

PCN Structure FY 13/14

PCN FY 13/14		PCN text FY 13/14	QMS FY 12/14
A	Front End Materials		
A0101	Process Wafers CZ 150 mm		CQT
A0102	Process Wafers CZ 200 mm		CQT
A0103	Process Wafers FZ 150 mm		CQT
A0104	Process Wafers FZ NTD		CQT
A0105	Development Wafers (SoI, GaN)		CQT
A0106	Wafer Reclaim		CQI
A0107	Test/Monitor Wafers		CQI
A0108	Process Wafers FZ/MCz 200 mm		CQT
A0109	Wafers SiC		CQT
A0110	Process Wafers 300mm		CQT
A0199	Glass Wafers		CQT only for glass wafer if used for product, other CQI
A01	Wafers		
A0201	Targets		CQT
A0202	Evaporation Materials		CQT
A0203	Targets & Evaporation Materials - Precious Metal related		CQT
A0299	Targets, Metallization Materials, other		CQI
A02	Targets, Evaporation Materials		
A0301	Photoresists		CQI
A0302	Developers		CQI
A0303	Polyimides / permanent resists		CQT
A0399	Photochem., others		CQI
A03	Photochemicals		
A0401	Bulk Gases (only N2, O2, H2, Ar, He)		CQI
A0402	Cylinder Gases		CQI
A0403	EPI Gases & CVD Materials		CQI
A0404	PFC Gases (only C+F Molecules)		CQI
A0405	Implant Gases		CQI
A0499	Gases, others		DQM
A04	Gases		
A0501	Wet Process Chemicals		CQI
A0502	Solvents		CQI

Product Code Number

A0503	Plating Chemicals	CQI
A0504	CMP Chemicals	CQI
A0505	Facility Chemicals	DQM
A0599	Chemicals, others	DQM

A05 Chemicals

A0601	CMP Pads	CQI
A0602	CMP Slurries	CQI
A0699	CMP Materials, others	CQI

A06 CMP

A0799	Masks	CQI, but DEK material (screens and stencil) DQM
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A07 Masks

A0801	PreAssembly Tapes	CQI
A0899	Preassembly Materials, others	CQI

A08 Preassembly Materials

A0999	Rental / Leasing of Onsite Equipment for Gases	NSR
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A09 Rental / Leasing of Facility Mgmt Equipment

B Front End & Test Equipment, Spares, Consumables & Maintenance

B0101	Eq: Furnaces	CQI
B0102	Eq: Implant	CQI
B0103	Eq: Wet	CQI
B0104	Eq: Lithography	CQI
B0105	Eq: Metrology / Failure Analysis Equipment	CQI
B0106	Eq: CVD / PVD / Epi	CQI
B0107	Eq: Ash / Strip / (Plasma) Etch	CQI
B0108	Eq: Automation	CQI
B0109	Eq: Electronic Bench Measurement Equipment	DQM
B0110	Eq: CMP	CQI
B0199	Eq: Others	DQM

B01 FE Equipment

B0201	Tester / Prober	CQI
B0202	Handler	CQI
B0299	Test & Burn-In Equipment, others	CQI

B02 Test & Burn-In Equipment

B0399	Pre-Assembly	CQI
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B03 Pre-Assembly Equipment

B0499	Rental / Leasing of Production-Equipment FE	NSR
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B04 Rental / Leasing of Production-Equipment FE

Product Code Number

B0501	S&C: Furnaces	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0502	S&C: Implant	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0503	S&C: Wet	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0504	S&C: Lithography	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0505	S&C: Metrology / Failure Analysis Equipment	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0506	S&C: CVD / PVD / Epi	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0507	S&C: Ash / Strip / Etch	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0508	S&C: Automation	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0509	S&C: Electronic Bench Measurement Equipment	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0510	S&C: CMP	DQM; for critical parts: CQI; to be decided by QM SQI contact
B0599	FE Spares & Consumables, others	DQM; for critical parts: CQI; to be decided by QM SQI contact

