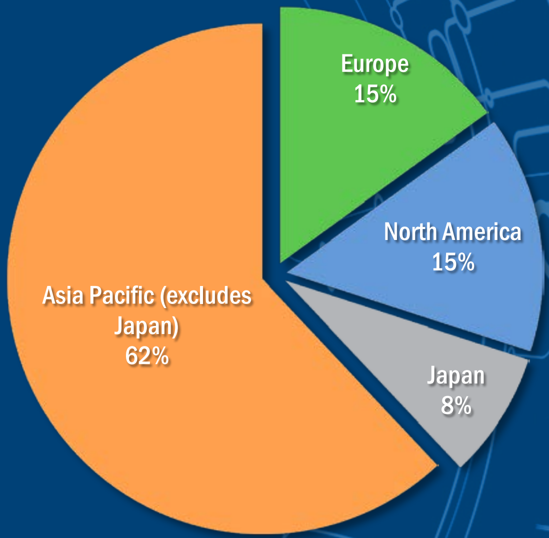
(1) Amounts may not total due to rounding of individual amounts.

3Q15 Diverse Segment and Regional Profile

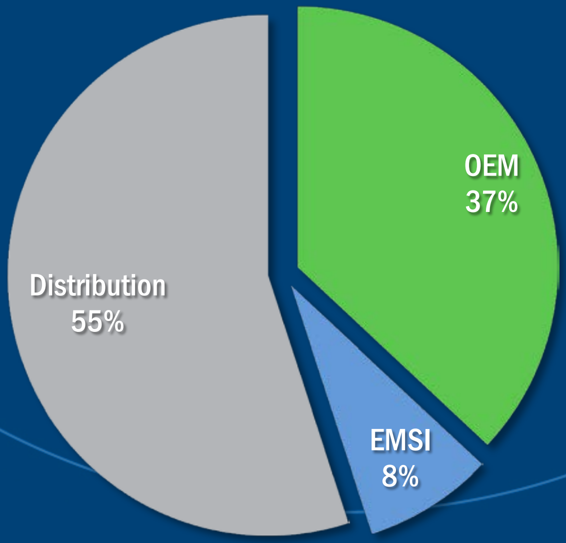
End Market Split



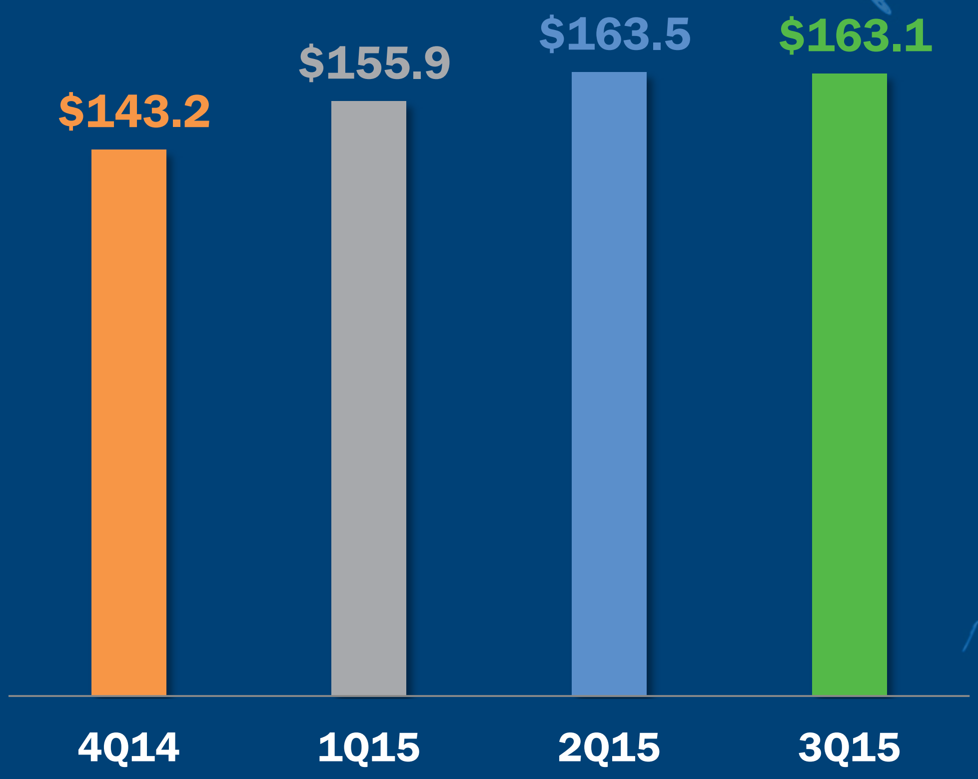
Regional Split



Channel Split



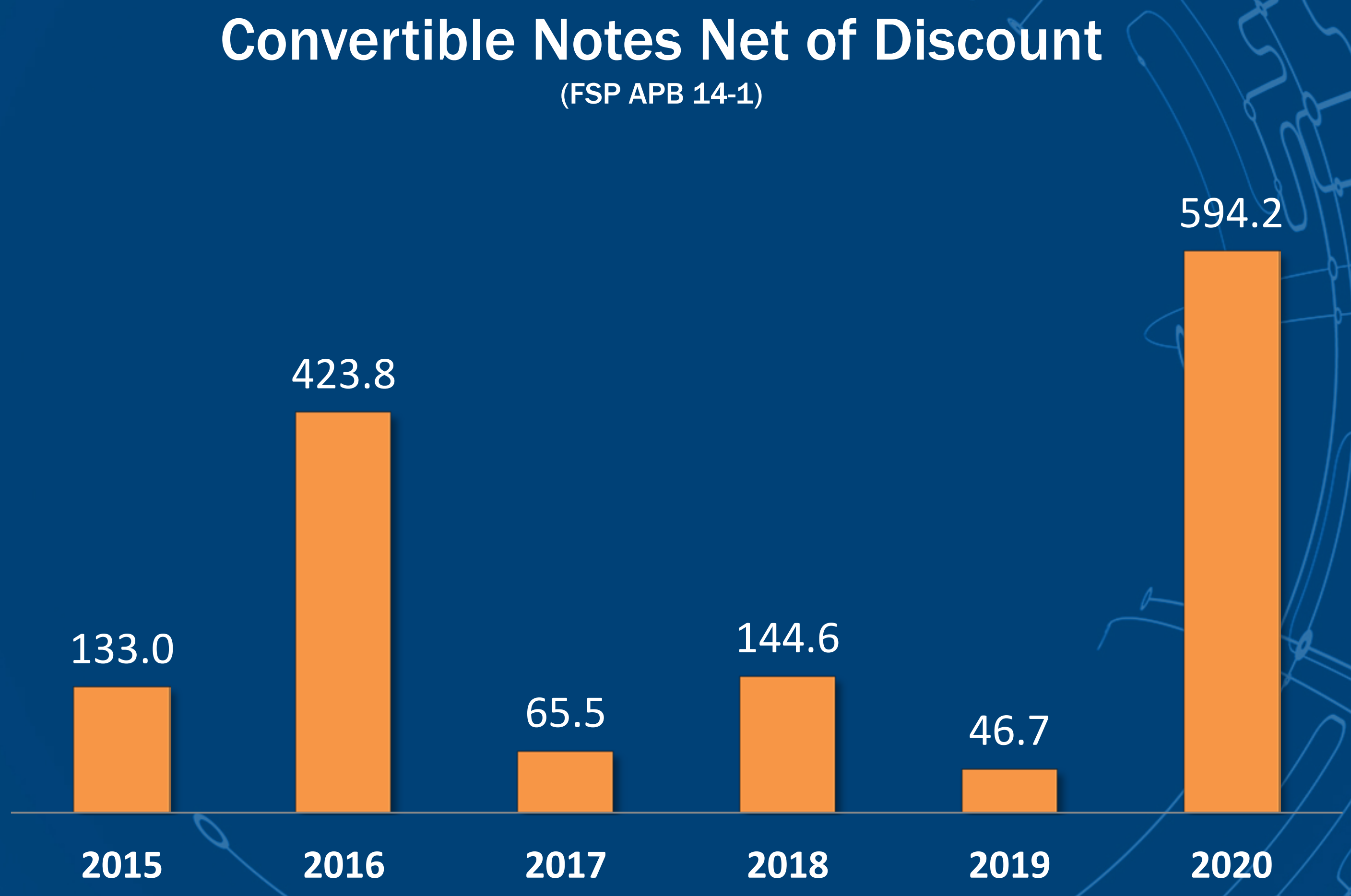
Adjusted EBITDA Position (Includes stock-based compensation expense)



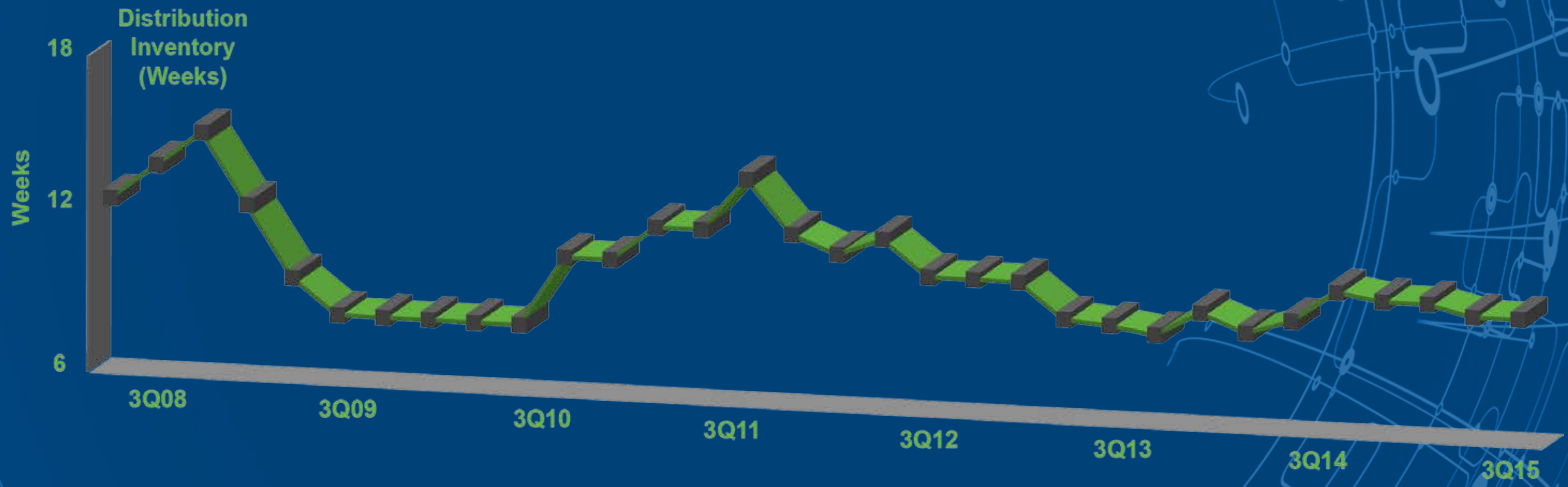
TTM EBITDA

$625.7 M

Current GAAP Debt Amortization Schedule

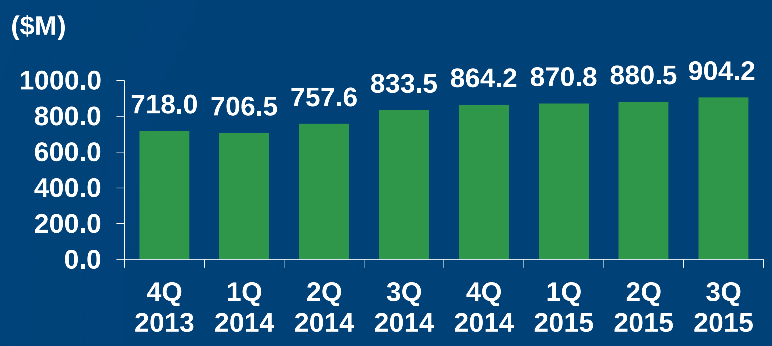


3Q15 Inventory Levels



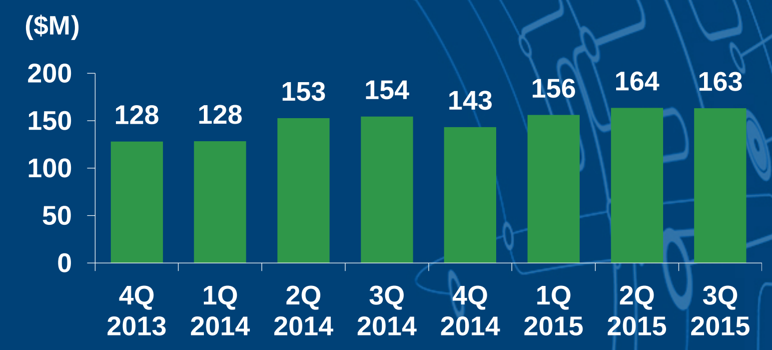
Financial Overview

Revenue



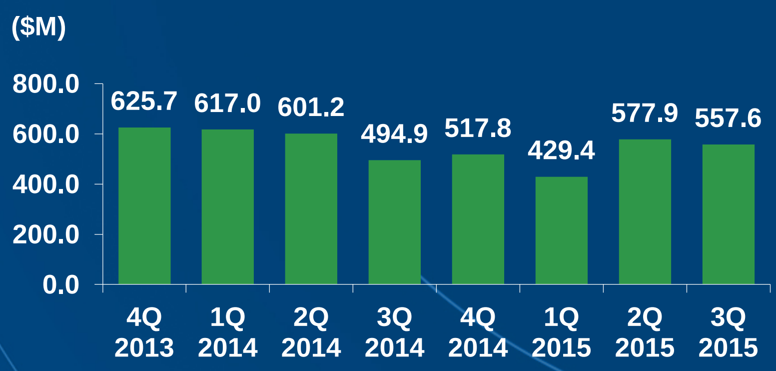
Y-o-Y Growth (%):	5.6	6.9	10.1	16.5	20.4	23.3	16.2	8.5

Adjusted EBITDA [1]

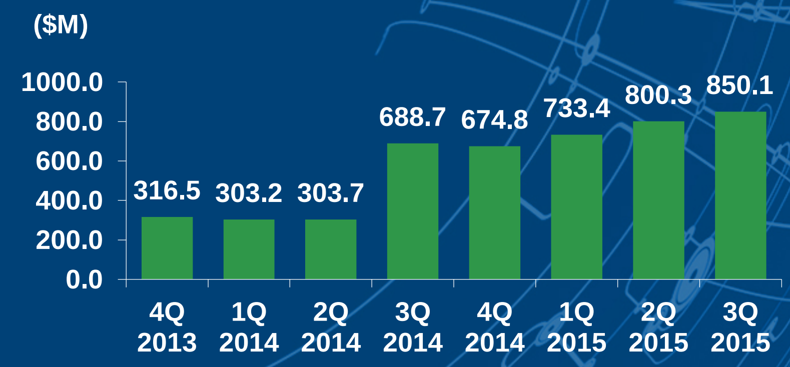


EBITDA Margin (%):	17.8	18.2	20.1	18.5	16.6	17.9	18.6	18.0

Cash, Equivalents & ST Investments Balance



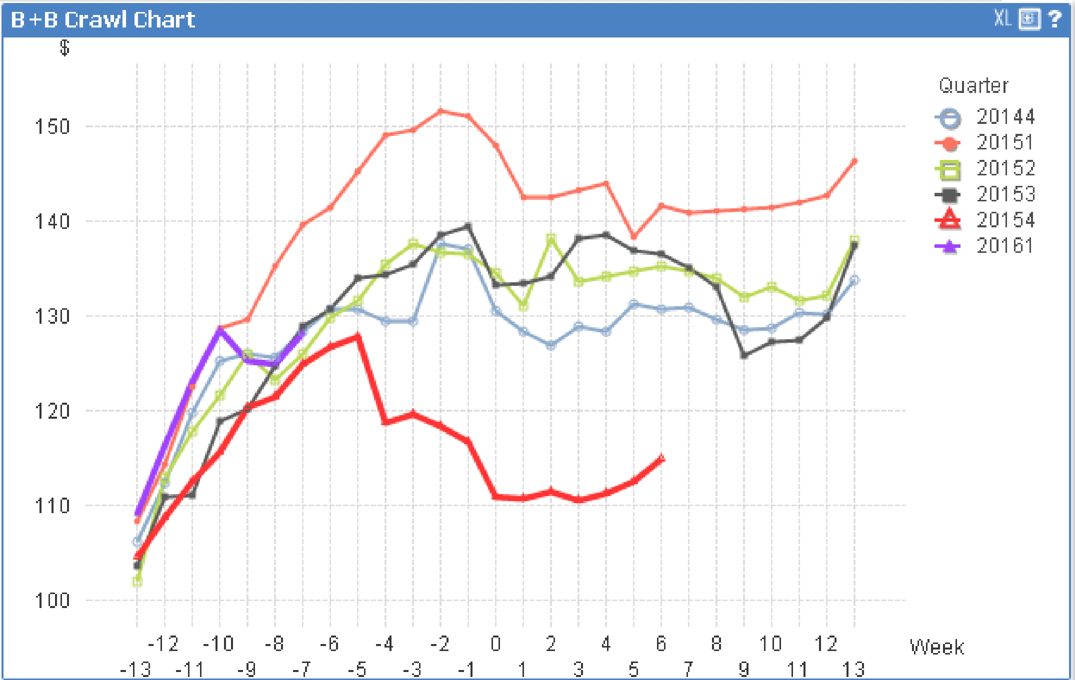
Net Debt Balance [2]



(1) See Appendix for GAAP Net Income to Adjusted EBITDA reconciliation. Adjusted EBITDA includes the impact of stock-based compensation.

(2) See Appendix for Reconciliation of Non-GAAP Net Debt.

EMEA Crawl Chart



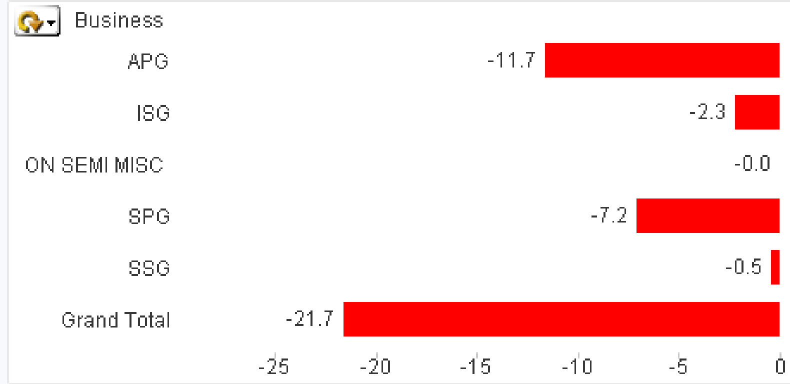
Current Quarter 20154	
Amount	114.9
CQTR Position to Last QTR	-21.7
CQTR Week on Week Change	2.4
CQTR Qtr to Date Change	4.0

Next Quarter 20161	
Amount	128.1
CQTR+1 Position to Last QTR	3.2
CQTR+1 Week on Week Change	3.3
CQTR+1 Qtr to Date Change	19.1

QoQ Compare (M)

Current Qtr to Prev Qtr

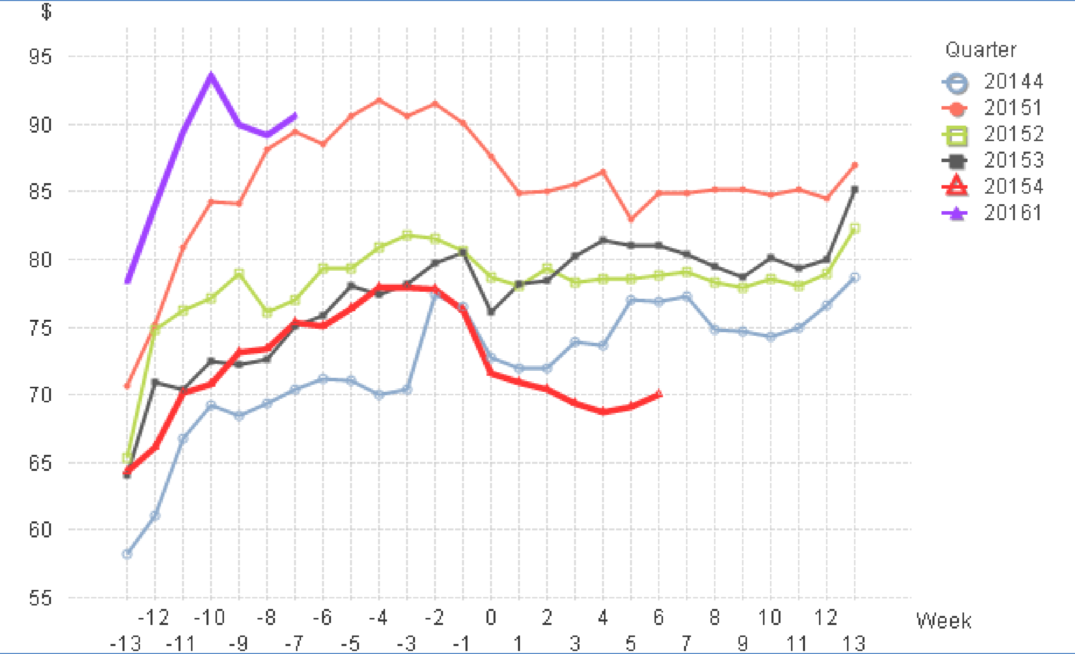
Next Qtr to Current Qtr



Region	20144	20153	20154	YoY	QoQ	WoW
EUROPE	130.7	136.6	114.9	-15.8	-21.7	2.4
Grand Total	**130.7**	**136.6**	**114.9**	**-15.8**	**-21.7**	**2.4**

EMEA OEM

B+B Crawl Chart

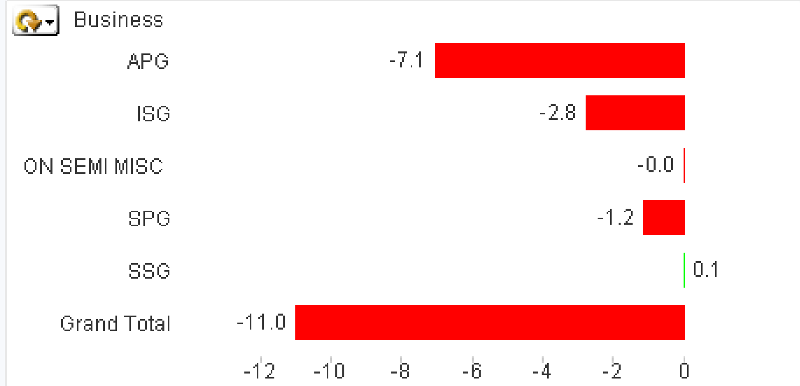


Current Quarter 20154	
Amount	70.0
CQTR Position to Last QTR	-11.0
CQTR Week on Week Change	0.8
CQTR Qtr to Date Change	-1.6

