TARIF IFTEC DES STANDARDS IPC

(TOUS LES PRIX SONT SUSCEPTIBLES D'ÉVOLUER EN FONCTION DE LA PARITÉ EURO/DOLLAR)

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TARIF IFTEC STANDARDS IPC AU 6 OCTOBRE 2020				
Coût Transport / Emballage				
Colissimo France :		**Colissimo étranger (zone A - Zone B) :**		
poids < 500g	**13€**	**24€**	**33€**	poids < 500g
poids > 500g < 1kg	**16€**	**30€**	**40€**	poids > 500g < 1kg
poids > 1kg < 2kg	**18€**	**33€**	**44€**	poids > 1kg < 2kg
poids > 2kg < 5kg	**27€**	**42€**	**56€**	poids > 2kg < 5kg
poids > 5kg < 10kg	**40€**	**70€**	**93€**	poids > 5kg < 10kg

		REF IPC	Poids gr	PRIX €	TITRE
1071B	LIV	IPC-1071B	80	99€	Intellectual Property Protection in Printed Board Manufacturing
	CD	IPC-1071B(E)1	54	94€	
	D	IPC-1071(D)1	-	104€	
1072	LIV	IPC-1072	75	99€	Intellectual Property Protection in Electronic Assembly Manufacturing
	CD	IPC-1072(E)1	54	94€	
	D	IPC-1072(D)1	-	104€	
1601A	LIV	IPC-1601A	100	89€	Printed Board Handling and Storage Guidelines
	CD	IPC-1601A(E)1	54	94€	
	D	IPC-1601A(D)1	-	104€	
1602	LIV	IPC-1602	110	160€	Standard for Printed Board Handling and Storage
	D	IPC-1602(D)1	-	163€	
1782	LIV	IPC-1782	150	169€	Standard for Manufacturing and Supply Chain Traceability of Electronic Products
	D	IPC-1782(D)1	-	172€	
1791A	LIV	IPC-1791A	100	146€	Trusted Electronic Designer, Fabricator and Assembler Requirements
	D	IPC-1791A(D)1	-	145€	
2141A	LIV	IPC-2141A	142	117€	Design Guide for High-Speed Controlled Impedance Circuit Boards
	CD	IPC-2141A(E)1	54	128€	
	D	IPC-2141A(D)1	-	138€	
2152	D	IPC-2152(D)1	-	172€	Standard for Determining Current Carrying Capacity in Printed Board Design
2220	LIV	**IPC-2220-FAM (SERIE 2221B + 2222A + 2223D + 2225 + 2226)**	821	626€	**IPC 2220 Family of Design Documents**
2221B	LIV	IPC-2221B	422	169€	Generic Standard on Printed Board Design
	CD	IPC-2221B(E)1	54	162€	
	D	IPC-2221B(D)1	-	172€	
2221B-FR	LIV	IPC-2221B-FR	540	248€	Norme Générique de Conception du Circuit Imprimé (French Language)
	CD	IPC-2221B-FR(E)1	54	237€	
	D	IPC-2221B-FR(D)1	-	247€	
2222A	LIV	IPC-2222A	99	135€	Sectional Design Standard for Rigid Organic Printed Boards
	D	IPC-2222A(D)1	-	138€	
2222A-FR	LIV	IPC-2222A-FR	120	193€	Norme Sectionnelle de Conception pour les Circuits Imprimés Organiques Rigides (French Language)
	CD	IPC-2222A-FR(E)1	54	184€	
	D	IPC-2222A-FR(D)1	-	194€	
2223E	LIV	IPC-2223E	200	169€	Sectional Design Standard for Flexible / Rigid-Flexible Printed Boards
	D	IPC-2223E(D)1	-	172€	

		REF IPC	Poids gr	PRIX €	TITRE
2225	CD	IPC-2225(E)1	54	128€	Sectional Design Standard for Organic Multichip Modules (MCM-L) and MCM-L Assemblies
	D	IPC-2225(D)1	-	138€	
2226A	LIV	IPC-2226A	170	169€	Sectional Design Standard for High Density Interconnect (HDI) Boards