B05 FE Spares & Consumables

B0601	Maint.: Furnaces	DQM
B0602	Maint.: Implant	DQM
B0603	Maint.: Wet	DQM
B0604	Maint.: Lithography	DQM
B0605	Maint.: Metrology / Failure Analysis	DQM
B0606	Maint.: CVD / PVD / Epi	DQM
B0607	Maint.: Ash / Strip / Etch	DQM
B0608	Maint.: Automation	DQM
B0609	Maint.: Electronic Bench Measurement Equipment	DQM
B0610	Maint.: CMP	DQM
B0699	FE Maintenance, others	DQM

B06 FE Maintenance

B0701	SCM: Tester / Prober	DQM
B0702	SCM: Handler	DQM
B0703	SCM: Probecards	CQI
B0704	SCM: PCB Boards + Test-Sockets	CQI
B0799	SCM: Test & Burn-In Equipment, others	DQM; for Ink Cartridges: CQI

B07 Test & Burn-In Spares & Consumables & Maintenance

B0899	SCM: Pre-Assembly	DQM; for critical parts: CQI; to be decided by QM SQI contact
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B08 Spares, Consumables & Maintenance Pre-Assembly

C Production Partner Management

C0110	SIFO Power 6inch	CQS
C0111	SIFO Power 8inch	CQS
C0112	SIFO C5	CQS
C0113	SIFO C9	CQS
C0114	SIFO C11	CQS
C0115	SIFO L90	CQS
C0116	SIFO C65	CQS

Product Code Number

C0117	SIFO C40	CQS
C0130	SIFO MASK	CQS
C0199	SIFO Engineering and Other	CQS
C0261	SIFO TEST SORT	CQS

C01 Silicon Foundries

C0209	Subcon Electroplating Services wo HPS	CQS
C0220	OSAT ASSY Flipchip	CQS
C0221	OSAT ASSY BARE DIE	CQS
C0222	OSAT ASSY BGA (wirebonded)	CQS
C0223	OSAT ASSY DIP	CQS
C0224	OSAT ASSY Chipcard	CQI
C0225	OSAT ASSY High Power	CQS
C0226	OSAT ASSY DSO	CQS
C0227	OSAT ASSY QFP	CQS
C0228	OSAT ASSY SOP	CQS
C0229	OSAT ASSY QFN / SON	CQS
C0230	OSAT ASSY WLB	CQS
C0240	OSAT TK BGA (wirebonded)	CQS
C0241	OSAT TK DSO	CQS
C0242	OSAT TK QFN / SON	CQS
C0243	OSAT TK QFP	CQS
C0244	OSAT TK TO	CQS
C0245	OSAT TK Flipchip	CQS
C0246	OSAT TK DIP	CQS
C0247	OSAT TK SLP	CQS
C0260	OSAT T TEST and MSP	CQS
C0262	OSAT T BI	CQS
C0270	OSAT BUMPING	CQS
C0299	OSAT Engineering and Other	CQS

C02 Assembly & Test Subcontractors

C0399	ICs & Chips	CQT
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C03 ICs & Chips

C0499	Trading Goods	NSR
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C04 Trading Goods**D Assembly & Test Materials**

D0103	Logic Leadframes	CQT
D0111	Leadframe_Power_TO	CQT
D0112	Leadframe_Power_DSO	CQT
D0113	Leadframe_Power_others	CQT
D0121	Leadframe_Discrete_leadless	CQT
D0122	Leadframe_Discrete_leadless	CQT