Next Quarter 20161	
Amount	90.6
CQTR+1 Position to Last QTR	15.3
CQTR+1 Week on Week Change	1.5
CQTR+1 Qtr to Date Change	12.2

QoQ Compare (M)

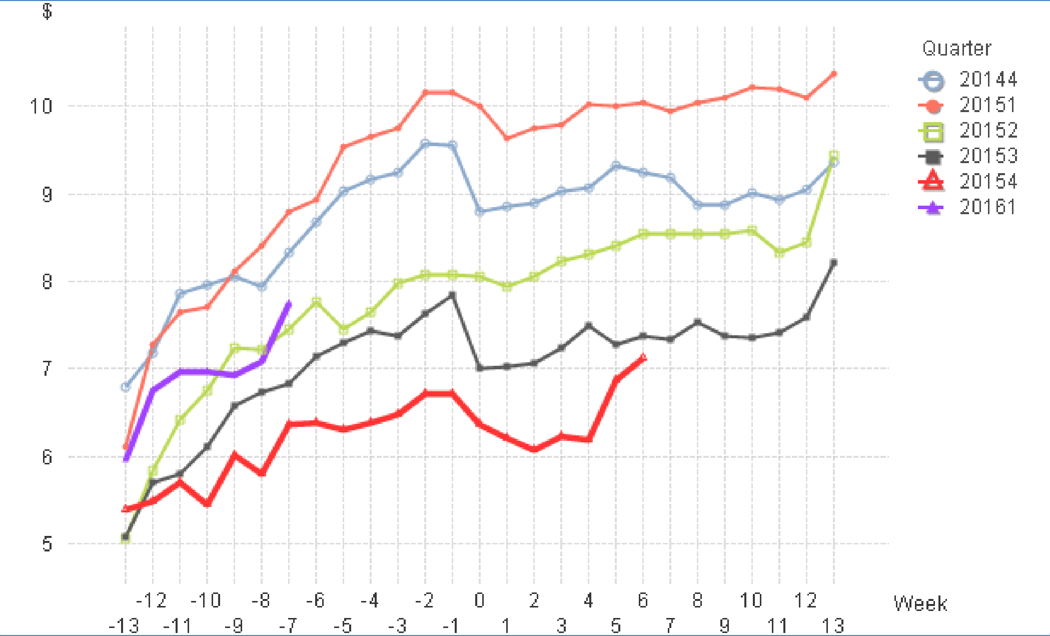
Current Qtr to Prev Qtr   Next Qtr to Current Qtr



Region	20144	20153	20154	YoY	QoQ	WoW
EUROPE	76.9	81.0	70.0	-6.9	-11.0	0.8
Grand Total	**76.9**	**81.0**	**70.0**	**-6.9**	**-11.0**	**0.8**

EMEA EMSI

B+B Crawl Chart



Current Quarter 20154	
Amount	7.1
CQTR Position to Last QTR	-0.3
CQTR Week on Week Change	0.3
CQTR Qtr to Date Change	0.8

Next Quarter 20161	
Amount	7.7
CQTR+1 Position to Last QTR	1.4
CQTR+1 Week on Week Change	0.7
CQTR+1 Qtr to Date Change	1.8

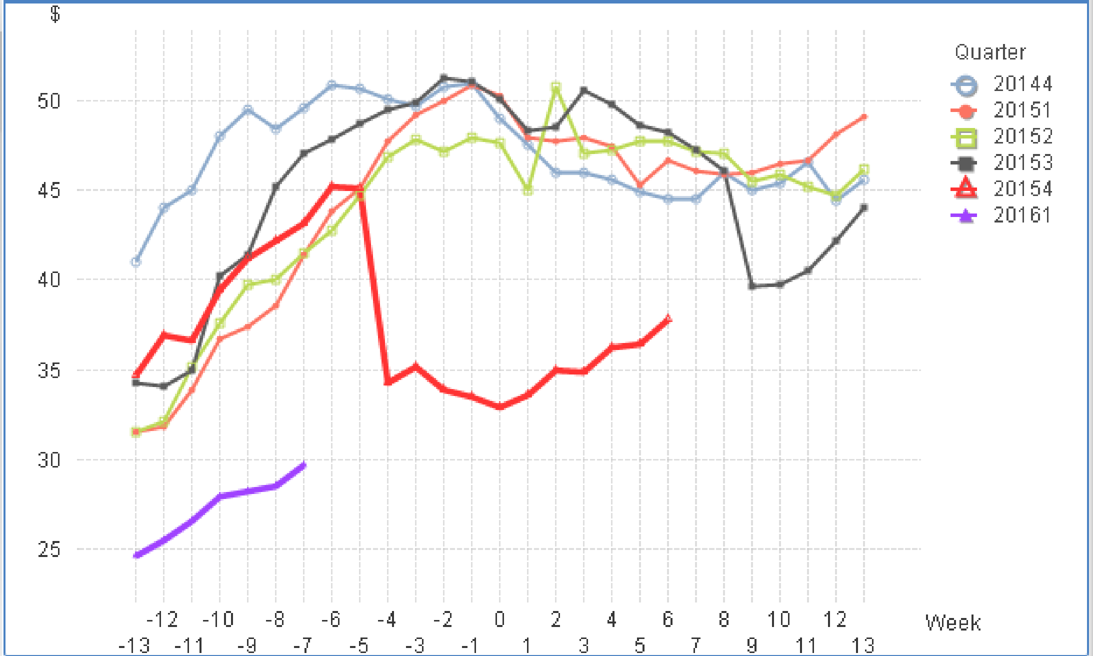
QoQ Compare (M)

Current Qtr to Prev Qtr　Next Qtr to Current Qtr

Region	20144	20153	20154	YoY	QoQ	WoW
EUROPE	9.2	7.4	7.1	-2.1	-0.3	0.3
Grand Total	**9.2**	**7.4**	**7.1**	**-2.1**	**-0.3**	**0.3**

EMEA Distribution + Cipo

B+B Crawl Chart

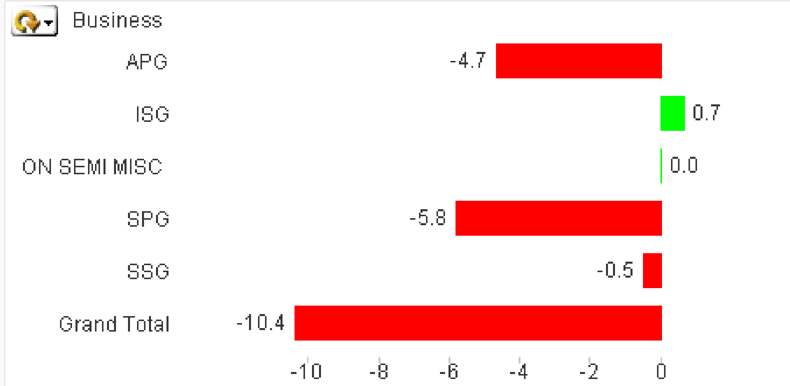


Current Quarter 20154	
Amount	37.8
CQTR Position to Last QTR	-10.4 ↓
CQTR Week on Week Change	1.3 ↑
CQTR Qtr to Date Change	4.8 ↑

Next Quarter 20161	
Amount	29.7
CQTR+1 Position to Last QTR	-13.4 ↓
CQTR+1 Week on Week Change	1.2 ↑
CQTR+1 Qtr to Date Change	5.0 ↑

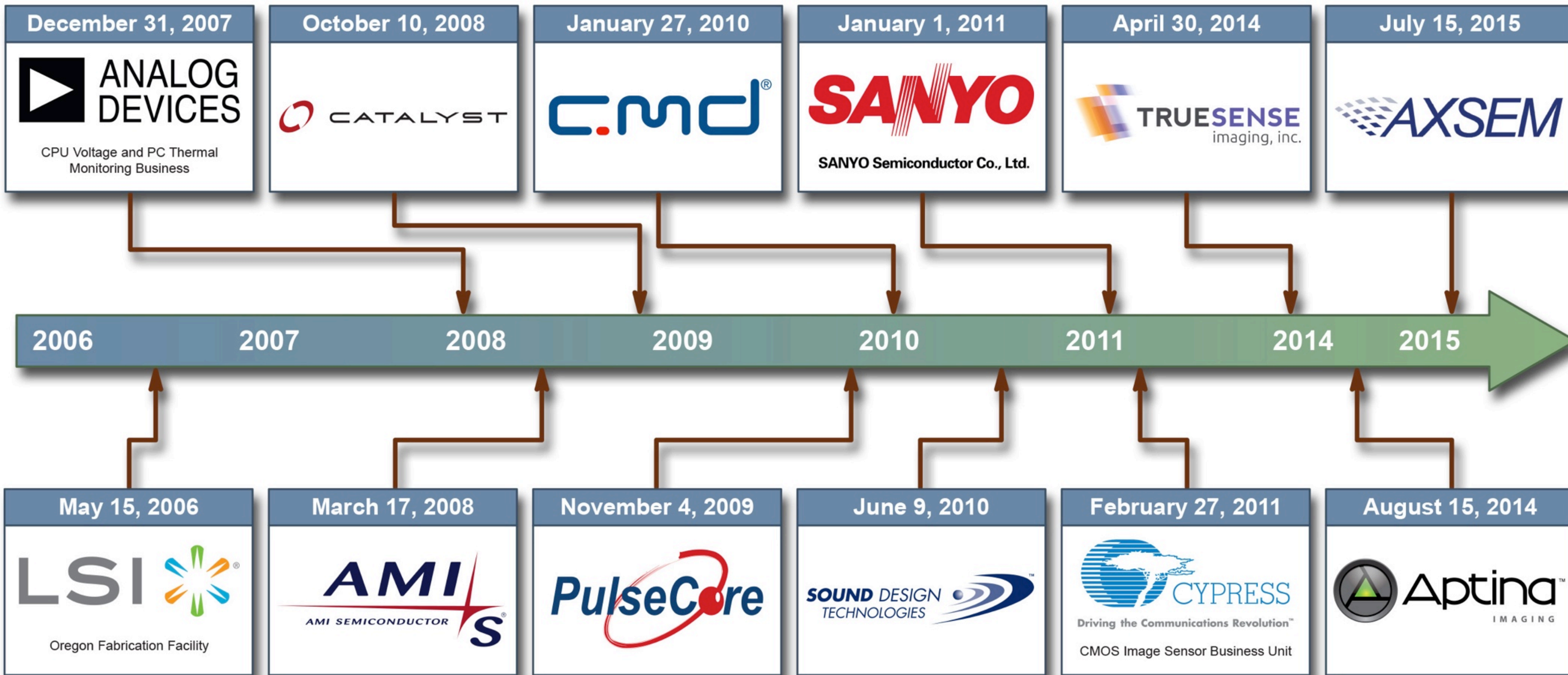
QoQ Compare (M)

Current Qtr to Prev Qtr   Next Qtr to Current Qtr



Region	20144	20153	20154	YoY	QoQ	WoW
EUROPE	44.5	48.2	37.8	-6.7	-10.4	1.3
Grand Total	**44.5**	**48.2**	**37.8**	**-6.7**	**-10.4**	**1.3**

Successful Acquisitions Expand Solutions
in Target Markets



ON Semiconductor to Acquire Fairchild Semiconductor

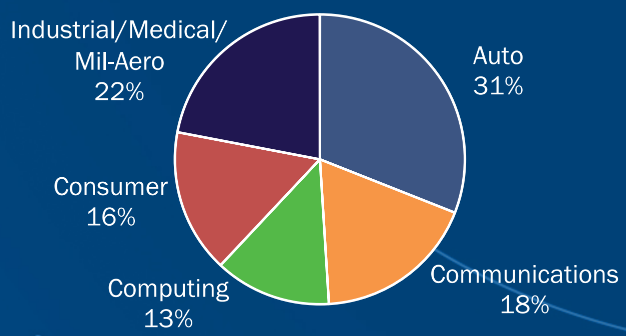
Investor Presentation

November 18, 2015

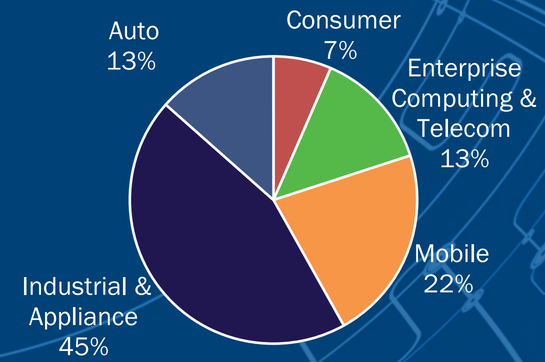
Our Businesses at a Glance

ON Semiconductor	FAIRCHILD
Headquarters: Phoenix, AZ	Headquarters: San Jose, CA
Market cap: ~$4.5bn	Market cap: ~$2.0bn
FY2014 revenue: ~$3.2bn	FY2014 revenue: ~$1.4bn
Employees: ~24,500	Employees: ~6,600
Leadership in analog, imaging, & low voltage power and small-signal semiconductor market	Leadership in analog and high voltage and medium voltage power semiconductor market

ON Semiconductor – FY'14 end-market revenue mix



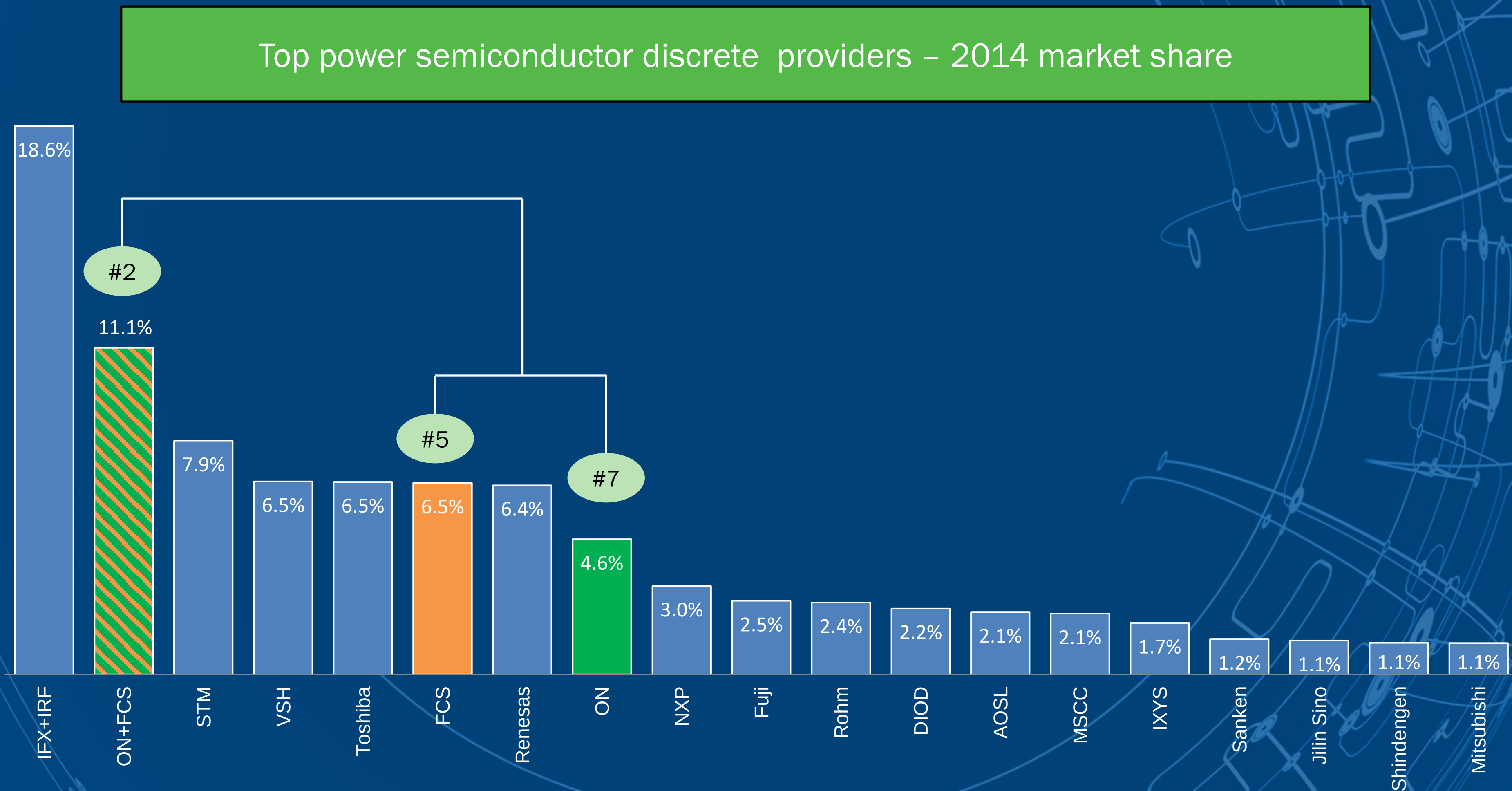
Fairchild – FY'14 end-market revenue mix



Transaction Overview

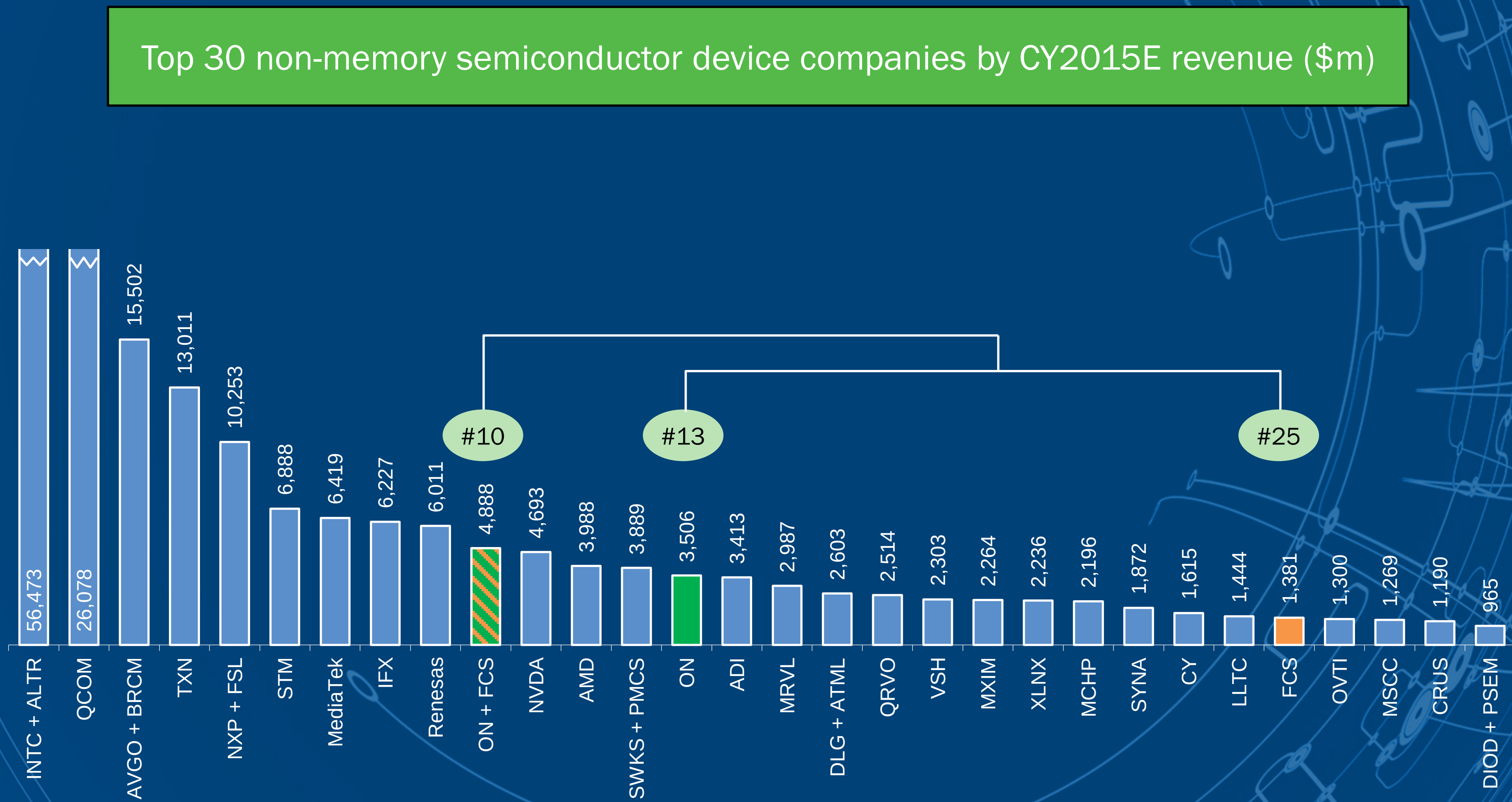
Consideration per share	▪ $20.00 per share in cash
Transaction value	▪ $2.4 billion equity value ▪ $2.3 billion enterprise value
Sources of financing	▪ ~$300 million of cash from the combined company's balance sheet ▪ $2.4 billion of fully committed term loans ▪ $300 million in committed undrawn revolving credit facility
Approval process	▪ Successful completion of tender offer ▪ Certain regulatory approvals
Expected closing	▪ Second quarter of 2016, subject to customary closing conditions

Leadership in Power Semiconductors



Source: IHS

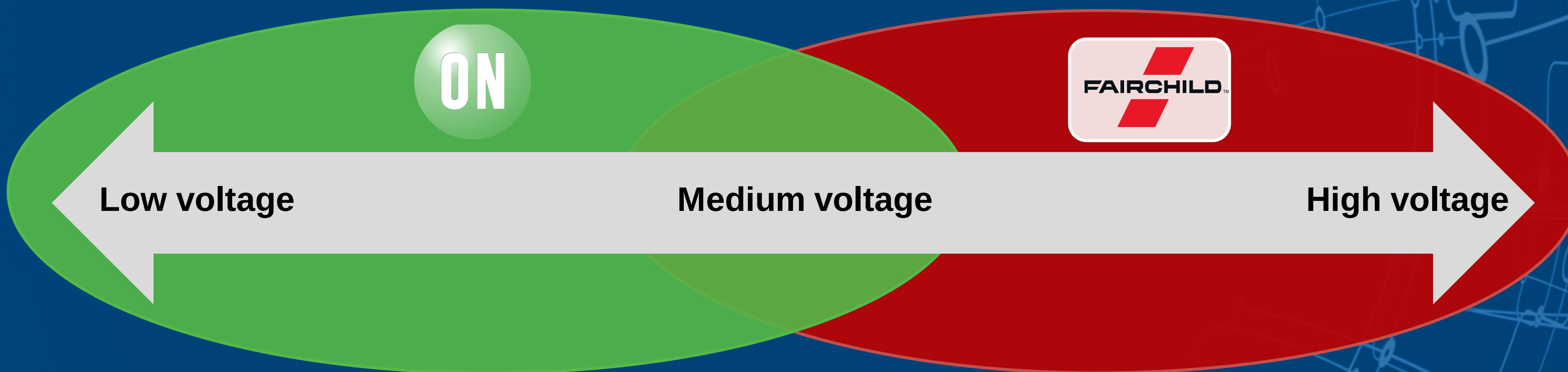
Combined Company is a Top 10 Player



Source: Factset, Company filings, Wall Street research estimates

Serving Complementary Products across the Voltage Spectrum

- Serving similar customers with highly complementary product sets
    - Full spectrum of high, medium and low voltage products