	D	IPC-2226A(D)1	-	172€	
2231	LIV	IPC-2231	160	140€	DFX Guidelines
	D	IPC-2231(D)1	-	144€	
2251	LIV	IPC-2251	242	135€	Design Guide for the Packaging of High Speed Electronic Circuits
	CD	IPC-2251(E)1	54	128€	
	D	IPC-2251(D)1	-	138€	
2291	LIV	IPC-2291	125	99€	Design Guideline for Printed Electronics
	CD	IPC-2291(E)1	54	94€	
	D	IPC-2291(D)1	-	104€	
2292	LIV	IPC-2292	300	169€	Design Standard for Printed Electronics on Flexible Substrates
	D	IPC-2292(D)1	-	172€	
2581B-WAM1	LIV	IPC-2581B-WAM1	710	157€	Generic Requirements for Printed Board Assembly Products Manufacturing Description Data an Transfer Methodology
	D	IPC-2581B-WAM1(D)1	-	172€	
2591-V1.1	LIV	IPC-2591-V1.1	150	169€	Connected Factory Exchange (CFX)
	D	IPC-2591-V1.1(D)1	-	172€	
2591-FR	LIV	IPC-2591-FR	150	248€	Echanges au Sein d'une Usine Connectée (CFX)
	D	IPC-2591-FR(D)1	-	247€	
2611	D	IPC-2611(D)1	-	104€	Generic Requirements for Electronic Product Documentation
2612	CD	IPC-2612(E)1	54	94€	Sectional Requirements for Electronic Diagramming Documentation (Schematic and Logic Descriptions)
	D	IPC-2612(D)1	-	104€	
2612-1	CD	IPC-2612-1(E)1	54	128€	Sectional Requirements for Electronic Diagramming Symbol Generation Methodology
	D	IPC-2612-1(D)1	-	138€	
2614	D	IPC-2614(D)1	-	138€	Sectional Requirements for Board Fabrication Documentation
2615	D	IPC-2615(D)1	-	138€	Printed Board Dimensions and Tolerences
4101E-WAM1	LIV	IPC-4101E-WAM1	490	169€	Specification for Base Materials for Rigid and Multilayer Printed Boards
	D	IPC-4101E-WAM1(D)1	-	172€	
4103B	LIV	IPC-4103B	160	140€	Specification for Base Materials for High Speed / High Frequency Applications
	D	IPC-4103B(D)1	-	144€	
4104	D	IPC-4104(D)1	-	138€	Specification for High Density Interconnect (HDI) and Microvia Materials
4121	LIV	IPC-4121	70	99€	Guidelines for Selecting Core Construction for Multilayer Printed Wiring Board Applications
	CD	IPC-4121(E)1	54	94€	
	D	IPC-4121(D)1	-	104€	
4202B	LIV	IPC-4202B	83	92€	Flexible Base Dielectrics for Use in Flexible Printed Circuitry
	D	IPC-4202B(D)1	-	97€	
4203B	LIV	IPC-4203A	115	140€	Cover and Bonding Material for Flexible Printed Circuitry
	D	IPC-4203A(D)1	-	144€	
4204B	LIV	IPC-4204B	180	140€	Flexible Metal-Clad Dielectrics for Use in Fabrication of Flexible Printed Boards
	D	IPC-4204B(D)1	-	144€	

		REF IPC	Poids gr	PRIX €	TITRE
4412B	LIV	IPC-4412B	70	99€	Specification for Finished Fabric Woven from "E" Glass for Printed Boards
	CD	IPC-4412B(E)1	54	94€	
	D	IPC-4412B(D)1	-	104€	
4552A	LIV	IPC-4552A	540	169€	Specification for Electroless Nickel/Immersion Gold (ENIG) Plating for Printed Circuit Boards
	D	IPC-4552A(D)1	-	172€	
4553A	LIV	IPC-4553A	159	157€	Specification for Immersion Silver Plating for Printed Boards
	CD	IPC-4553A(E)1	54	162€	
	D	IPC-4553A(D)1	-	172€	