Product Code Number

D0131	Leadframe_Sensors	CQT
D0199	Leadframes, others	CQT
D01	Leadframes	
D0202	Flexible Substrates	CQT
D0299	Substrates, others	CQT
D02	Substrates	
D0301	Encapsulant Power	CQT
D0302	Encapsulant Discrete	CQT
D0303	Encapsulant Logic	CQT
D0304	Encapsulant, others (Sensors, Chipcard, Others)	CQT
D03	Encapsulants, Mold Compound	
D0401	Die Attach Materials Power	CQT
D0402	Die Attach Materials Discrete	CQT
D0403	Die Attach Materials Logic	CQT
D0499	Die Attach Materials, others	CQT
D04	Die Attach Materials	
D0501	Gold Wire	CQT
D0599	Bond Wires, others	CQT
D05	Bond Wires	
D0611	BE Packing Materials_ Tape	CQI
D0612	BE Packing Materials_Tube	CQI
D0613	BE Packing Materials_Tray	CQI
D0699	BE Packing Materials, others	CQI
D06	BE Packaging Materials	
D0701	Ceramic Materials/Packages	CQI
D0799	Other BE Materials, remaining	CQI, CQT only for solder balls and solder paste
D07	Other BE Materials	
D0801	High Power Ceramic Substrates	CQT only HPS AG; for Infineon BIP CQI
D0802	High Power Housing w/o precious metal	CQT only for High Power Housings with injected parts, otherwise CQI
D0803	High Power Ceramics	CQI
D0804	High Power Mold Compound	CQI
D0805	High Power Driver for IGBT Modules	CQI
D0806	High Power Diode Chips	CQI
D0807	High Power Copper Parts, punched	CQI
D0808	High Power Copper Parts, turned	CQI
D0809	High Power AISiC baseplates	CQI
D0810	High Power Modules	CQI
D0811	High Power Various Stack Assembly parts w/o precious metal	CQI
D0812	High Power BE Packaging Materials, others	DQM

Product Code Number

D0813	Galvanic Services HPS	CQI
D0999	High Power Specific Backend Materials, w/o precious metal	CQI, CQT only for chip related material; to be decided by QM SQI contact
D0822	High Power Housing with precious metal	CQI
D0823	High Power Various Stack Assembly parts with precious metal	CQI
D9998	High Power Specific Backend Materials, with precious metal	CQI, CQT only for chip related material; to be decided by QM SQI contact
D08	High Power Specific Backend Materials	

E Back End Equipment, Spares Consumables & Maintenance

E0101	Die Bonding	CQI
E0102	Wire Bonding	CQI
E0104	Molding Equipment	CQI
E0105	Trim & Form, Singulation	CQI
E0106	Mark, Scan, Pack Equipment	CQI
E0108	High Power Back End Equipment	CQI
E0199	Back End Equipment, other	DQM
E01	Back End Equipment	

E0289	High Power BE Special Tools, others	DQM
E0299	Special Tools Backend, others	DQM
E02	Special Tools Backend	

E0301	Spares, Consumables & Maintenance BE	DQM
E0302	Tools & Dies	DQM
E0303	Bonding Tools, Operating Supply	DQM
E0311	High Power BE Spares, Consumables & Maintenance	DQM
E0399	Spares, Consumables & Maintenance BE, others	DQM
E03	Spares, Consumables & Maintenance BE	

E0489	Rental/Leasing of High Power BE Equipment, others	NSR
E0499	Rental / Leasing of Backend Equipment, others	NSR
E04	Rental / Leasing of Backend Equipment	

F IT/R&D Demand

F0101	Software (Licenses) for IT Operational Services	DQM
F0102	Software (Licenses) for EDA/CAD (R&D)	DQM
F0103	Software (Licenses) for manufacturing IT	DQM
F0104	Software (Licenses) for business application related IT demand	DQM
F0199	Software (Licenses) e.g. R&D, IP, Libraries, other	DQM
F01	Software Licenses & IP	

F0201	SW Maintenance for IT Operational Services	DQM
F0203	SW Maintenance for manufacturing IT	DQM
F0204	SW Maintenance for IT Business applications	DQM
F0299	SW Maintenance for R&D, IP, Libraries, other	DQM