Select combined company customers

ARROW, AVNET, Canon, CISCO, DELL, DELPHI, EBV Elektronik (An Avnet Company), ECHOSTAR, ERICSSON

FUTURE ELECTRONICS, Honeywell, HUAWEI, LG, Panasonic, PHILIPS, SAMSUNG, Schneider Electric, SONY, TESLA, WPI, ZTE中兴

Potential for $150m of Annual Synergies

Sales and Marketing

- Complementary product portfolio
- Higher relevance to customers and channel partners
- Consolidated worldwide sales and marketing teams

Cost of Goods Sold

- Benefits from Fairchild's manufacturing consolidation plan
- Supply chain synergies

General and Administrative

- Elimination of redundant G&A costs across multiple functions

Research & Development

- Elimination of duplicative spending
- Expanded IP portfolio with 5,500 US patents and 10,000 worldwide patents
- Enhanced technological expertise throughout power spectrum

Annual run rate synergies of $150M 18-months post-closing

Highly Profitable Financial Model

- ✓ Sustainable and growing revenue with additional scale from combination
- ✓ $150M of projected annual run rate cost synergies
- ✓ Limited revenue dis-synergies leading to margin expansion for combined company
- ✓ Strong cash flow generation supports track record of rapid deleveraging

($ in millions, LTM as of 9/30/15)

	ON	FAIRCHILD	ON + FAIRCHILD	Illustrative Pro Forma with synergies
Revenue	$3,520	$1,390	$4,909	
Gross margin	*34%*	*33%*	*34%*	
Operating margin	*11%*	*6%*	*10%*	*13%*
Adjusted EBITDA (1)	$675	$232	$906	$1,056
Free cash flow	$230	$65	$295	$430

Source: Company filings, Management estimates
Note: Excludes impact of restructuring, amortization of intangibles, fair market step-up of inventory and other unusual items
(1) Excludes $80M in stock based compensation expense

Transaction Financing

Credit facility

- $2.4 billion of new term loans at closing
  - $2.2 billion of new debt
  - $200 million to refinance existing Fairchild debt facilities
- Rate on term loan expected to be 4.0% to 4.5% based on current markets
- ON's existing debt of $1.5 billion is not refinanced as part of transaction
- $300 million revolving credit facility
- Facility allows for share repurchases

Pro forma capitalization statistics

	($B)	xLTM EBITDA (w/$150m synergies)
Total debt	$3.9	3.7x
Cash	$0.5	0.5x
Net debt	$3.4	3.2x

Expect to rapidly de-lever with a target net leverage ratio of 2.0x within 2 years of transaction close

Note: Leverage multiples based on Pro Forma LTM EBITDA of $1,056M which excludes $80M of stock based compensation

Expanded Image Sensor Solutions

Leadership in Industrial and Automotive Image Sensors

Industry leading IP portfolio with more than 2,500 patents

Strong software capabilities

Broad sales reach and solid operational expertise

ON Semiconductor
Image Sensor Products

CMOS image sensors for high-end industrial applications

Truesense Imaging Inc.

2Q14

CCD image sensors for high-end industrial applications

Aptina Imaging Inc.

3Q14

CMOS image sensors for broad-based industrial and automotive applications

Image Sensor Segment Alignment

Industrial/IoT & Surveillance
24% of revenue

Automotive
32% of revenue

Computing, Consumer & Communications
44% of revenue

Proven Leadership

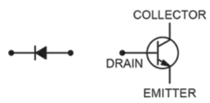
Growth Drivers

- Industrial ASIC #1
- PC Core Power (DCDC) #1
- Notebook Adapters (ACDC) #1
- White Goods IPM #2
- Adaptive Front Lighting #1
- **Automotive Image Sensors #1**
- **Industrial Image Sensors #2**
- Audiology DSP Systems #1
- Protection #1
- GP Op Amps #2
- Linear VREG #1

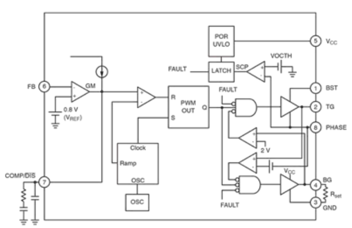
Sources: iSuppli, IMS Research, Strategy Analytics, Fuji Chimera Research, ON Semiconductor Business Units and Corporate Marketing

Providing a Broad Array of Products and Solutions

Discrete Devices



Integrated Circuits



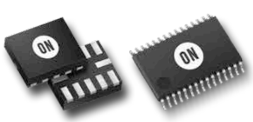
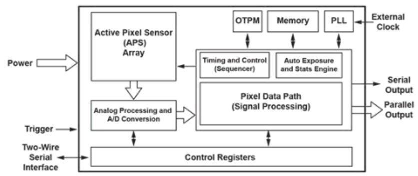
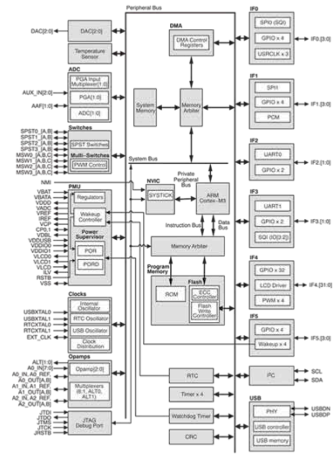
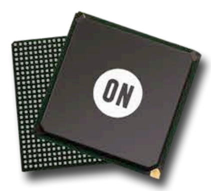


Image Sensors



System-on-Chip (SoC)

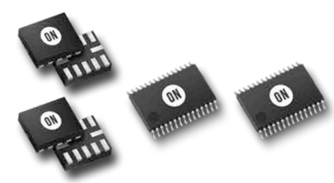




Semiconductor-Based Electronic Solution

SoC

Image Sensor



Integrated Circuits

Discrete Devices

Helping Customers Solve System Design Challenges

Santa Clara
Consumer
Wireless

Seoul
Wireless
Automotive

Portland
Computing
Graphics
HPPC

Taipei
Camera Module
Power Supply
Computing

Munich
Automotive
LED Lighting
HPPC

Shanghai
Automotive
LED Lighting
HPPC

Tokyo
Multiple
Applications

Shenzhen
LED Lighting
Telecom

Solution Engineering Centers

Global Channels to Market

大聯大控股
WPI 世平集團
World Peace Industrial Group

AVNET electronics marketing

Digi-Key .com

OSE OS ELECTRONICS CO., LTD.

BRITE STONE

EBV Elektronik
An Avnet Company

大聯大控股
品佳集團
SAC Group

ARROW ELECTRONICS, INC.

Premier Farnell

WT

YOSUN

UNIQUEST

FUTURE ELECTRONICS

LONG TRUMP CORPORATION

Rochester Electronics

P&S 力源

PROTECH

ONSTONE 安世通

chip 1 stop
An Arrow Company

MOUSER ELECTRONICS
a tti company

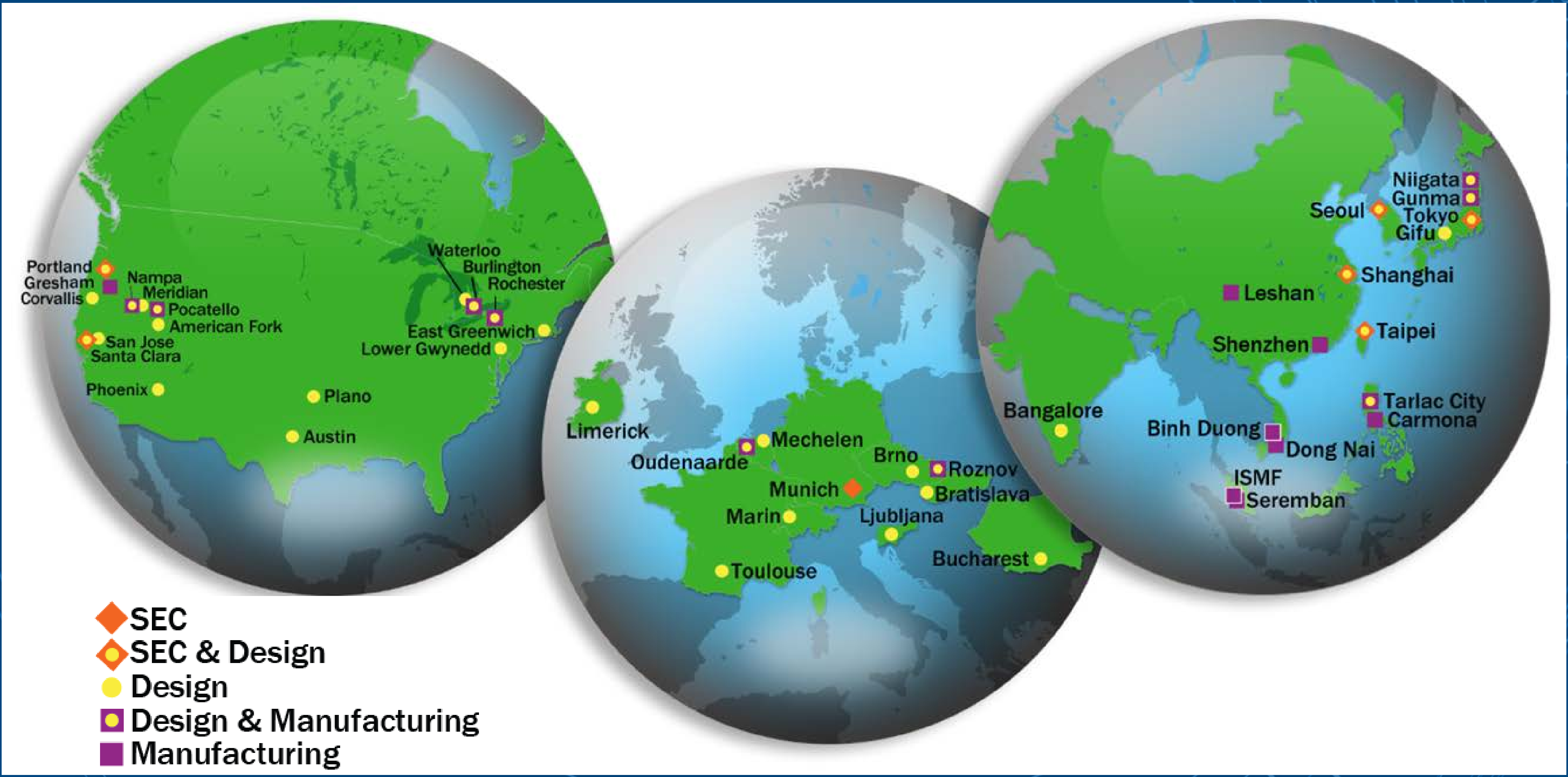
RS

SERIAL 新曄集團

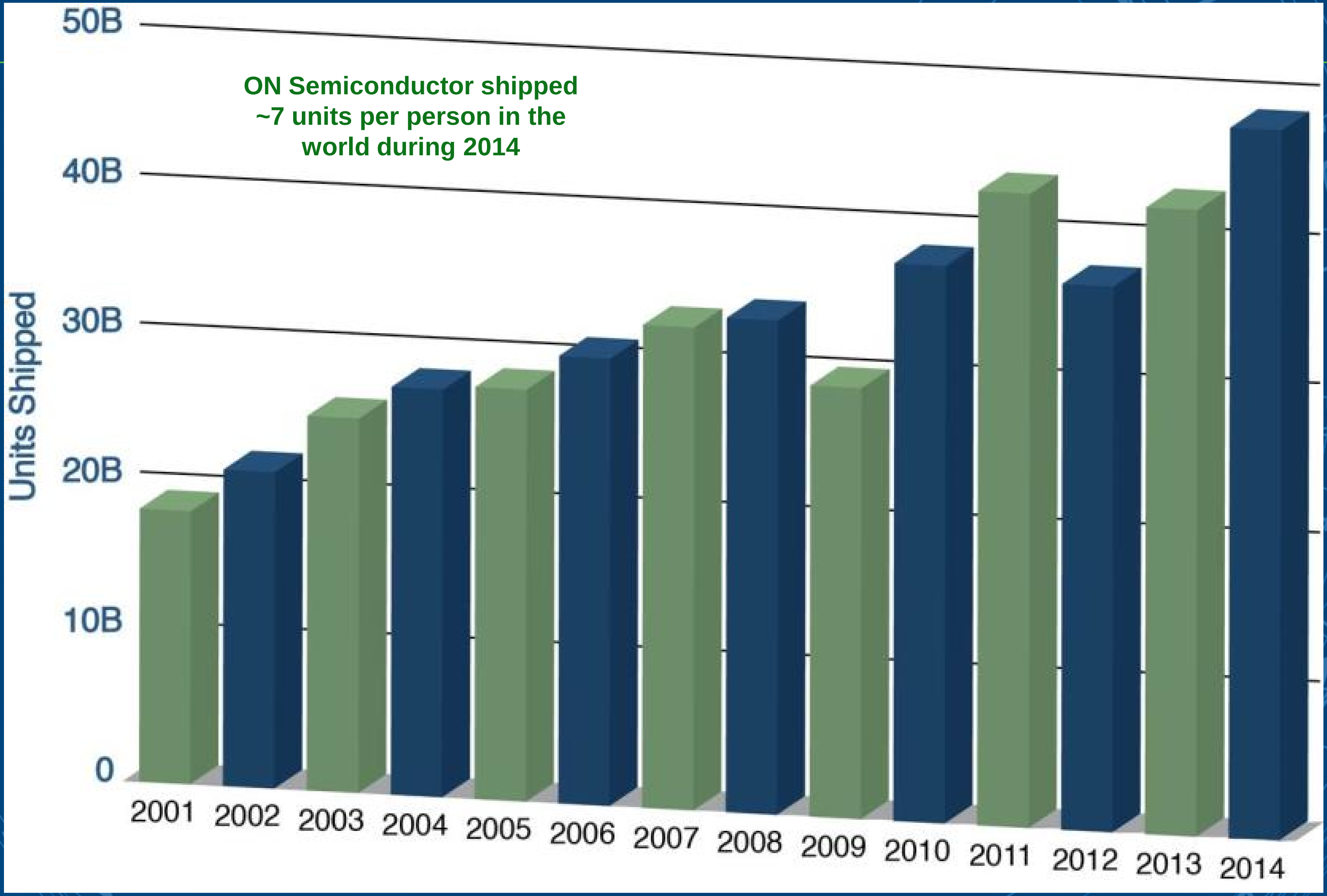
RYOSAN

macnica

Global Operations and Support



World-Class Logistics



Capital Expenditures

2015 up to support market expansion

Global Environmental Sustainability

Commitment: ON Semiconductor is dedicated to annually reducing consumption to achieve total reduction of electricity consumption, water consumption, and carbon emission by 5 percent in 2015 versus 2011.

Reclaim / Recycle: During 2013, more than 1,100 metric tons of scrap materials and 1,500 pounds of precious metals from the company's worldwide manufacturing facilities were processed, sorted, and sold for reuse. The reclamation of these materials recouped more than $31 million in 2013 alone.

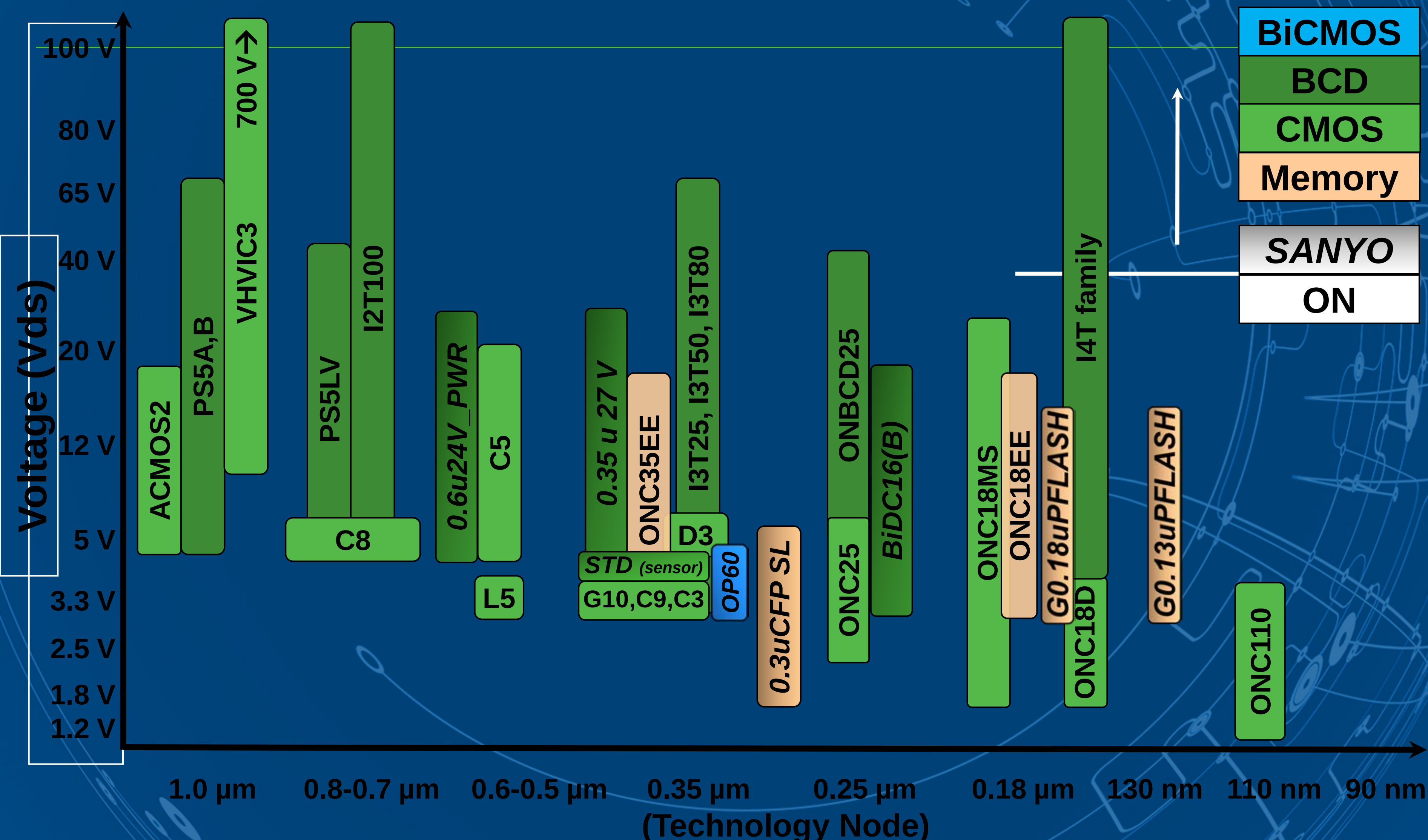
Network Optimization: Logistics teams - responsible for the annual shipment and delivery of over 40 billion products - has reduced the company's carbon footprint by reducing in-transit mileage logged by more than 50 million miles per year.

The company's right-size packaging program has significantly reduced the amount of corrugated carton materials and polyethylene-base materials being used – a reduction of more than 23 tons annually.

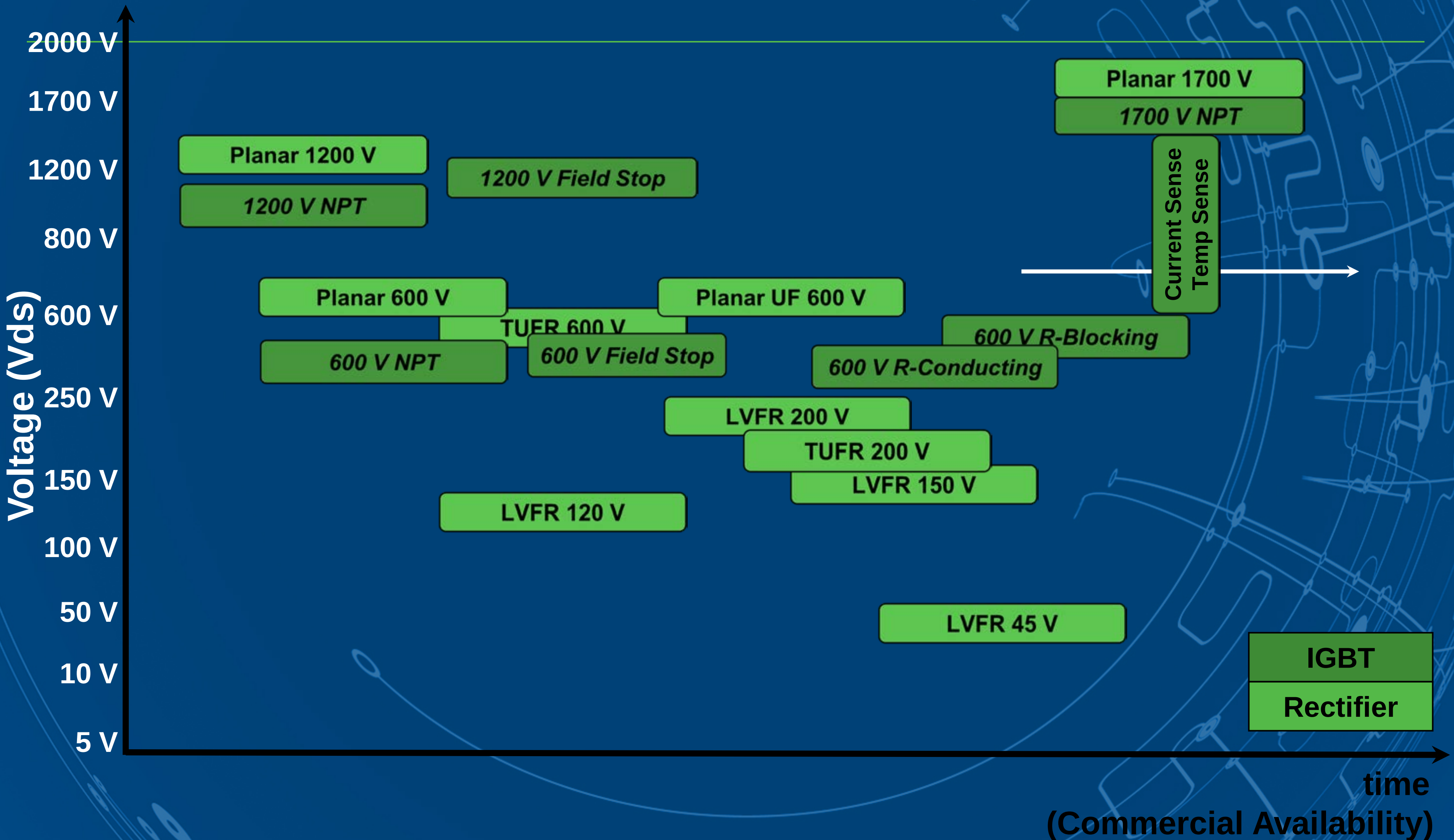
Standards: The vast majority of ON Semiconductor's product portfolio has been converted to meet industry RoHS standards. Most products are available in lead-free (Pb-free) packaging.