4554	LIV	IPC-4554	177	157€	Specification for Immersion Tin Plating for Printed Circuit Boards - includes Amendment 1
	CD	IPC-4554(E)1	54	162€	
	D	IPC-4554(D)1	-	172€	
4556	LIV	IPC-4556	320	157€	Specification for Electroless Nickel/Electroless Palladium/Immersion Gold (ENEPIG) Plating for Printed Circuit Boards
	CD	IPC-4556(E)1	54	162€	
	D	IPC-4556(D)1	-	172€	
4562A-WAM1	LIV	IPC-4562A-WAM1	83	135€	Metal Foil for Printed Board Applications
	CD	IPC-4562A-WAM1(E)1	54	128€	
	D	IPC-4562A-WAM1(D)1	-	138€	
4591A	LIV	IPC-4591A	100	100€	Requirements for Printed Electronics Functional Conductive Materials
	D	IPC-4591A(D)1	-	106€	
4781	LIV	IPC-4781	70	99€	Qualification and Performance Specification of Permanent, Semo-Permanent and Temporary Legend and/or Marking Ink
	D	IPC-4781(D)1	-	104€	
5703	D	IPC-5703(D)1	-	104€	Cleanliness Guidelines for Printed Board Fabricators
5704	D	IPC-5704(D)1	-	104€	Cleanliness Requirements for Unpopulated Printed Boards
6010	LIV	**IPC-6010-FAM (SERIE 6011 + 6012D + 6013C + 6015 + 6017 + 6018C)**	613	668€	**IPC-6010 Family of Board Performance Documents**
6011	D	IPC-6011(D)1	-	104€	Generic Performance Specification for Printed Boards
6012E	LIV	IPC-6012E	134	175€	Qualification and Performance Specification for Rigid Printed Boards
	D	IPC-6012E(D)1	-	172€	
6012D-FR	LIV	IPC-6012D-FR	210	243€	Spécification de la Qualification et des Performances des Circuits Imprimés Rigides
	CD	IPC-6012D-FR(E)1	54	232€	
	D	IPC-6012D-FR(D)1	-	242€	
6012DA-WAM1	LIV	IPC-6012DA-WAM1	120	99€	Automotive Applications Addendum to IPC-6012D
	D	IPC-6012DA-WAM1(D)1	-	104€	
6012DS-FR	LIV	IPC-6012DS-FR	60	140€	Avenant pour les Applications Spatiales et Aéronautiques Militaires de l'IPC-6012D
	D	IPC-6012DS-FR(D)1	-	144€	
6013D	LIV	IPC-6013D	165	169€	Qualification and Performance Specification for Flexible Printed Boards
	D	IPC-6013D(D)1	-	172€	
6015	CD	IPC-6015(E)1	54	94€	Qualification & Performance Specification for Organic Multichip Module (MCM-L) Mounting & Interconnecting Structures
	D	IPC-6015(D)1	-	104€	
6017	CD	IPC-6017(E)1	54	94€	Qualification and Performance Specification for Printed Boards Containing Embedded Passive Devices
	D	IPC-6017(D)1	-	104€	

		REF IPC	Poids gr	PRIX €	TITRE
6018C	LIV	IPC-6018C	180	169€	Qualification and Performance Specification for High Frequency (Microwave) Printed Boards
	CD	IPC-6018C(E)1	54	162€	
	D	IPC-6018C(D)1	-	172€	
7090	LIV	**IPC-7090-FAM (SERIE 7092 + 7093 + 7094 + 7095C)**	1740	550€	**IPC-7090 Packages for PCBs and Assemblies**
7091	LIV	IPC-7091	165	169€	Design and Assembly Process Implementation of 3D Components
	D	IPC-7091(D)1	-	172€	
7092	LIV	IPC-7092	490	169€	Design and Assembly Process Implementation for Embedded Components
	CD	IPC-7092(E)1	54	162€	
	D	IPC-7092(D)1	-	172€	