F02	Software Maintenance	
F0302	IT Operational Services / Operations	DQM
F0303	Manufacturing IT Services / Projects	DQM
F0304	Manufacturing IT Services / Operations	DQM
F0305	IT Business applications Services / Projects	DQM
F0306	IT Business applications Services / Operations	DQM
F03	IT Services	
F0401	Intellectual Capital	DQM
F0403	Application and System Engineering	DQM
F0404	Concept Engineering	DQM
F0405	Digital Design	DQM
F0406	Mixed Signal & Analog Design	DQM
F0407	Software Engineering Embedded SW	DQM
F0408	Design Automation	DQM
F0409	Product Engineering	DQM
F0410	Test & Verification Engineering	DQM
F0411	Quality Engineering	DQM
F0412	Engineering and Development Support	DQM
F0414	R&D Services for IP, Libraries	DQM
F0415	Software Engineering PC SW	DQM
F04	R&D Services	
F0501	Clients	DQM
F0502	Server, Storage	DQM
F0503	Network	DQM
F0599	IT Hardware (invest), others	DQM
F05	IT Hardware (invest)	
F0601	Office Communication	DQM
F0602	IT Hardware Maintenance, spare parts and repair	DQM
F0699	IT Hardware related Services (non-Invest), others	DQM
F06	IT Hardware related Services (non-Invest)	
G	Facility Management	
G0101	Electric Power, free market	DQM
G0102	Electric Power, state controlled (regulated market)	DQM
G0199	Energy, others (e.g. incl. Consulting, Contracting)	DQM
G01	Energy	
G0201	Rental / Leasing of Building	NSR
G02	Real Estate	
G0301	Non-production FM services, regular service (lump-sum payments, repetitive buy)	DQM
G0302	Non-production FM services, non-regular service (non-repetitive)	DQM

Product Code Number

G0399	REM Services, others	DQM
G03	Non-Production FM Services	
G0401	Hook-up (Main/Connections)	DQM
G0489	Hook-up others (additional works)	DQM
G0501	Services High/Low Voltage	DQM
G0502	Services Security Equipment	DQM
G0503	Services Heating- and Air con Systems	DQM
G0504	Services Water Supply/Disposal Systems	DQM
G0505	Services Vacuum Systems	CQI
G0506	Equipment Parts Cleaning	DQM
G0507	Services Chemical Systems	DQM
G0508	Services Gas and Compressed Air Systems	DQM
G0509	Planning and Architectural Services	DQM
G0599	Production related services, others	DQM
G05/04	Production FM Services	
G0403	Construction Services	DQM
G0699	Facility Invest, others	DQM
G04/06	Construction and FM Invest	
G0799	Facility General Purpose Invest (e.g. Furniture, lab equipment) incl. Service	DQM
G07	Facility General Purpose Invest	
H	Other Indirect Materials & Services	
H0101	Freight Inbound	CQI
H0102	Freight Outbound	CQI
H0103	Contract Logistics	CQI
H0104	Internal Shipments	CQI
H0105	Equipment Transports	CQI
H0199	Logistics, others	NSR
H01	Logistics	
H0299	Packing materials, other	DQM, Wafer Box + Intimate Packing Materials: CQI
H02	Packing materials	
H0399	Cleanroom Supplies, other	CQI: cleanroom, DQM for rest
H03	Cleanroom Supplies	
H0401	Business & Management Consulting	NSR
H0499	Consulting, others (except IT, R&D)	NSR
H04	Consulting	
H0599	Insurances	NSR

Product Code Number

H05	Insurances	
H0601	Temporary Labor Technical	DQM
H0602	Temporary Labor Administrative	DQM
H0699	Personnel Services, others	DQM
H06	Personnel Services	
H0701	Seminars / Trainings	DQM
H07	Seminars / Trainings	
H0801	Exhibitions, Trade Shows, Events	NSR
H0802	Stock Corporation Law Expenses	NSR
H0899	Advertising costs & other	NSR
H08	Corporate Services	
H0999	Boards, other	CQI
H09	Boards	
H1003	HR services	no
H1004	Travel- / Fleetmanagement	NSR
H1005	Universities	NSR
H1006	Patent Law / Legal Services	NSR
H1007	Cooperations	NSR
H1008	Fees (e.g. local authorities)	NSR
H1009	Contributions (e.g. associations)	NSR
H1010	Distribution Services, Provisions	no
H1011	Waste & Recycling	NSR
H1099	Indirect Materials & Services, others	NSR
H10	Other Indirect Materials & Services	