Partnerships: Membership in the **Electronic Industry Citizenship Coalition's (EICC)** including their Environmental Sustainability and Conflict Minerals groups; the Semiconductor Research Corp's **(SRC)** global **Energy Research Initiative (ERI); Carbon Disclosure Project;** Europe's **Energy for a Green Society** ENIAC JU project, Power Sources Manufacturers Association (**PSMA**), and the **China Power Supply Society.**

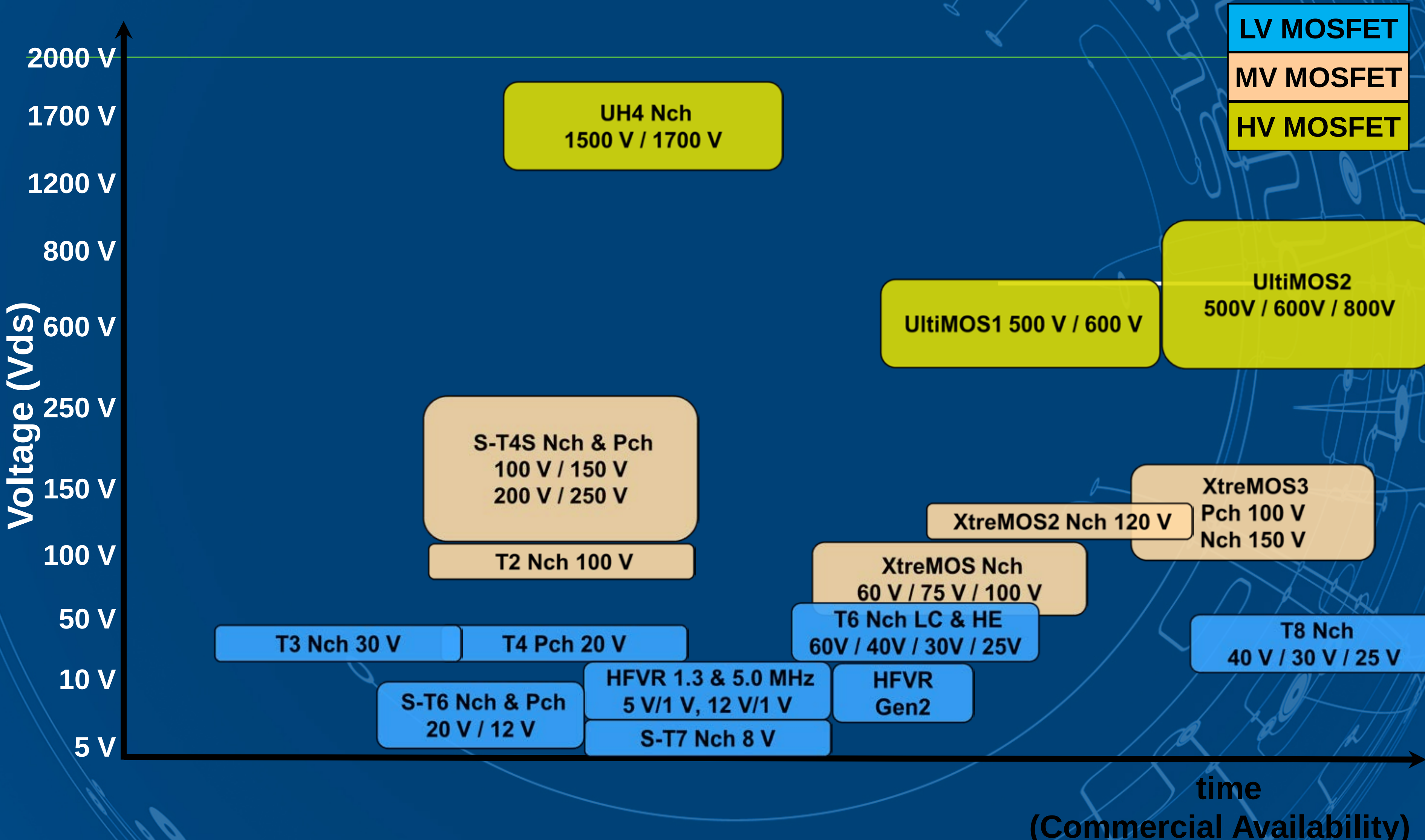
CMOS/BCD Technologies



IGBT / Rectifier Technologies



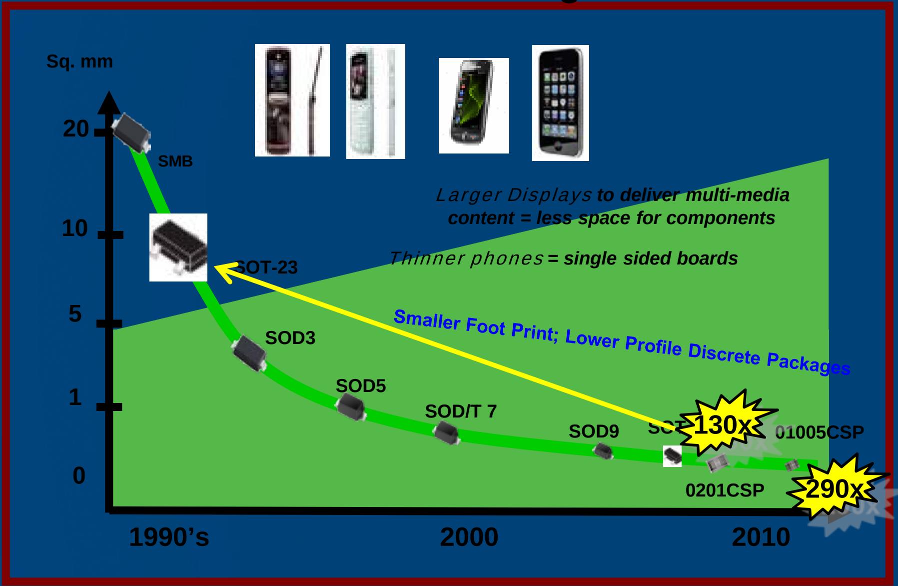
Power MOSFET Technologies



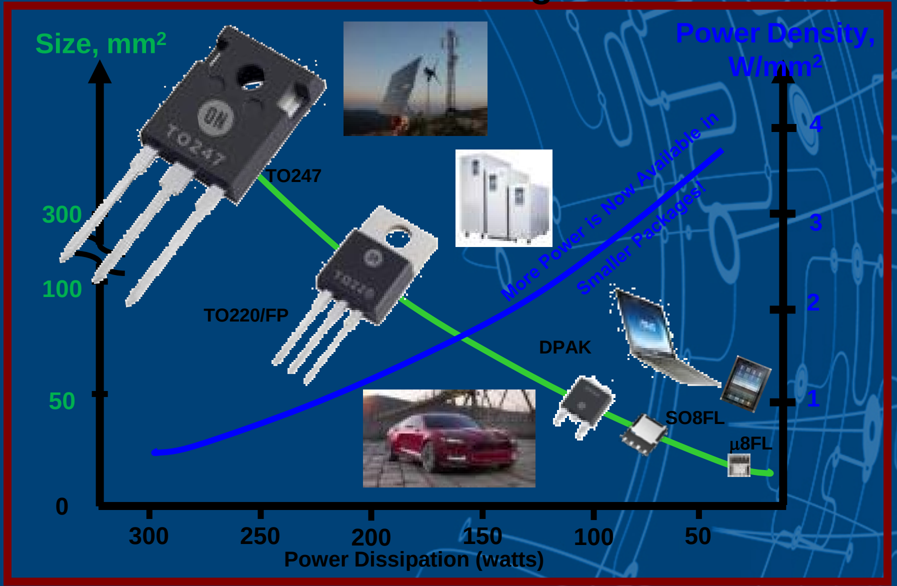
Advanced Packaging

ON Semiconductor is a leader in CSP, Micro and power dense packaging

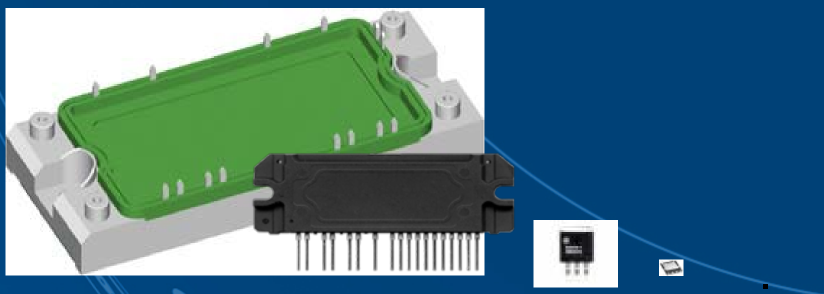
Smaller Form Factors Driving Need for CSP



Power Packages



Range of Sizes



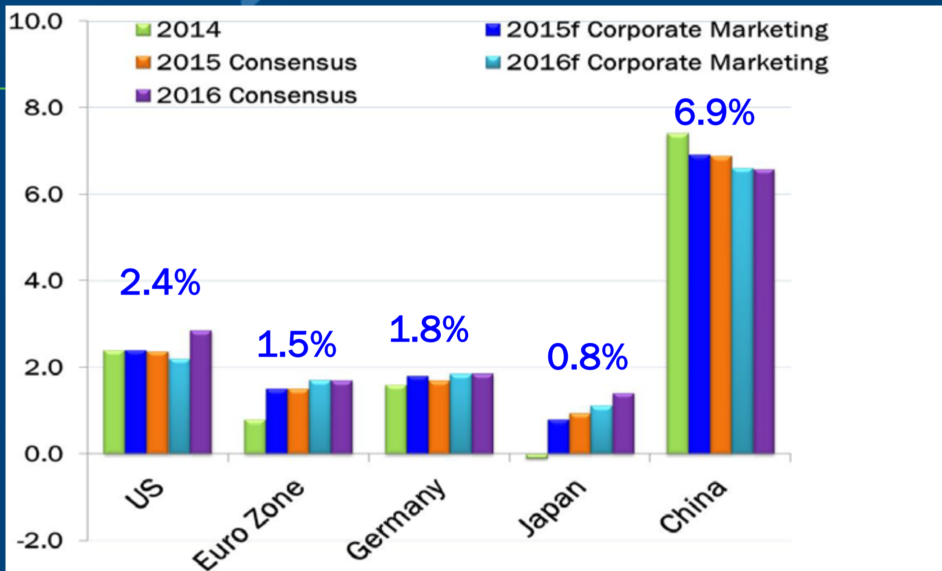
PIMS IPM Dpak SO8FL DFN0201

Power Packages: MOSFETs, IGBTs, Rectifiers

- Power density is key. Moving quickly to surface mount.
- ON Semiconductor offers power packages with superior power density:
  - SO8FL, µ8FL,PhaseFET dual MOSFET
  - Thermally Enhanced SO8FL (cooling from the top and bottom)
    - 50% improvement over the competition.
- Moving into modules: PIMs & IPMs.

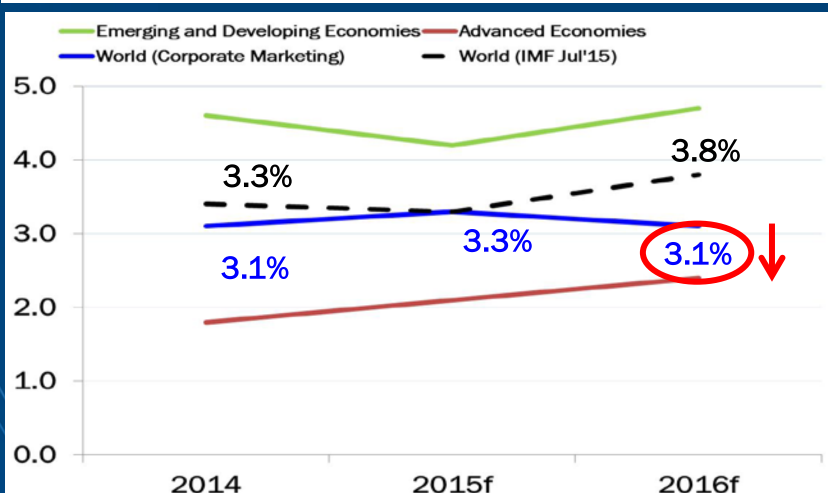
Macroeconomic and Industry Update

Global Real GDP Outlook



	GDP Update		Qtr Trend (bps)
➢ China:	Q2 = 7.0%	2015f = 6.9%	0
➢ Germany:	Q1 = 1.1%	2015f = 1.8%	-170
➢ US:	Q1 = **-0.2%**	2015f = 2.4%	-240
➢ Japan:	Q1 = 3.9%	2015f = 0.8%	+270

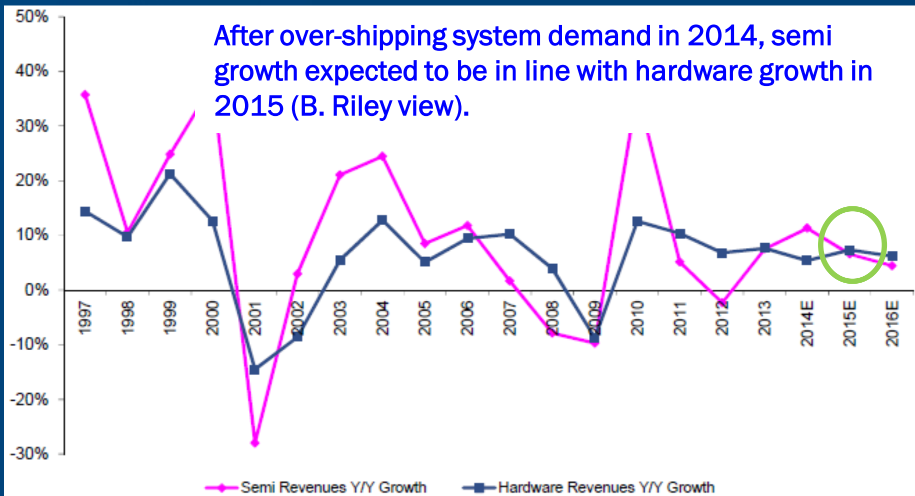
Note: US, Germany and Japan quarterly GDPs are annualized rates; China quarterly GDP is year-over-year growth rate

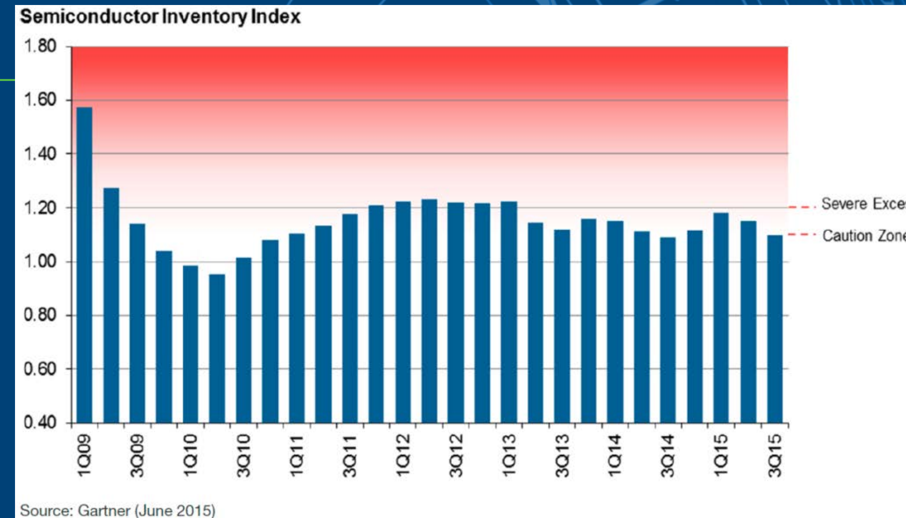


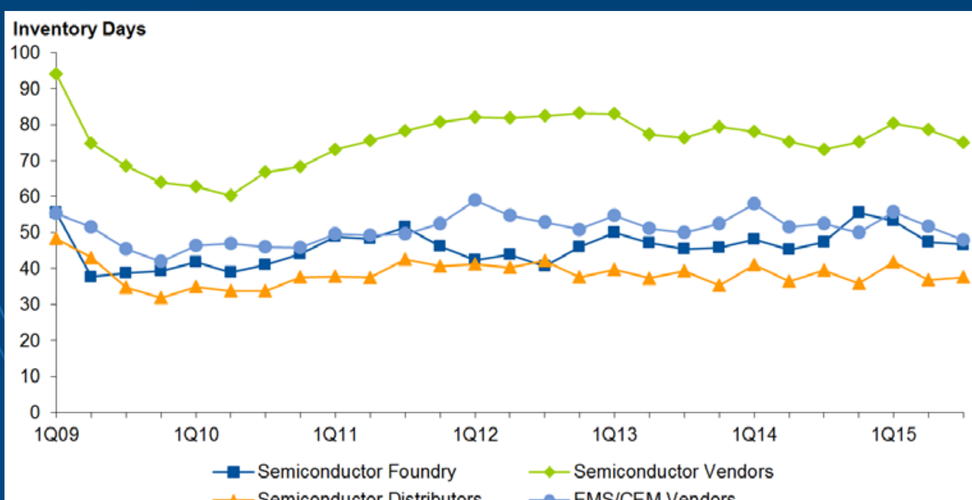
Expect modest growth in 2015 led by the Euro Zone and Japan

Sources: IMF Jul'15, The Economist, Bloomberg, National Bureau of Statistics of China, Japan Cabinet Office, The Federal Statistical Office (Destatis), Bureau of Economic Analysis (U.S Department of Commerce), Wall Street Journal, Markit, ISM, Federal Reserve, Corporate Marketing

Semiconductor Market Indicators







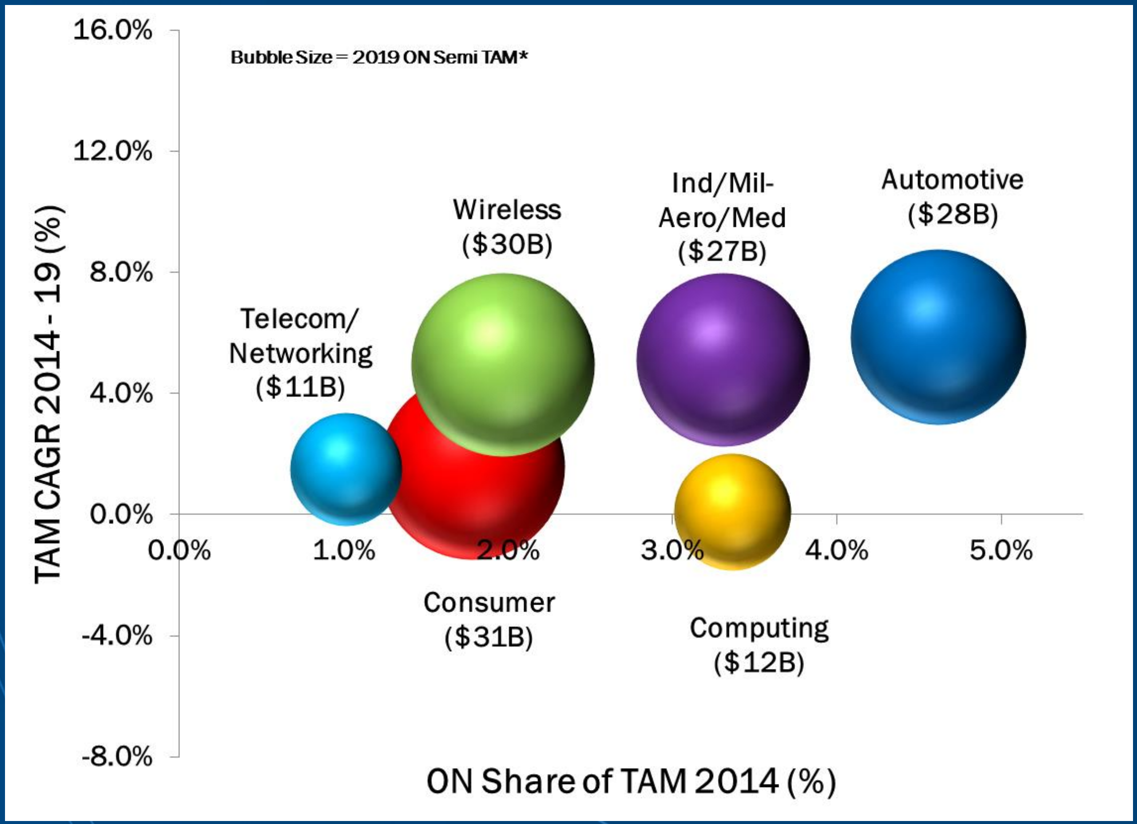
- Global semi growth expected to be in line with hardware sales growth in 2015
- Semiconductor inventory stable following modest growth in 1H15 and remain in-line with historical levels. Distribution DOI remains generally lean, particularly in Asia.

Inventory throughout the supply chain remains stable

Source: Gartner Jun'15, B. Riley Jan'15, Corporate Marketing

Semiconductor Outlook by Market Segment

Global Semiconductors



- Smartphones and tablets drive wireless growth. Expect LTE rollout and increasing mobile data to drive telecom and networking investment. Wearable devices begin to ship in volume.
- Increasing electronics content for fuel economy, active safety and convenience drive semiconductor growth.
- Global energy legislation drives growth in high-efficiency industrial motors, power supplies, white goods and LED general lighting. Emergence of Industrial IoT and mHealth devices.
- Windows 10 and Intel Skylake platform launches in Q3'15 could spur new computer upgrade cycle
- Consumer electronics shipments are stabilizing. Anticipate seasonal second half with growth in game consoles, flat panel TVs and wearable devices.