7093	CD	IPC-7093(E)1	54	162€	Design and Assembly Process Implementation for Bottom Termination Components
	D	IPC-7093(D)1	-	172€	
7094A	LIV	IPC-7094A	320	162€	Design and Assembly Process Implementation for Flip Chip and Die Size Components
	D	IPC-7094A(D)1	-	172€	
7095D-WAM1	LIV	IPC-7095D-WAM1	770	169€	Design and Assembly Process Implementation for BGAs, with Amendment 1
	D	IPC-7095D-WAM1(D)1	-	172€	
7351B	D	IPC-7351B(D)1	-	172€	Generic Requirements for Surface Mount Design and Land Pattern Standard
7525B	D	IPC-7525B(D)1	-	104€	Stencil Design Guidelines
7527	D	IPC-7527(D)1	-	172€	Requirements for Solder Paste Printing
7530A	LIV	IPC-7530A	56	169€	Guidelines for Temperature Profiling for Mass Soldering Processes (Reflow & Wave)
	D	IPC-7530A(D)1	-	172€	
7711/21C	LIV	IPC-7711/21C	1350	345€	Rework, Modification and Repair of Electronic Assemblies
	D	IPC-7711/21C(D)1	-	339€	
7711/21C-FR	LIV	IPC-7711/21C-FR	1450	503€	Reprise, modification et réparation des assemblages électroniques
	D	IPC-7711/21C-FR(D)1	-	489€	
8497-1	LIV	IPC-8497-1	160	157€	Cleaning Methods and Contamination Assessment for Optical Assembly
	D	IPC-8497-1(D)1	-	172€	
8921	LIV	IPC-8921	110	160€	Requirements for Woven and Knitted Electronic Textiles (E-Textiles) Integrated with Conductive Fibers, Conductive Yarns and / or Wires
	D	IPC-8921(D)1	-	163€	
9111	LIV	IPC-9111	600	199€	Troubleshooting for Printed Board Assembly Processes
	D	IPC-9111(D)1	-	201€	
9121	LIV	IPC-9121	950	360€	Troubleshooting for PCB Fabrication Processes
	CD	IPC-9121(E)1	54	343€	
	D	IPC-9121(D)1	-	353€	
9191	LIV	IPC-9191	120	135€	General Guidelines for Implementation of Statistical Process Control (SPC)
	CD	IPC-9191(E)1	54	128€	
	D	IPC-9191(D)1	-	138€	
9201A	LIV	IPC-9201A	310	157€	Surface Insulation Resistance Handbook
	D	IPC-9201A(D)1	-	172€	
9202	LIV	IPC-9202	40	99€	Material and Process Characterization / Qualification Test Protocol for Assessing Electrochemical Performance
	CD	IPC-9202(E)1	54	94€	
	D	IPC-9202(D)1	-	104€	

		REF IPC	Poids gr	PRIX €	TITRE
9203	LIV	IPC-9203	150	157€	Users Guide to IPC-9202 and the IPC-B-52 Standard Test Vehicle
	CD	IPC-9203(E)1	54	162€	
	D	IPC-9203(D)1	-	172€	
9204	LIV	IPC-9204	120	92€	Guideline on Flexibility and Stretchability Testing for Printed Electronics
	CD	IPC-9204(E)1	54	87€	
	D	IPC-9204(D)1	-	97€	
9241	LIV	IPC-9241	110	169€	Guidelines for Microsection Preparation
	D	IPC-9241(D)1	-	172€	
9252B	LIV	IPC-9252B	80	99€	Requirements for Electrical Testing of Unpopulated Printed Boards
	D	IPC-9252B(D)1	-	104€	
9301	LIV	IPC-9301	350	162€	IPC/JEDEC Numerical Analysis Guidelines for Microelectronics Packaging Design and Reliability
	D	IPC-9301(D)1	-	164€	
9505	LIV	IPC-9505	170	100€	Guideline Methodology for Assessing Component and Cleaning Materials Compatibility