Source: IHS AMFT1Q15 & 2Q15, Semiconductor Forecast Database, Gartner 2Q15, Strategy Analytics Jan'15, Corporate Finance, Corporate Marketing
*Note: ON Semi TAM excludes MPU, memory and baseband products (see appendix for detailed definition); Industrial includes Mil-Aero and Medical; Tablets are in Wireless

Key Takeaways

- **Expect 2015 global GDP growth of 3.3%, exceeding the 2014 growth rate of 3.1%**
  - US GDP growth expected to stay at 2.4%, the same growth as in 2014
  - China GDP growth outlook further decelerating to 6.9%
  - Japan GDP growth expected to increase to 0.8%, recovering from the 0.1% contraction in 2014
  - Euro Zone continues to recover with 1.5% GDP growth, after a 0.9% GDP growth in 2014

- **Global governments and central banks providing economic stimulus to spur growth**
  - Significant Japan growth stimulus and accommodative monetary policies
  - ECB has announced an ~€1 trillion QE program
  - US Federal Reserve expected to take cautious approach to rate increases to maintain growth
  - China introducing additional stimulus to maintain economic growth

- **Expect global semiconductor sales to decelerate in 2015 with low single digit growth and peer group sales to contract slightly**
  - Smartphones, Automotive and Industrial electronics remain primary growth catalysts
  - Memory and baseband chipsets largely account for 2015 semiconductor growth
  - Inventory levels generally lean and stable across the supply chain

- **Lower global economic growth in 2016 could result in a global semi industry contraction in the year.**

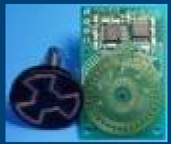
Focus Vertical Markets

Automotive Segment

2014 Revenue = $964M (30.5% of Company Revenue)

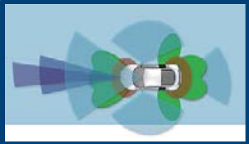
Leading Positions: Powertrain, Body, Active Safety, Lighting, Power Supplies, In-Vehicle Networking


Engine Control


Sensors

Starter Alternator


Vehicle Electrification


Viewing and ADAS Systems


Interior & Exterior Lighting


Ultra-Sonic Park Assist


Advanced Frontlighting Systems

In-Vehicle Networking



Body Electronics

Motor Control



Connectivity

Growth Drivers

- **Fuel Economy & Emissions Reduction**
- **Active Safety & Autonomous Driving**
- **Vehicle Electrification**
- **Connectivity**
- **LED Lighting**

ON Semiconductor Solutions

- **Sensor Interface, Power Management, Igniters, FlexRay, ASICs, ASSPs, ISO26262 (ASIL)**
- **Image Sensors, Power Mgmt, Communications, Sensor Interface, ISO26262 (ASIL), Protection**
- **FS IGBT, High Efficiency FETs, PIMs, Gate Drivers, IPMs, ASICs, ASSP's**
- **Power Management, Protection, Wireless Charging Circuits, In-Vehicle Networking**
- **LED Drivers, Motor Control, Image Sensors, Power Management, Protection, MOSFETs**

Automotive Segment

2014 Revenue = $964M (30.5% of Company Revenue)

Leading Positions: Powertrain, Body, Infotainment, Power Supplies, In-Vehicle Networking


Engine Control


Sensors

Starter Alternator


Transmission control


•Xenon/LED / Halogen Front lighting


•Rear / Exterior Lighting


Cluster illumination & Interior Lighting


•Advanced Frontlighting Systems


Infotainment


Audio Systems

Market Outlook

- Automotive semiconductor growth forecast to be >9% year on year
- Emerging markets represent >50% of global vehicle sales
- Fuel economy, safety, convenience and infotainment drive growth
- HEVs / EVs drive ~5X higher semiconductor content per vehicle in Powertrain electronics

Key Company Growth Drivers

- Advanced LED Lighting ICs
- Electric Power Steering, Electric Parking Brake, Park Assist ICs
- Start-Stop ICs (uHybrid)
- SMPS, Motor Driver ICs, IPMs
- Angular, Pressure and Position Sensor Interface ICs
- LIN, CAN, FlexRay Transceivers
- MOSFETs, IGBTs, Protection

Customer Alignment

GM
BMW
Continental
Valeo
BOSCH
HELLA
Pioneer
clarion
DAIMLER
FUJITSU TEN

Automotive Content

BOM Opportunity of up to $350 per Vehicle

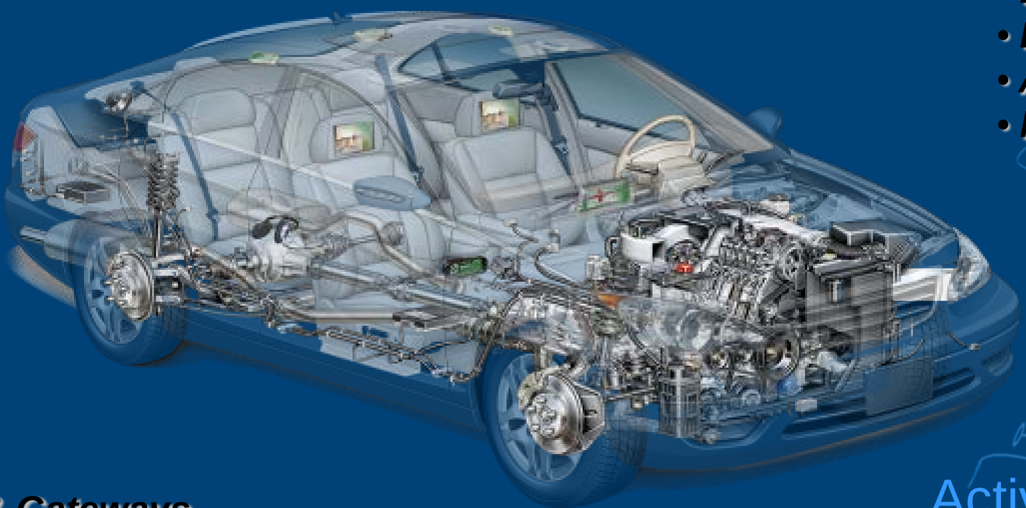
Fuel Economy & Emissions Reduction (Powertrain)

- ***Engine Control***
- ***Transmission***
- ***Ignition***
- ***Sensor Interface***
- ***Start – Stop***
- ***48V/HEV/PHEV***
- ***EV***

Power Supplies

Lighting

- ***LED Exterior***
- ***LED Interior***
- ***HID Front Lighting***
- ***Advanced Front (AFS)***
- ***Motor Control***



Body & Interior

- ***Body Computers & Gateways***
- ***HVAC***
- ***Door***
- ***Motor Control***
- ***Smart-Junction Box***
- ***Instrument Clusters***
- ***Bus Protection***
- ***Infotainment***
- ***Active Antenna***

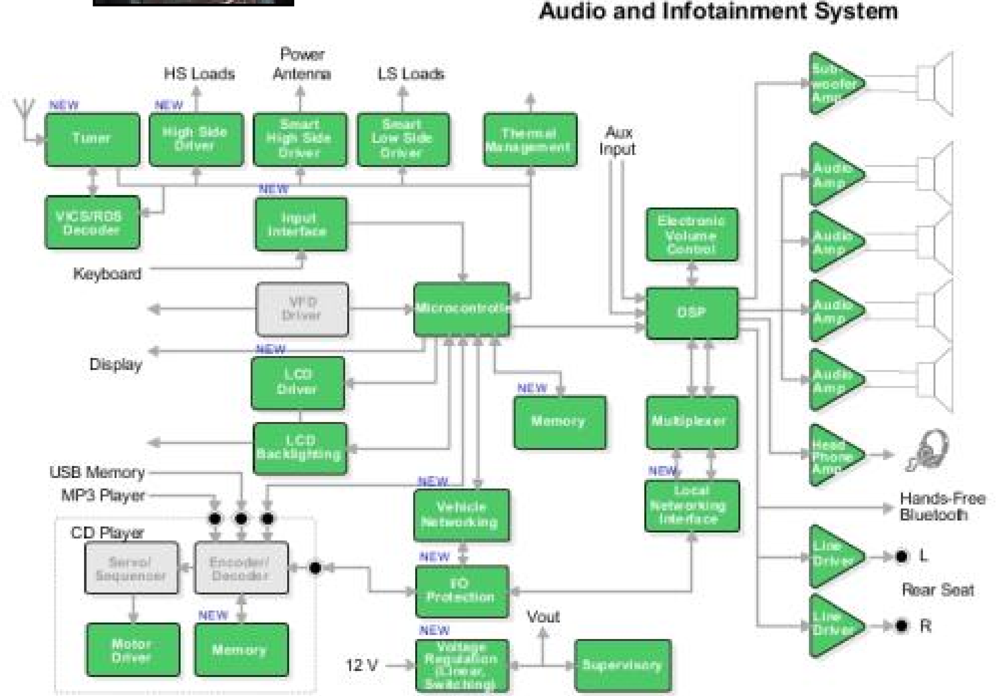
In-Vehicle Networking

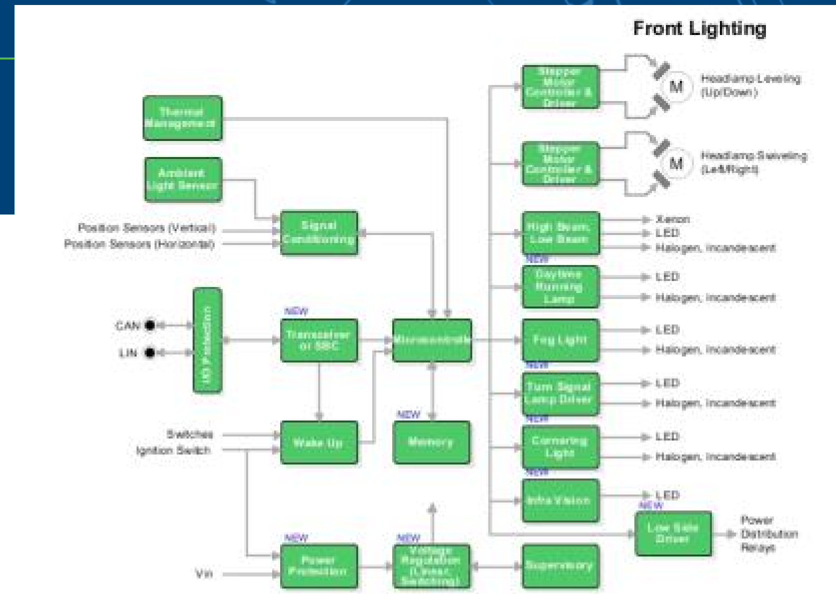
- ***LIN/CAN***
- ***FlexRay***
- ***Ethernet***
- ***System Basis Chips***

Active Safety

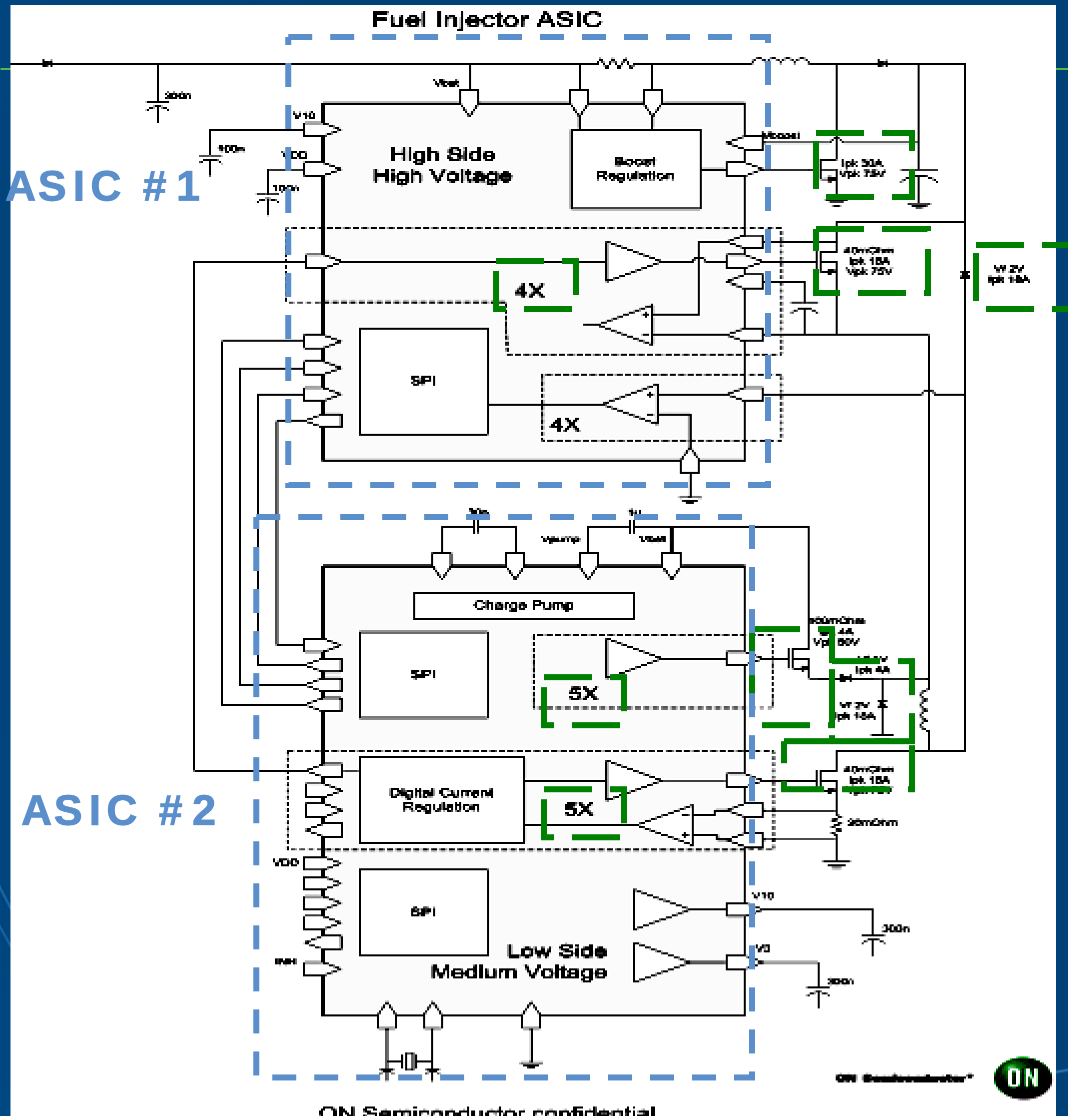
- ***Electronic Power Steering***
- ***Park Assist***
- ***Dynamic Braking***
- ***Suspension***
- ***Advanced Driver Assistance***

Automotive Content





Automotive Case Study



High Efficiency
Fuel Injection System

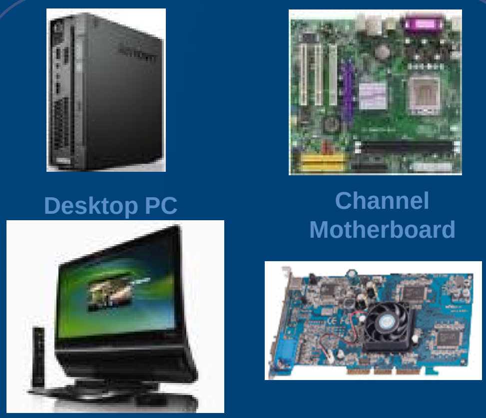
Full Production 2.5 M/yr

ASICs	2
MOSFETs	15
Rectifiers	11
Total devices	**28**

Computing Segment

2014 Revenue = $411M (13.0% of Company Revenue)

Leading Positions: CPU and Graphics Power, MOSFETs, Protection, Power Supplies



Growth Drivers

- Increasing power density and efficiency
- High speed data interfaces with power delivery
- Data center servers for “cloud computing”
- 2-in-1 convertibles on Windows 10 at volume prices

ON Semiconductor Solutions

- Power and battery management (#1)
- Power supplies and adapters
- ESD protection (#1), MOSFETS
- Vcore (#1)

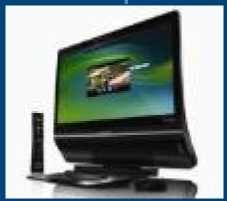
Computing Segment

2014 Revenue = $411M (13.0% of Company Revenue)

Leading Positions: CPU and Graphics Power, MOSFETs, Protection, Power Supplies

Desktop PC

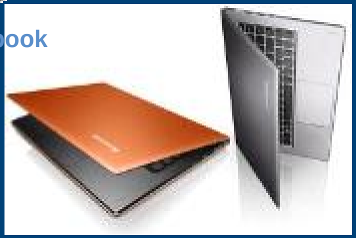
Channel Motherboard



AIO Computer

Graphics Card

Notebook



Ultrabook

Entry Level Servers

Market Outlook

- Mature market slowed by macro economics and alternative consumer devices (tablets, etc)
- Emerging markets driving category growth
- Windows 8 and Ultrabooks expected to stimulate demand

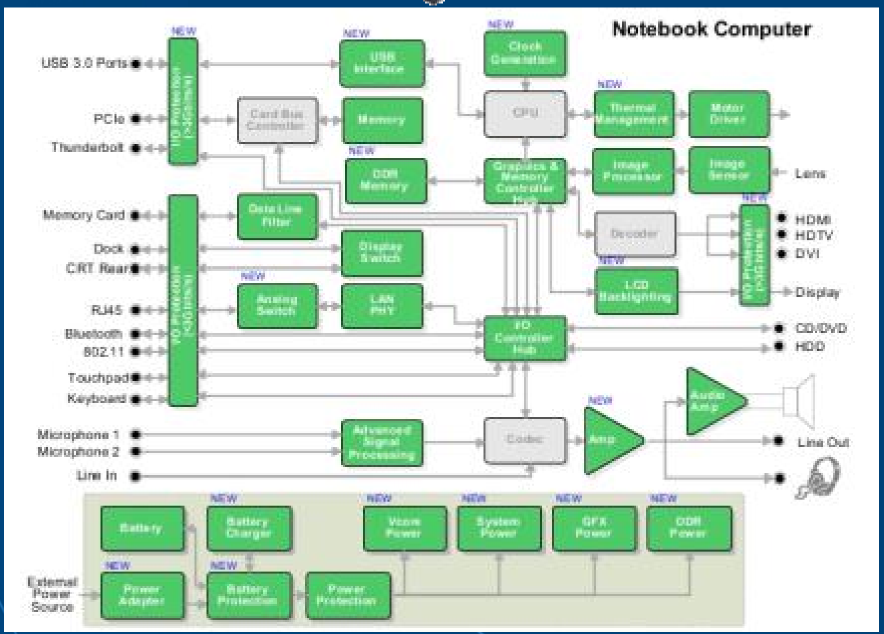
Key Company Growth Drivers

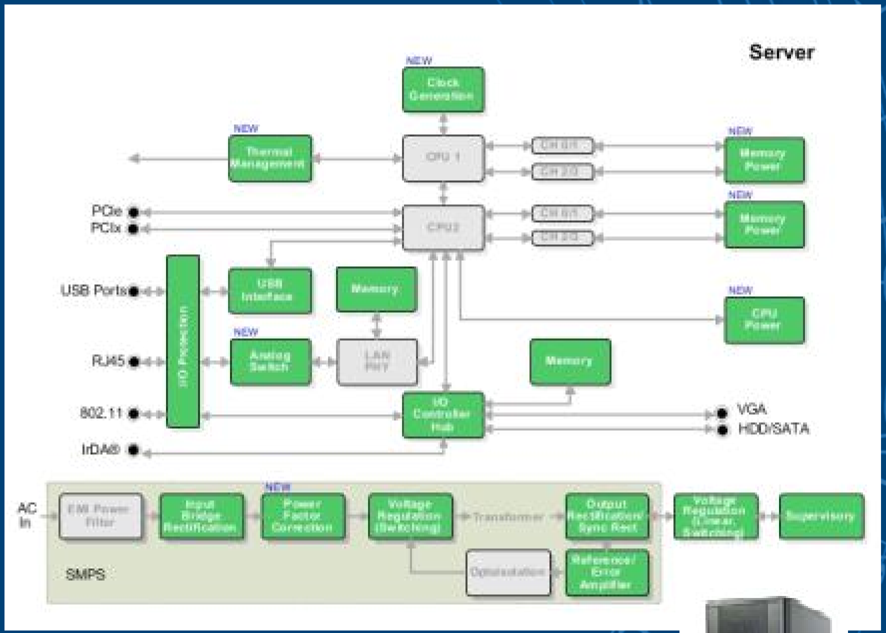
- Vcore DC-DC PWM ICs (#1)
- HFVR for Ultrabooks
- Low Cap ESD for High Speed Serial Interfaces (USB 3.0, HDMI) (#1)
- DC-DC ICs for System / Memory Rails and POL in Servers
- AC-DC ICs for Power Adapters in Computing (#1)

Customer Alignment

lenovo, hp, DELL, ASUS, acer, SAMSUNG, PEGATRON, FOXCONN, COMPAL, wistron, Quanta Computer

Computing Content

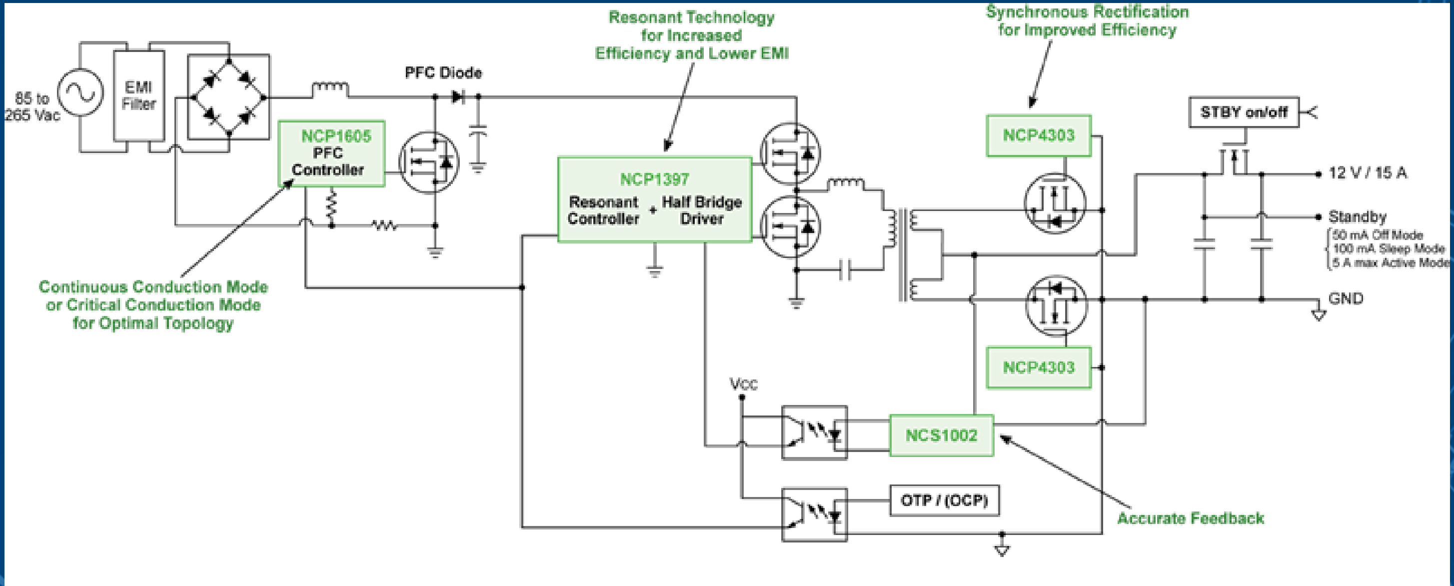




Computing Case Study

All-in-One Desktop Power Supply

- Resonant technology for increased efficiency and lower EMI; Active mode efficiency ~92%
- No-load power consumption < 370 mA
- Exceeds 80 PLUS® Silver and CSCI® Silver efficiency requirements for Single Output Computing Power Supplies
- Exceeds ENERGY STAR® 2.0 efficiency requirements for external power supplies
- Meets IEC 61000-3-2 requirements for power factor >0.90 from 90 to 265 Vac



All-in-One Power Supply Simplified Block Diagram

Communications Segment

2014 Revenue = $575M (18.2% of Company Revenue)

Leading Positions: Optical Imaging, Power and Battery Management, RF Tuning, Protection

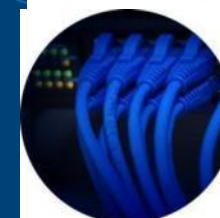
Smartphone

Tablet

Wearable

Base Station

Customer Premise Equipment



Enterprise Routers

Growth Drivers

- Rapid growth in smartphones
- High resolution cameras (10+ megapixel)
- High power requirements for smartphones
- Rapid and wireless battery charging
- 4G LTE and 4G LTE-A technology roll out

ON Semiconductor Solutions

- Image Sensors, Auto Focus, and OIS for camera modules
- ESD protection (#1), Common Mode Filters, EEPROM
- Smart wired and wireless charging power and RF tuning solutions
- Battery and power management, power supplies
- Sensors (temp, light, proximity, Hall), clock and timing ICs

Communications Segment

2014 Revenue = $575M (18.2% of Company Revenue)

Leading Positions: Optical Imaging, Power Supplies, Protection, MOSFETs

Smartphone

Tablet

Base Station

Customer Premise Equipment

Enterprise Routers

Market Outlook

- Ubiquitous connectivity
- "The Cloud" enables seamless content across disparate devices
- Smartphones, Tablets and 4G Network deployment drive growth
- Economic uncertainty dampens near-term carrier investments

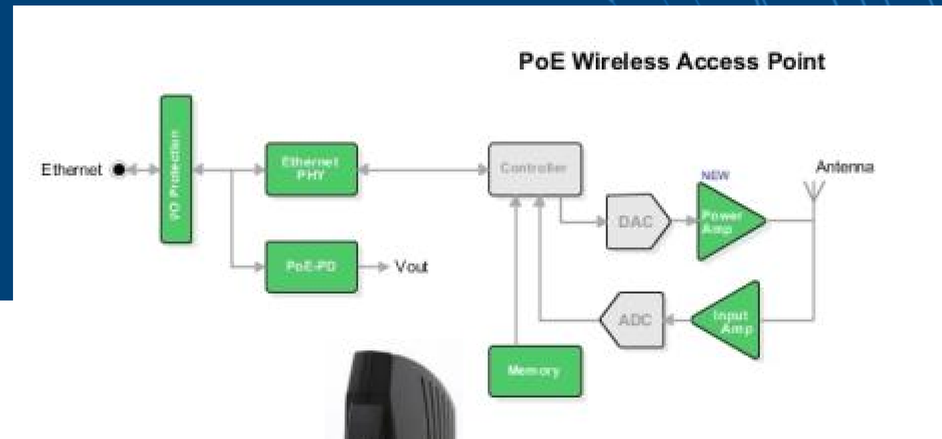
Key Company Growth Drivers

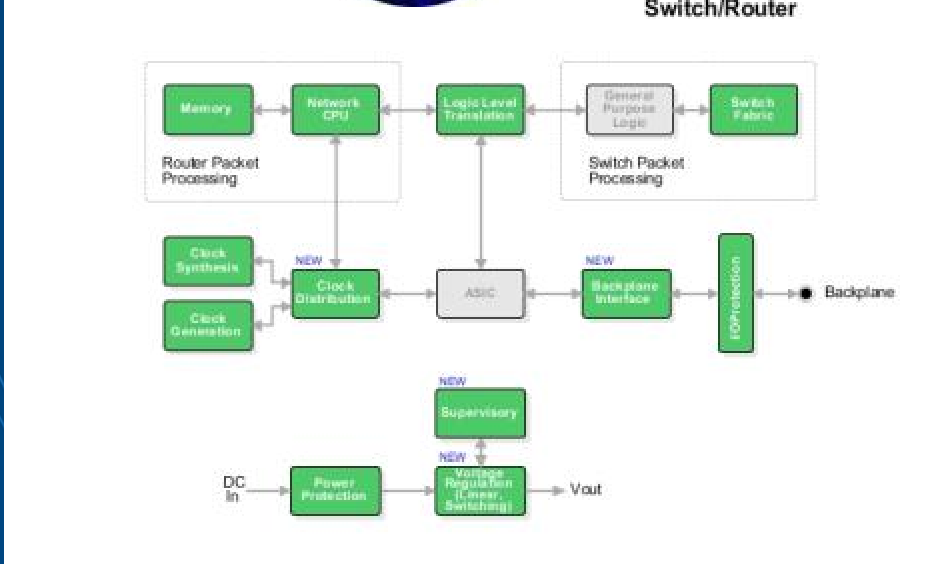
- Auto Focus and Optical Image Stabilization for cameras
- Low Cap ESD Protection (#1) and Common Mode Filters
- Battery Protection, Load and Switch MOSFETs
- AC-DC and DC-DC Power ICs
- Battery Charger ICs
- Clock & Timing ICs

Customer Alignment

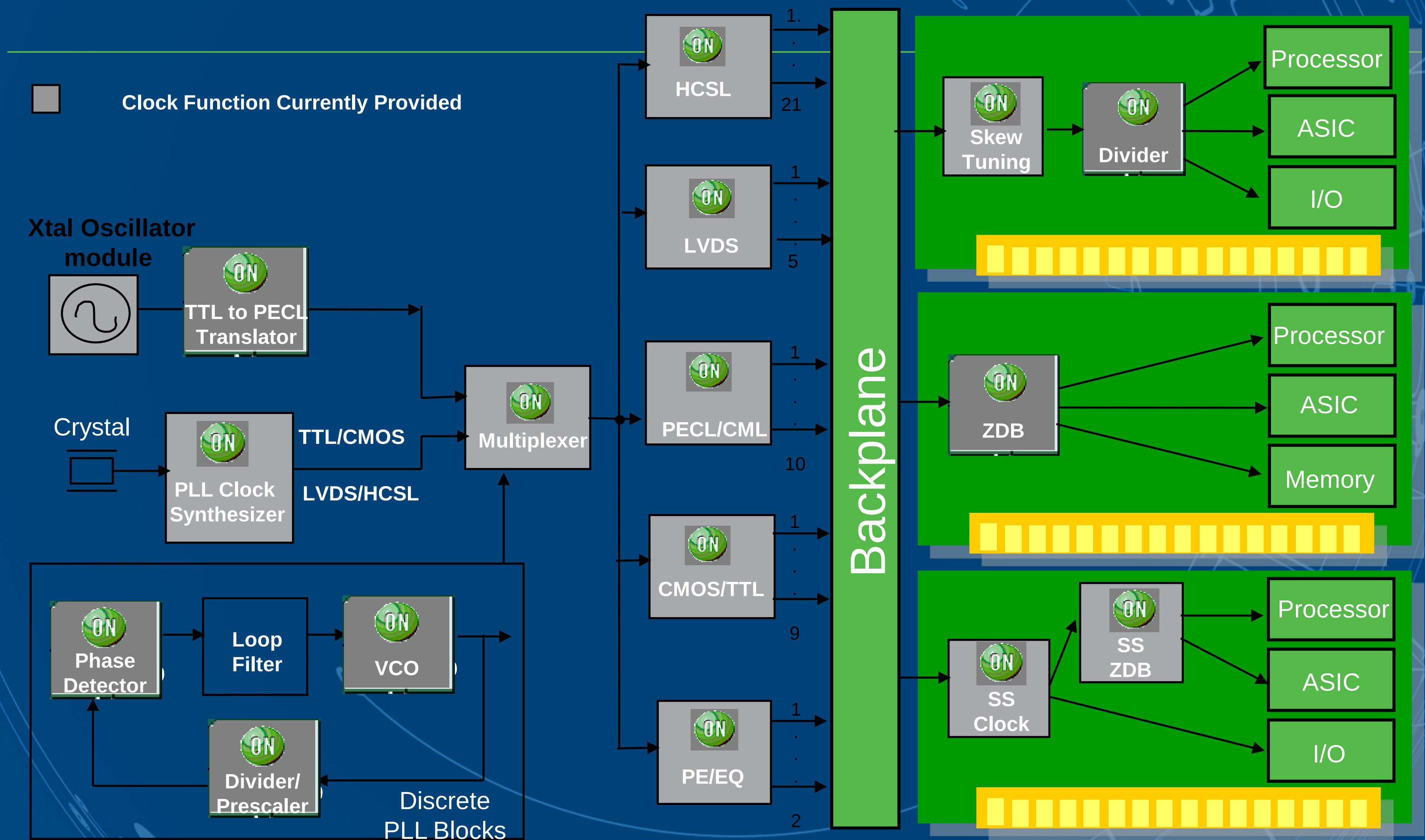
SAMSUNG LG Microsoft CISCO ZTE中兴 SONY ERICSSON HUAWEI Google MOTOROLA

Wired Content

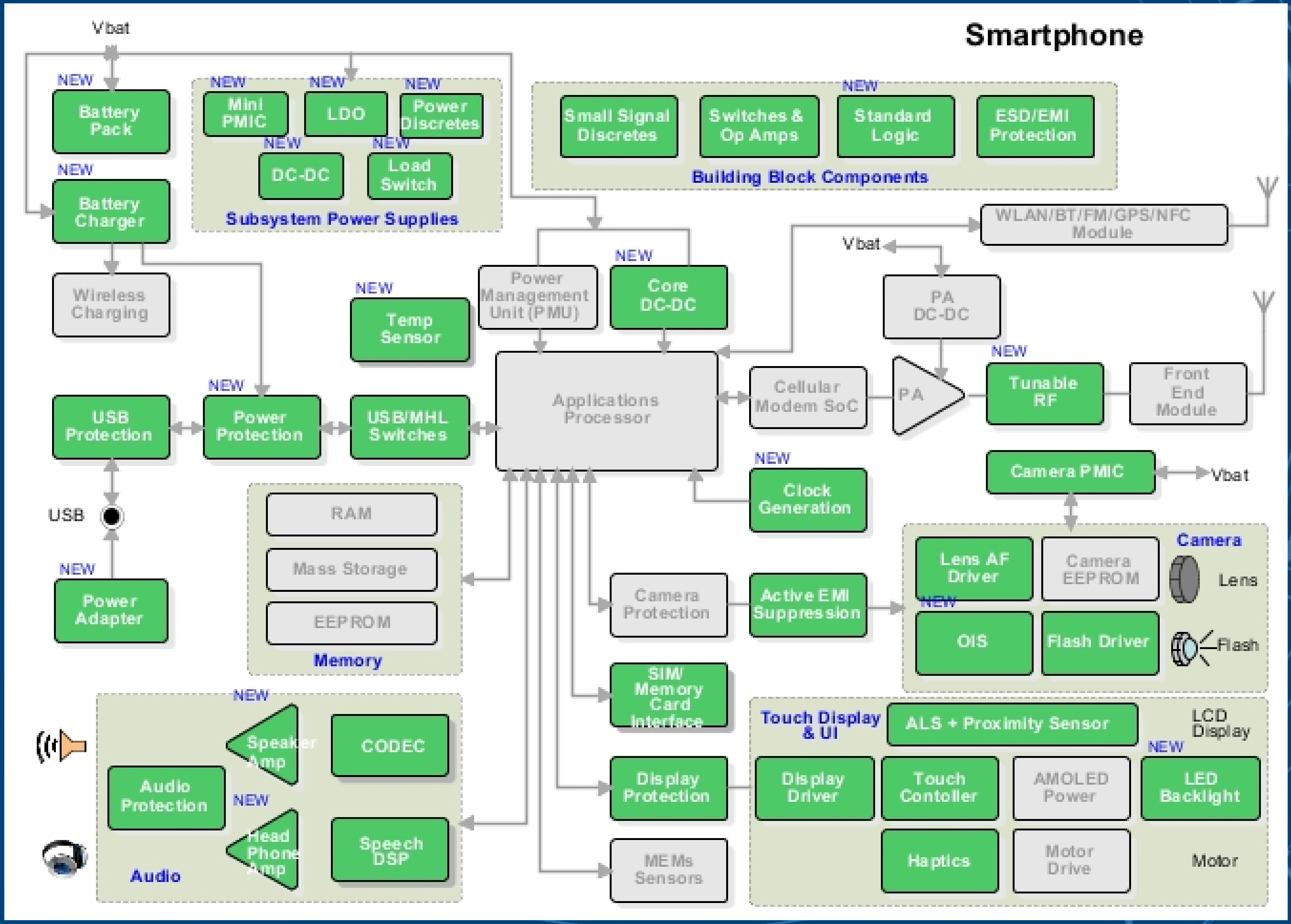




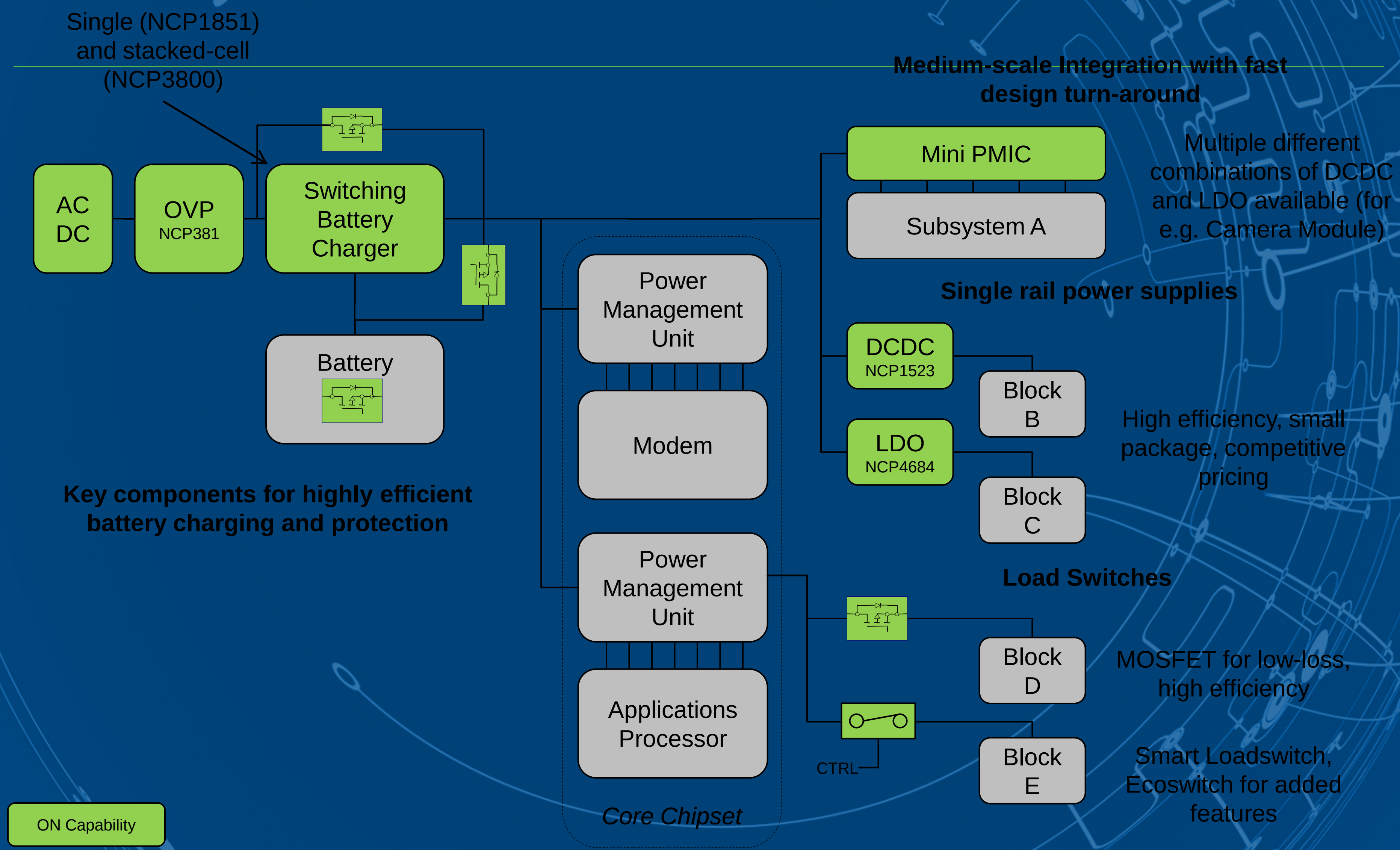
Wired Communications Case Study



Wireless Content



Wireless Case Study



Consumer Segment
2014 Revenue = $509M (16.1% of Company Revenue)

Leading Positions: Inverter IPM, Power Supplies, Protection, Optical Imaging

Backlighting

Protection

Power Supplies

AMOLED Display

Power Supplies and Inverters

Touch Interface

Motor Drive and Control

Smart Grid Connectivity

Power Management

Battery Management

LCD Display

Lens Control

Growth Drivers

- High-efficiency variable speed motor adoption
- High-efficiency power supplies
- Xbox One and Playstation 4 game consoles
- Wearable electronics

ON Semiconductor Solutions

- Inverter IPMs for appliance motors and fans (#2)
- Power management and power supplies
- Touch control, motor drivers, sensors
- ESD for high speed interfaces (USB 3.0, HDMI) (#1), MOSFETs, IGBTs

Consumer Segment

2014 Revenue = $509M (16.1% of Company Revenue)

Leading Positions: Inverter IPM, Power Supplies, Protection, Optical Imaging

Backlighting
Protection

Power Supplies
AMOLED Display

Power Supplies and Inverters
Touch Interface

Motor Drive and Control
Smart Grid Connectivity

Power Management

Battery Management

LCD Display
Lens Control

Market Outlook

- TV market has matured and OEM consolidation continues
- “Smart”, “Connected” devices are changing the way consumers access content
- Global focus on improving energy efficiency in appliances and TVs
- Expect Flat Panel TVs to migrate from LED to AMOLED displays

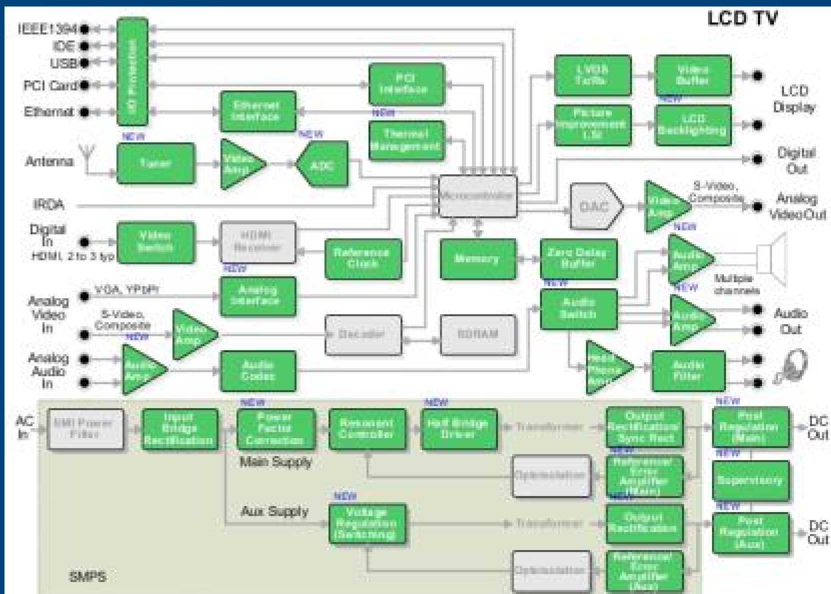
Key Company Growth Drivers

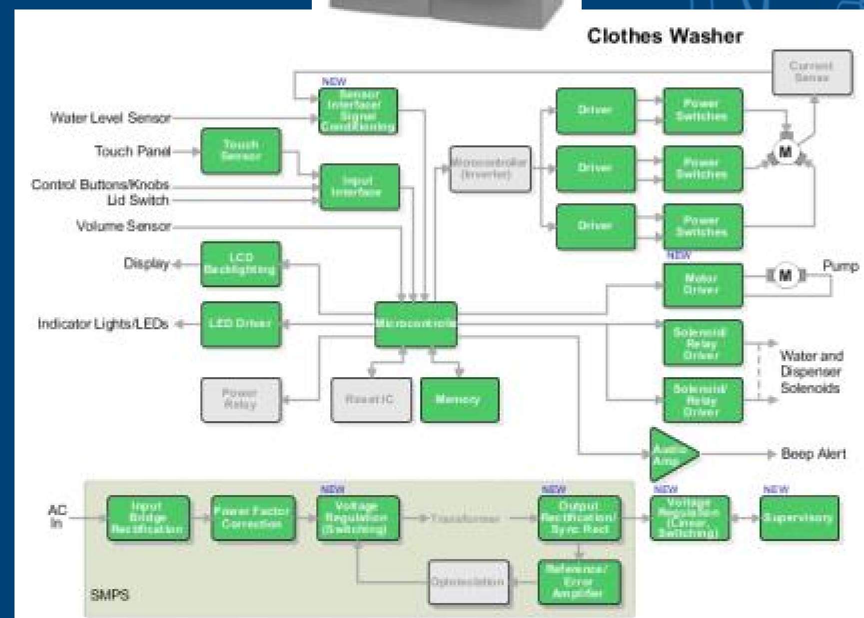
- Inverter IPMs for Appliance Motors and Fans (#2)
- LED Backlighting and AMOLED Display ICs
- AC-DC Power Supply ICs
- Low Cap ESD for High Speed Serial Interfaces (USB 3.0, HDMI) (#1)
- Battery Charger ICs, MOSFETs

Customer Alignment

SAMSUNG LG GE Microsoft SONY Midea Panasonic GREE Nintendo

Consumer Content

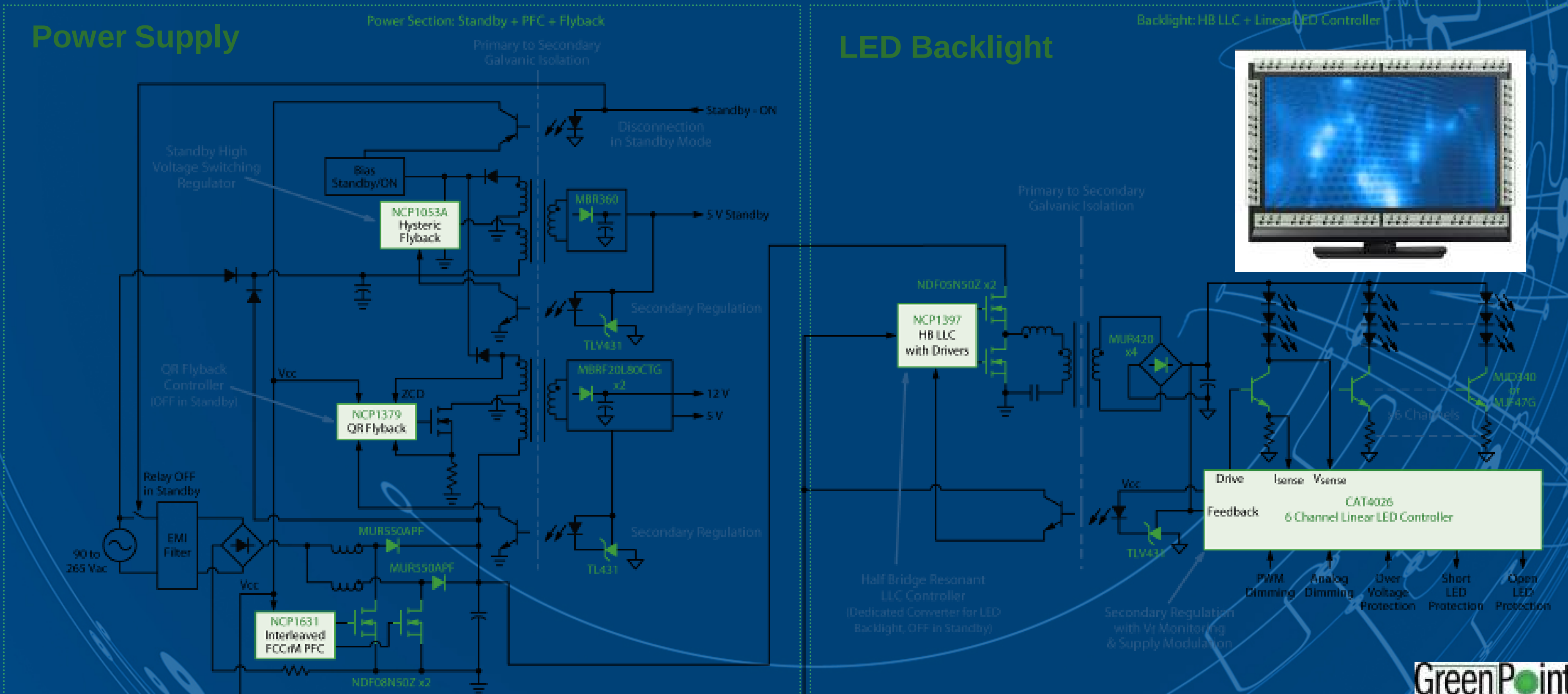




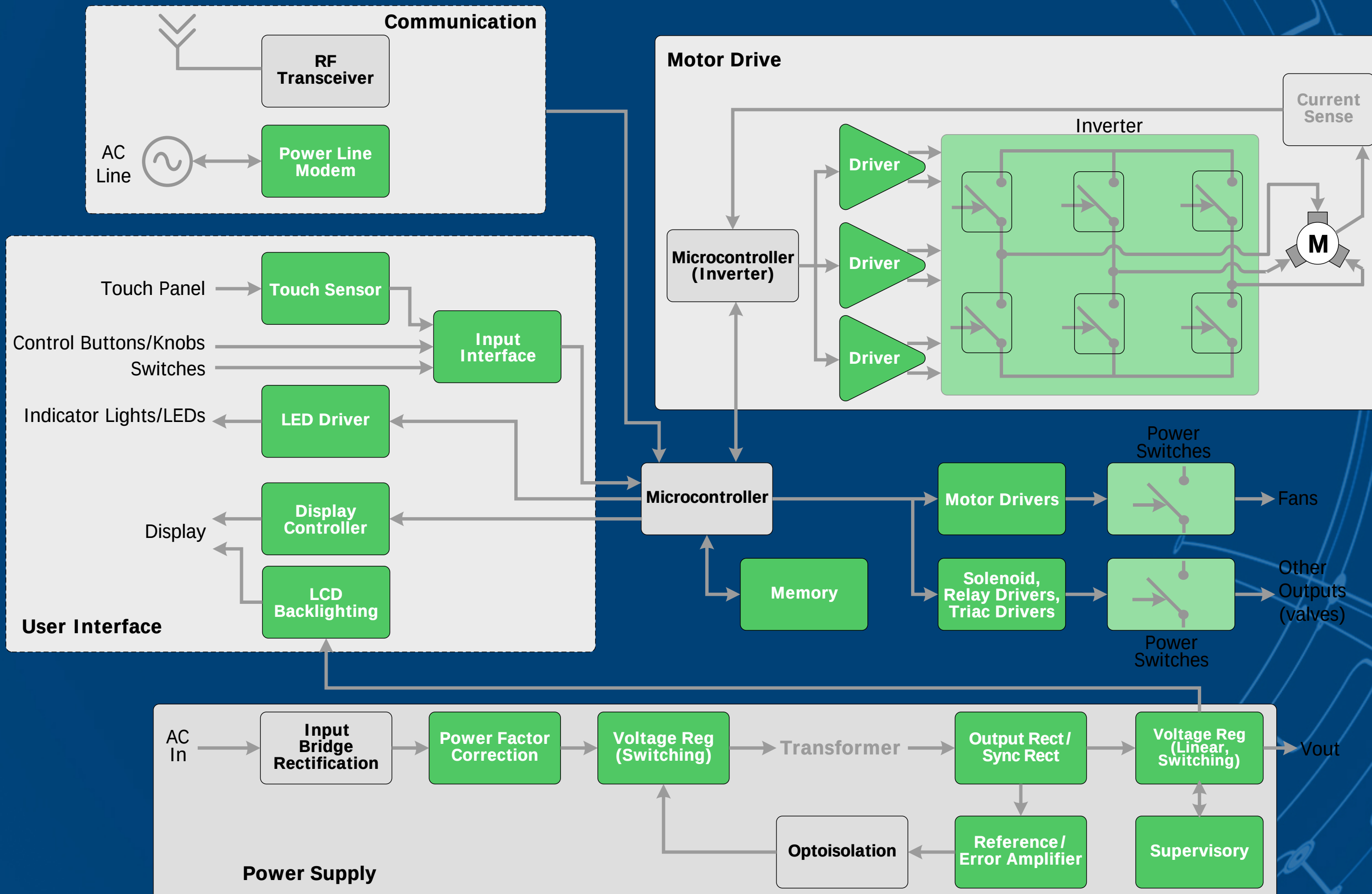
Consumer Case Study – LCD TV

Power Supply & LED Backlighting Reference Design for LCD Flat Panel TV

- **Power Stage Scalable from 40/42” to 52”/55”**
  - Very low standby: P_{in} < 90 mW @ P_{out} = 40 mW
  - Interleaved PFC Critical Conduction Mode Stage (CRM) for higher efficiency and reduced thickness
  - Up to 70 W Flyback converter for Audio Video
- **LED Backlight Section**
  - High DC output voltage (100-300 V) produced by Half Bridge LLC converter (NCP1397 Half Bridge LLC controller)
  - CAT4026, 6-channel Edge LED linear driver
- **Low Profile Design: 8 mm thickness**

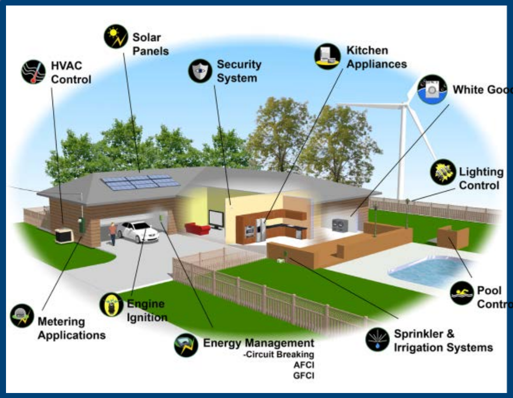


Consumer Case Study – White Goods



Industrial / Medical / Mil-Aero Segment
2014 Revenue = $702M (22.2% of Company Revenue)

Leading Positions: Sensors, Power Modules, Supplies, Circuit Protection, Medical Devices, LED Lighting



Growth Drivers

- The Internet of Things
  - Smart buildings, Security/Surveillance, Industrial Automation, Smart Lighting
- Wearable medical devices
- High-efficiency power supplies and motors (VSDs)

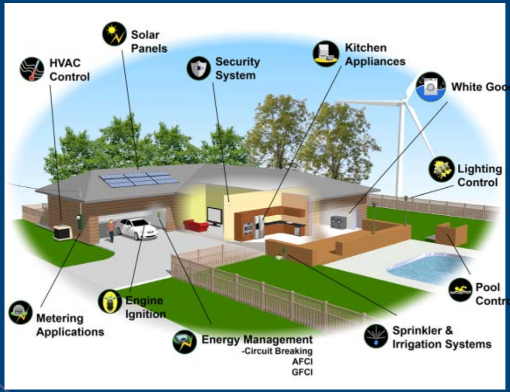
ON Semiconductor Solutions

- Power modules (IPMs, PIMs) and power management
- Image sensors, ISPs, DSPs
- Wired/wireless communications, motor drivers, and LED drivers
- Comprehensive standard products portfolio

Industrial / Medical / Mil-Aero Segment

2014 Revenue = $702M (22.2% of Company Revenue)

Leading Positions: Sensors, Power Modules, Supplies, Circuit Protection, Medical Devices, LED Lighting



Market Outlook

- Market crescendo for IoT peaking; Industry groups and energy legislation helping drive penetration
- Semiconductor content rapidly increasing in building automation
- Transition to Mobile Health drives growth in medical devices

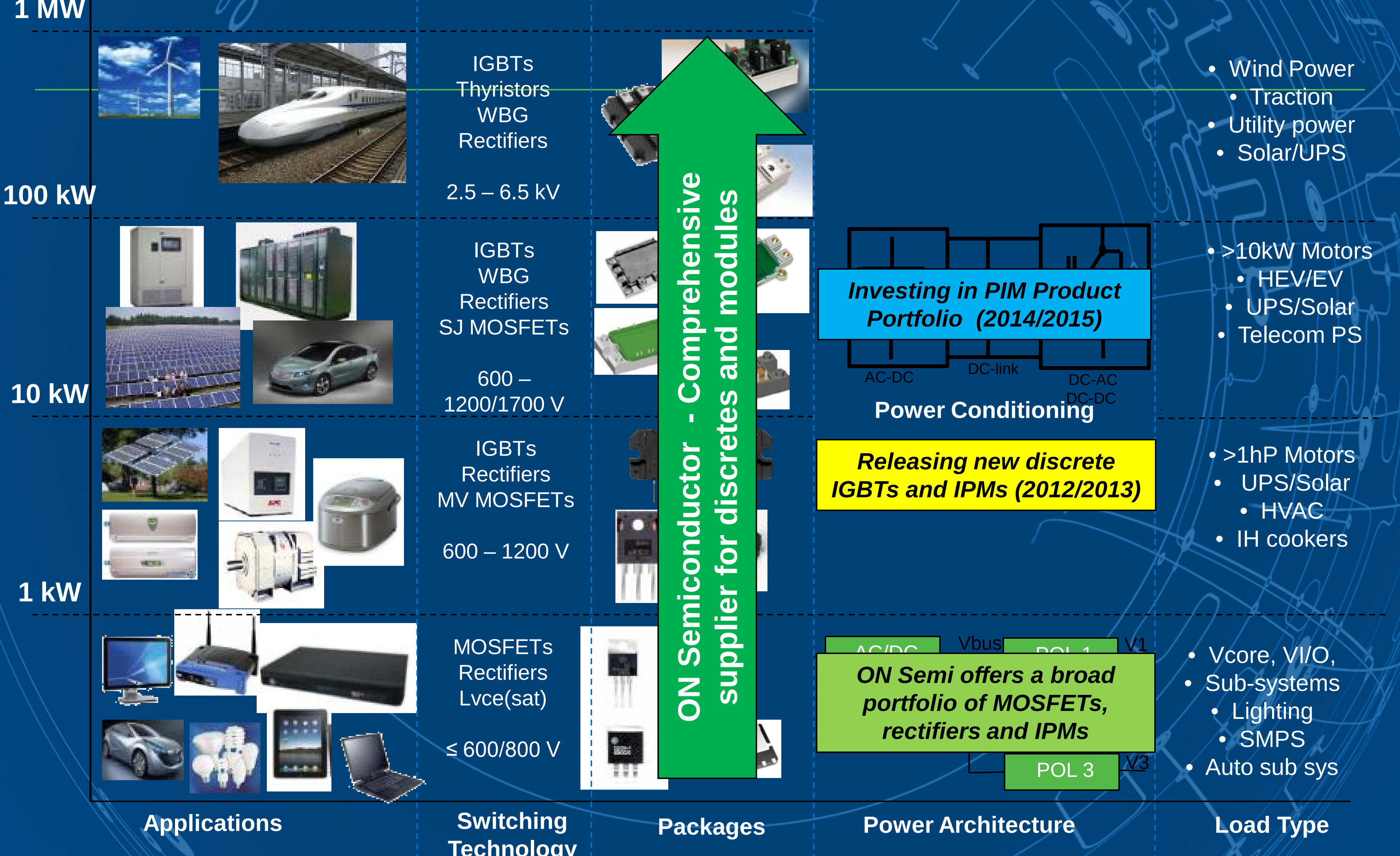
Key Company Growth Drivers

- IPMs for Industrial Motor Control and Power Supplies
- Sensor ICs (Image, Light, Occupancy, Smoke, etc)
- Circuit Breaker ICs with Self-Test and Built-In Diagnostics
- Motor Driver and LED Driver ICs
- ARM-based SOC and ingestible diagnostic ICs

Customer Alignment

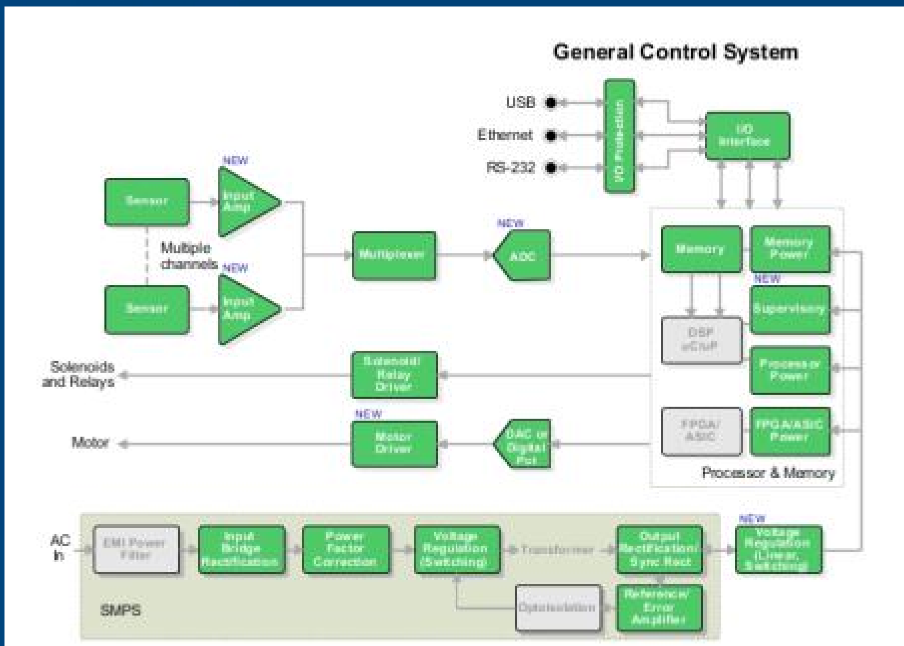
Schneider Electric
Boston Scientific
Medtronic
GE
SIEMENS
Honeywell
Panasonic
PHILIPS

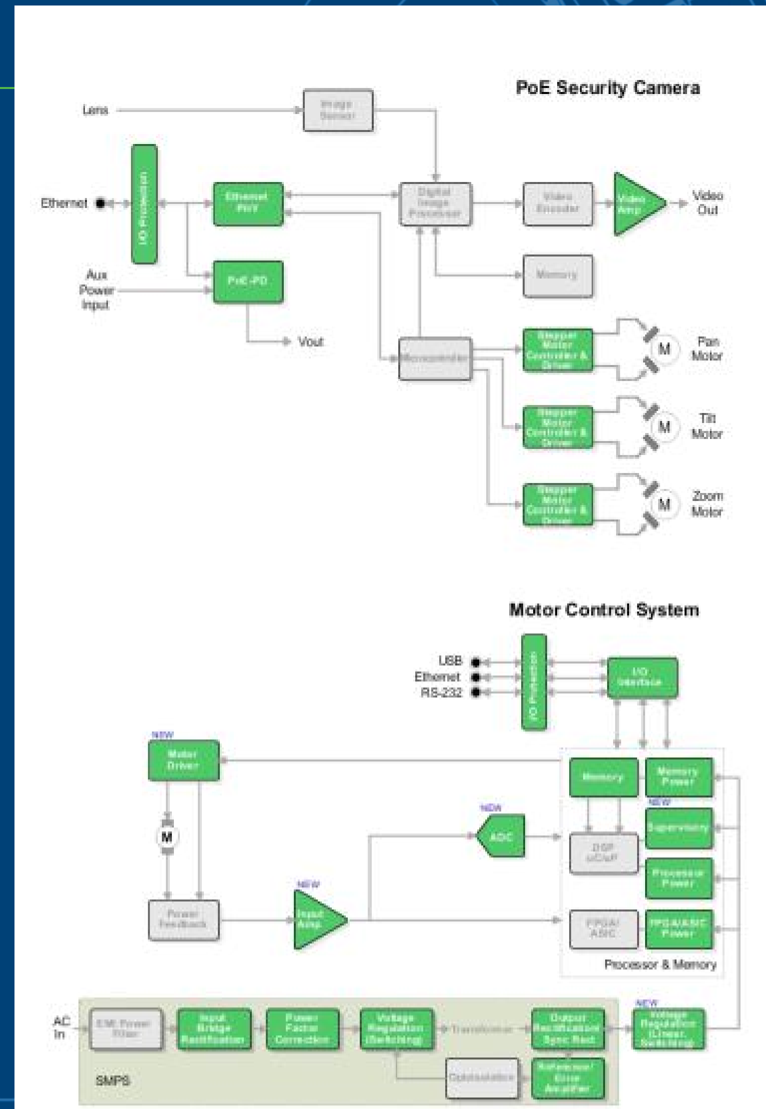
Power Market Segmentation



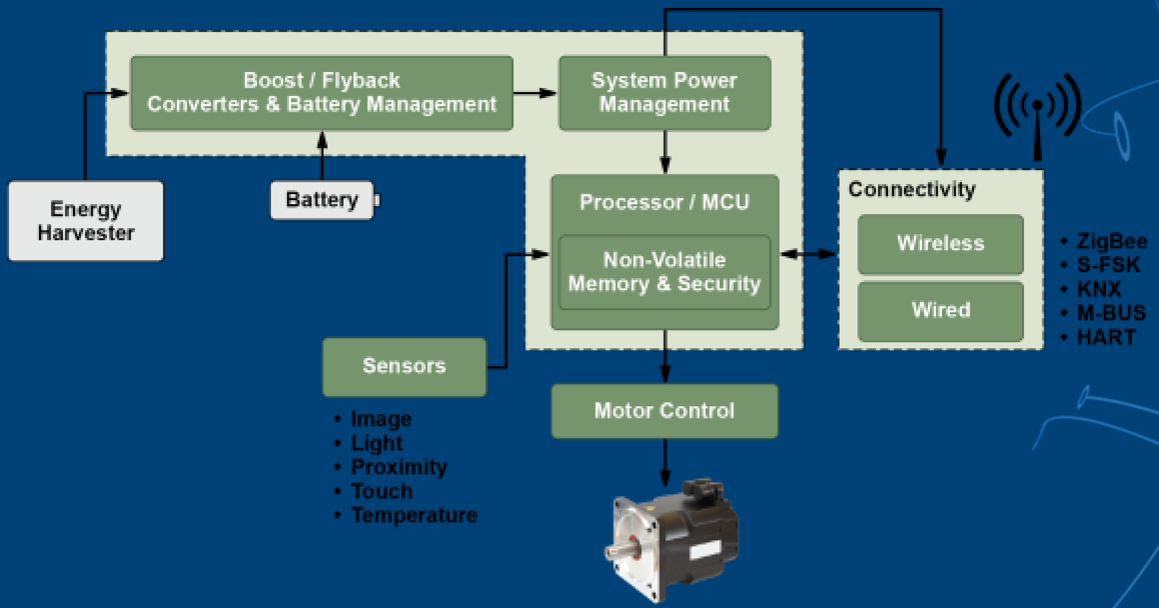
*IMS Research Power discrete & Module report

Industrial Content





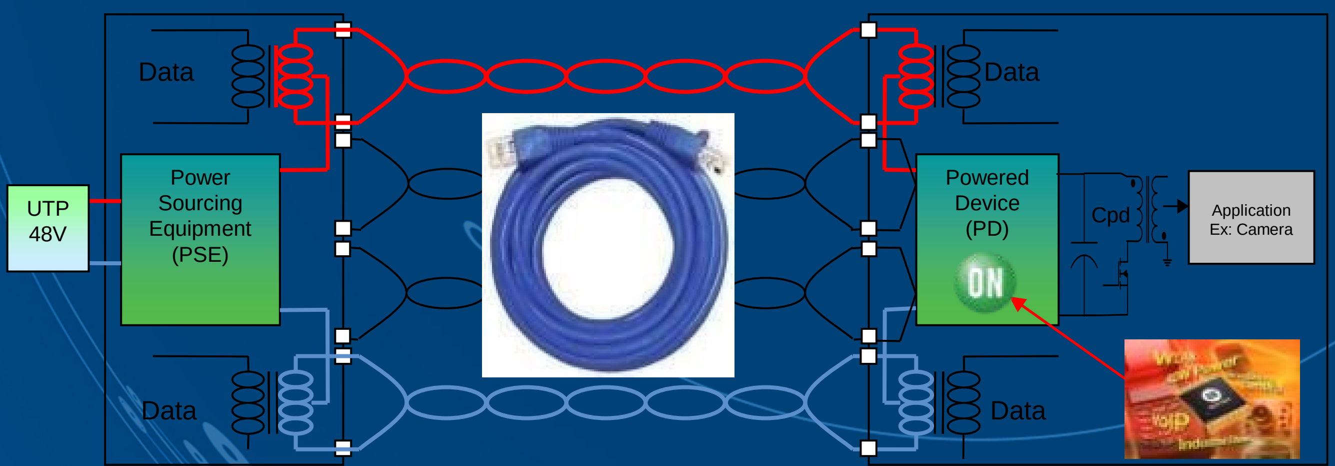
Internet-of-Things Content

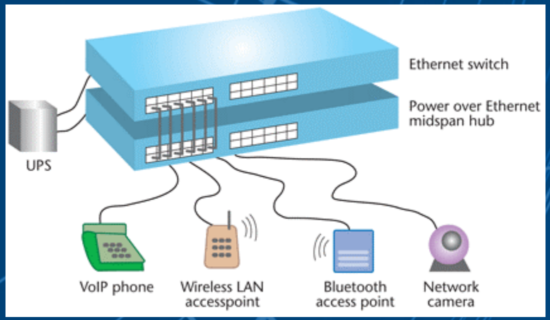


Industrial Case Study: Power Over Ethernet

Part Number	"af"	"at"	Integrated DC-DC converter	Vaux	Ext UVLO
NCP1080	ON		ON		ON
NCP1081		ON	ON		ON
NCP1082	ON		ON	ON	ON
NCP1083		ON	ON	ON	ON
NCP1090	ON				
NCP1091	ON				ON
NCP1092	ON			ON	
NCP1093		ON			ON
NCP1094		ON		ON	

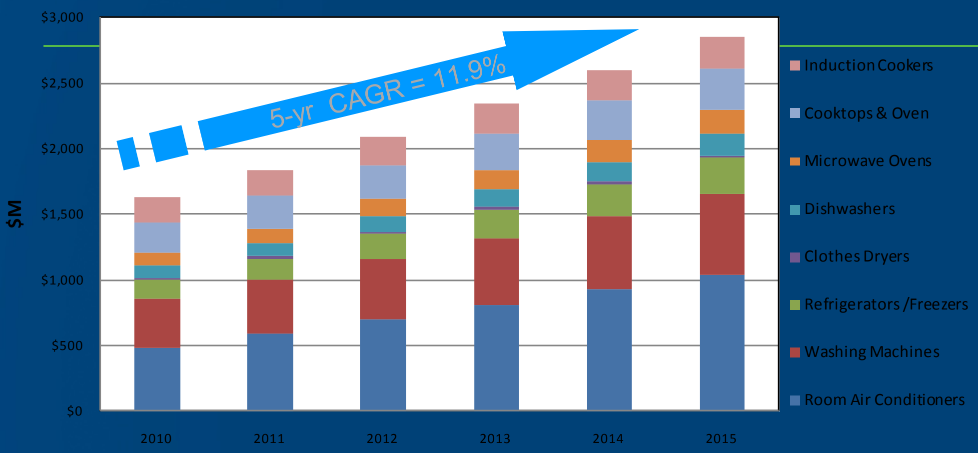
- Power and Data on the same line
- 25/40 W Power Capability, fully in line with IEEE802.3"af" (13 W) and "at" (25 W) standards
- 3.0 kV Cable ESD Robustness
- 8.0 kV-15 kV system ESD robustness
- Pin compatibility NCP1080, NCP1081, NCP1082 & NCP1083
- R_{on} (internal pass switch) in general beats the competition over worst-case PVT (process, voltage, temperature) corners
- Overall efficiency is 3-4% better than the competition
- Better thermal dissipation
- Designed in a High Reliability Automotive Qualified Process with an Extended Temperature Range





Industrial Case Study: Variable Speed Drive

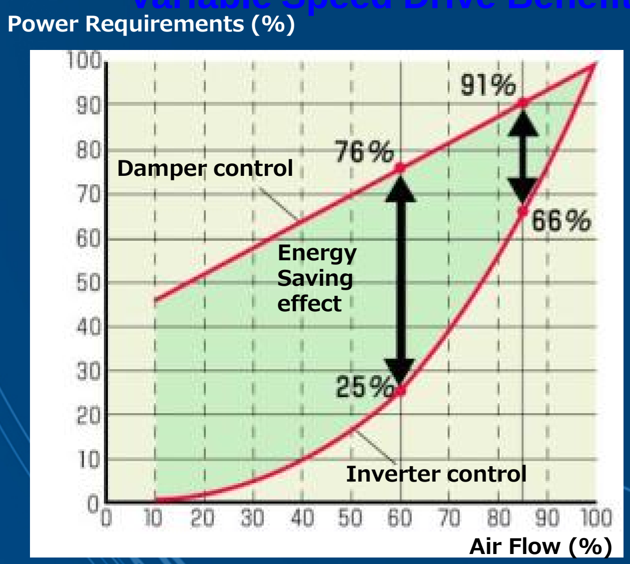
Semiconductor Content by Appliance Type



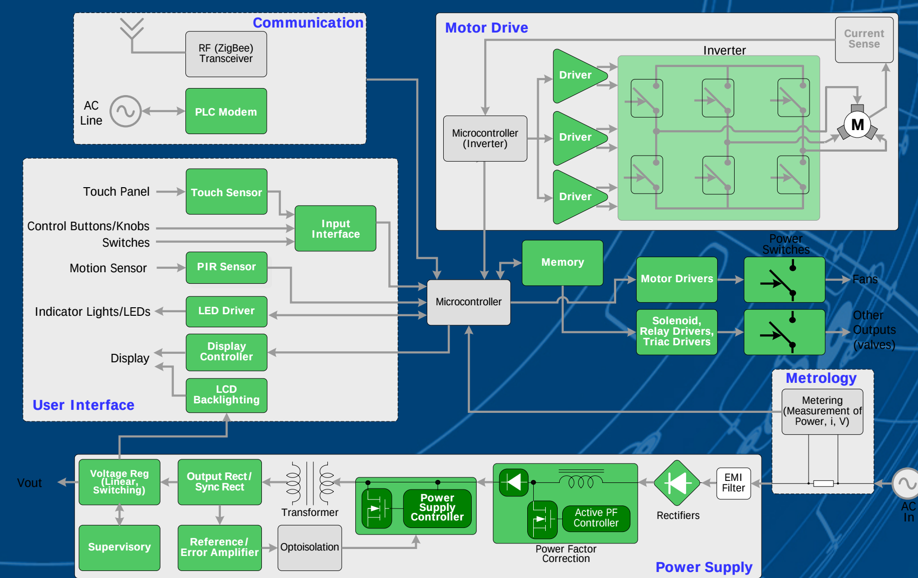
Electronics Penetration in Major Home Appliances

Product	2010 (k units)	2015 (k units)	CAGR (%)
Variable Speed Control	57,939	155,375	21.8%
Electronic Display	244,746	358,631	7.9%
Touch Control	23,674	103,008	34.2%
Smart Appliances (communication)	0	833	-

Variable Speed Drive Benefits

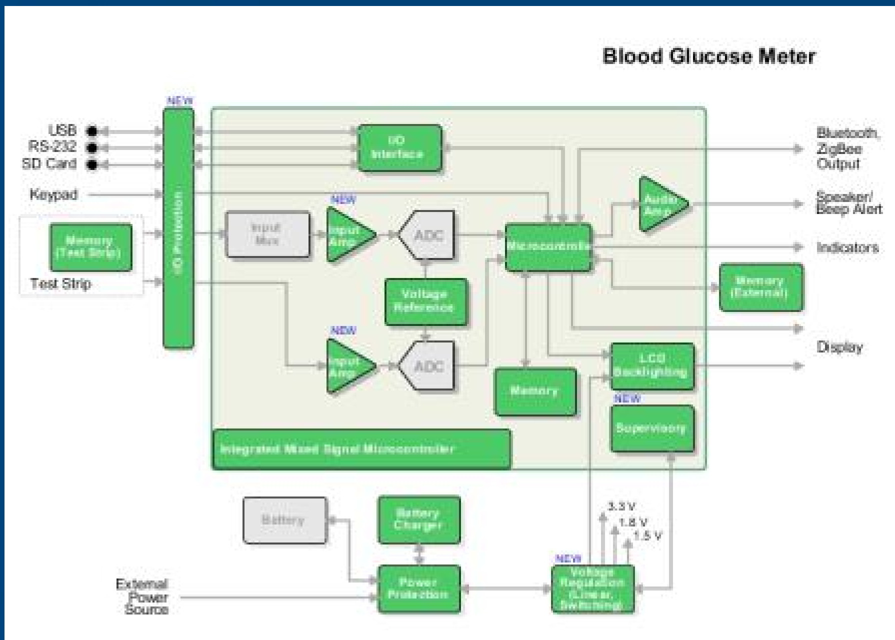


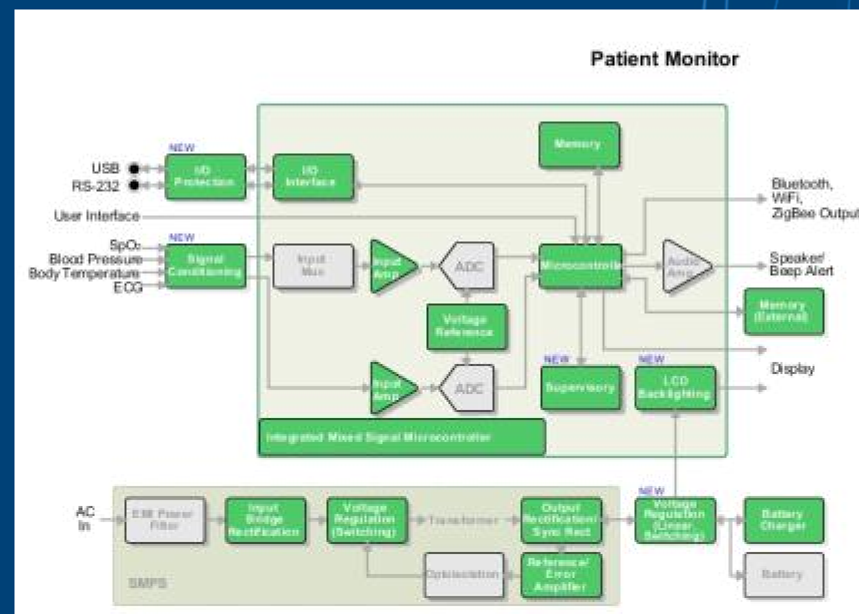
Motor Control Block Diagram



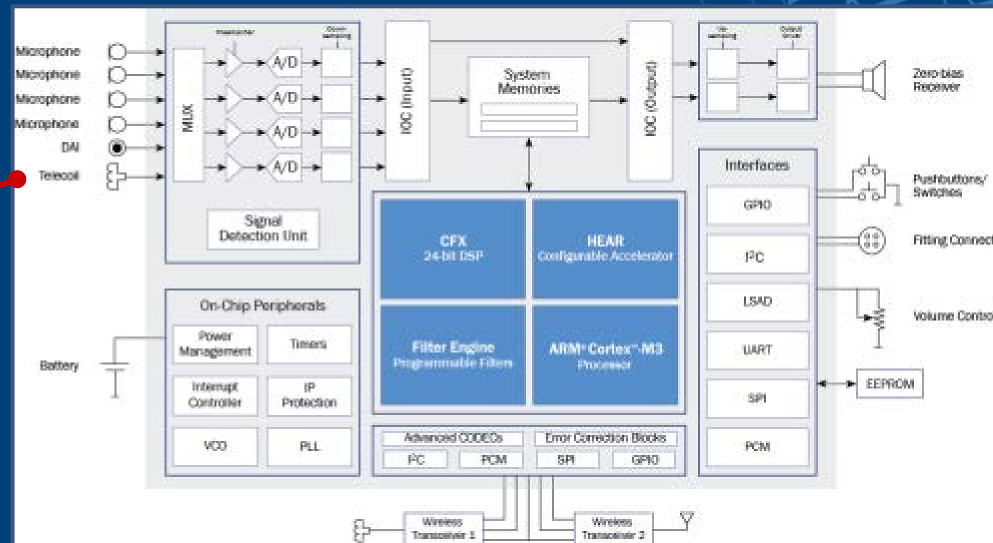
Source: May 2011 IMS MHA Report

Medical Content





Medical Case Study



Ezairo® 7100 Quad-Core DSP System for Hearing Aids

- **High-performance, quad-core architecture for the industry's most demanding signal processing algorithms**
  - More than 5X computing capability of Ezairo 5900
  - More than 2X memory of Ezairo 5900
- **Ultra-low-power fully integrated SoC enables advanced hearing aid algorithms to operate longer**
  - 500 µW of power consumption for high end hearing aid applications
- **Optimized architecture allows seamless interaction with a multitude of standard wireless transceivers (2.4 GHz, NFMI) as well as simultaneous radio usage**

Corporate garden

Jardin'on

Corporate Garden

Intérêts:

- Transformer un espace non utilisé en jardin potager.

- Favoriser le bien être des salariés

  Etude américaine de Université de l'Oregon (»The economics of biophilia»):

  Un environnement de travail connecté à la nature améliore la performance du salarié et réduit jusqu'à 10% l'absentéisme.

- Team building.

- Développer ses connaissances et compétences en jardinage/agronomie bio.

Corporate Garden: sondage au près des salariés

- **Résultats Sondage**

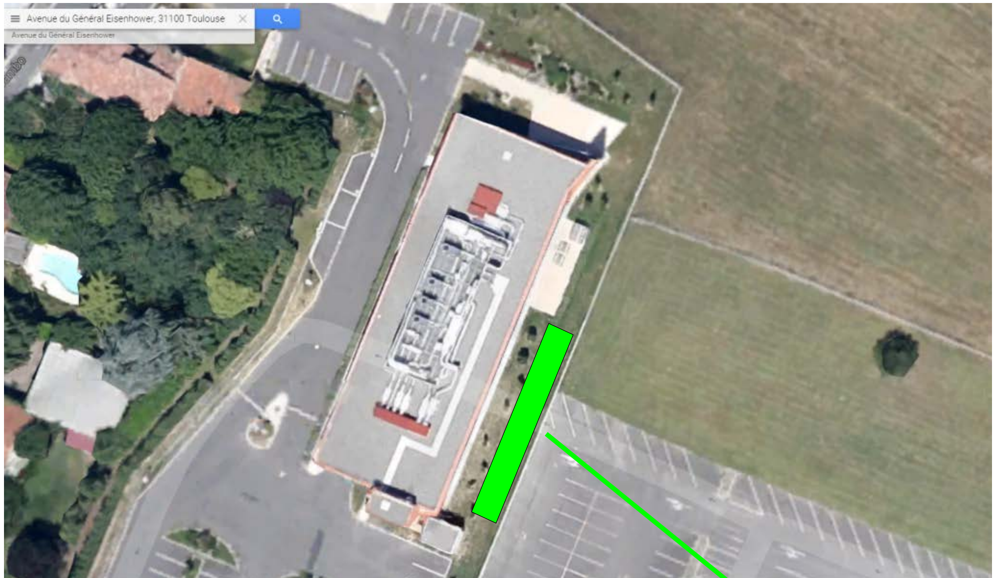
Participants réguliers: 10

- Choix des plants et des semis. Entretien, arrosage, récolte, cueillette.
- Participation aux interventions/formations

Participants ponctuels: 15

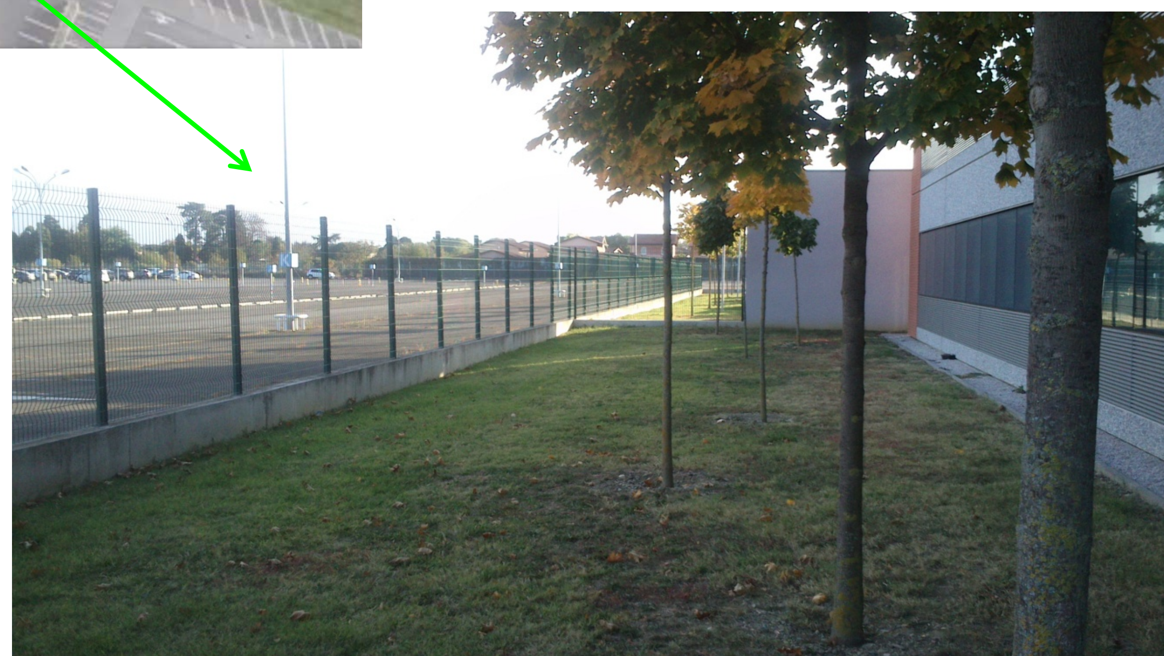
- participation aux interventions/formations sur le jardinage/agronomie + récoltes si nécessaire.

Corporate Garden: implantation possible



2m <largeur< 3m 20m < longueur < 30m.

40m² <surface< 90m²

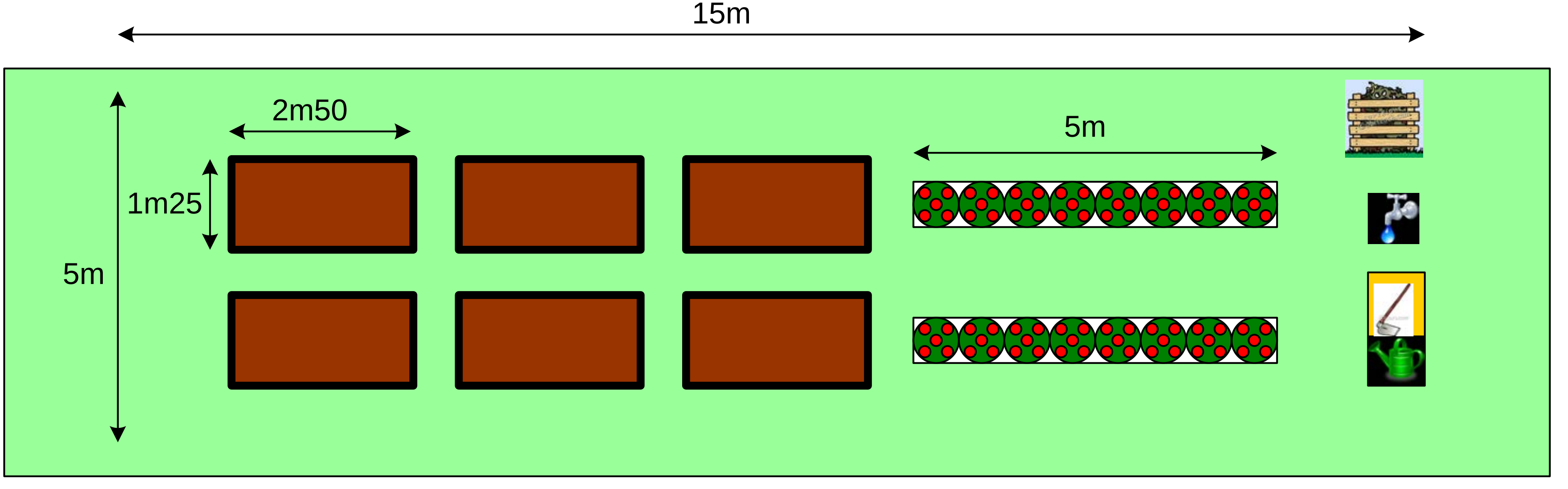


Corporate Garden: Aménagements nécessaires

Aménagement du terrain. (structure entièrement démontable)

- Mise en place du terrain: 6 bacs, (L=2m50 l = 1m25 h= 30cm)
- +10 mètres linéaire de fraisiers hors-sols.
- Un composteur.
- Un coffre à outil sécurisé.

L'entretien du terrain (bacs+ gazon voisinant) sera réalisé par les participants du club.



Corporate Garden: Assurance

- **Assurance:**

  Couverture pour tout risque lié à l’activité par l’**assurance responsabilité civile du CE**

• Plage horaire pour accéder au coffre à outils sécurisés.

Corporate Garden: Propreté

Afin de garder les locaux propres,
Paires « Crocs » à disposition des participants. (dans le coffre)

Corporate Garden: accès d'eau

Option eau robinet/cuve

<u>Installation d'un robinet:</u> OU <u>Installation d'une cuve:</u>

Arrivée d'eau.

Des travaux d'installation restent à faire.

A remplir avec un enrouleur depuis une arrivée d'eau.

Corporate Garden: eau

Consommation d'eau estimée:

- Période:
  Période utile d'arrosage allant du 15 avril au 15 septembre (Sud Ouest) soit 150 jours → 500 litres / m².

- Superficie:
  bacs + linéaires fraisiers = 20 m²

- Consommation annuelle:
  500l x 20 m² = 10 000l =10 m3

- Prix du m3 (toulouse) = 3.55 euros

dépense en eau pour l'année pour le potager: 35 euros.

Questions