	D	IPC-9505(D)1	-	106€	
9641	LIV	IPC-9641	110	99€	High Temperature Printed Board Flatness Guideline
	CD	IPC-9641(E)1	54	94€	
	D	IPC-9641(D)1	-	104€	
9691B	LIV	IPC-9691B	130	169€	User Guide for the IPC-TM-650, Method 2.6.25, Conductive Anodic Filament (CAF) Resistance Test (Electrochemical Migration Testing)
	CD	IPC-9691B(E)1	54	162€	
	D	IPC-9691B(D)1	-	172€	
9701A	LIV	IPC-9701A	80	99€	Performance Test Methods and Qualification Requirements for Surface Mount Solder Attachments
	CD	IPC-9701A(E)1	54	94€	
	D	IPC-9701A(D)1	-	104€	
9704A	LIV	IPC-9704A	100	157€	Printed Circuit Assembly Strain Gage Test Guideline
	CD	IPC-9704A(E)1	54	162€	
	D	IPC-9704A(D)1	-	172€	
9708	D	IPC-9708(D)1	90	172€	Test Methods for Characterization of Printed Board Assembly Pad Cratering
9709	LIV	IPC-9709	59	157€	Test Guidelines for Acoustic Emission Measurements during Mechanical Testing
	CD	IPC-9709(E)1	54	162€	
	D	IPC-9709(D)1	-	172€	
9797	LIV	IPC-9797	180	160€	Press-fit Standard for Automotive Requirements and other High-Reliability Applications
	D	IPC-9797(D)1	-	163€	
HERMES-9852	LIV	IPC-HERMES-9852	200	160€	The Global Standard for Machine-to-Machine Communication in SMT Assembly
	D	IPC-HERMES-9852(D)1	-	163€	
A-600K	LIV	IPC-A-600K	750	266€	Acceptability of Printed Boards
	D	IPC-A-600K(D)1	-	250€	
A-600J-FR	LIV	IPC-A-600J-FR	620	294€	Acceptabilité des Circuits Imprimés (French language)
	D	IPC-A-600J-FR(D)1	-	290€	
A-610G	LIV	IPC-A-610G	1260	199€	Acceptability of Electronic Assemblies
	D	IPC-A-610G(D)1	-	201€	
A-610G-FR	LIV	IPC-A-610G-FR	1530	294€	Acceptabilité des assemblages électroniques (French Language)
	D	IPC-A-610G-FR(D)1	-	290€	

		REF IPC	Poids gr	PRIX €	TITRE
A-620D	LIV	IPC/WHMA-A-620D	1470	266€	Requirements and Acceptance for Cable and Wire Harness Assemblies
	D	IPC/WHMA-A-620D(D)1	-	250€	
A-620D-FR	LIV	IPC/WHMA-A-620D-FR	1480	392€	Exigences et Acceptation des Assemblages de Câbles et de Faisceaux de Fils (French Language)
	D	IPC/WHMA-A-620D-FR(D)1	-	362€	
A-630	D	IPC-A-630(D)1	-	172€	Acceptability Standard for Manufacture, Inspection and Testing of Electronic Enclosures
A-640	D	IPC-A-640(D)1	-	172€	Acceptance Requirements for Optical Fiber, Optical Cable and Hybrid Wiring Harness Assemblies
AJ-820A	LIV	IPC-AJ-820A	1028	169€	Assembly & Joining Handbook
	D	IPC-AJ-820A(D)1	-	172€	
CC-830C	LIV	IPC-CC-830C	500	99€	Qualification and Performance of Electrical Insulating Compound for Printed Wiring Assemblies
	D	IPC-CC-830C(D)1	-	104€	
CH-65B	LIV	IPC-CH-65B	504	157€	Guidelines for Cleaning of Printed Boards and Assemblies
	D	IPC-CH-65B(D)1	-	172€	
D-620-K	LIV	IPC-D-620-K	400	169€	Design and Critical Process Requirements for Cable and Wiring Harnesses (kit products : WP-113, WP-114, WP-116)
	D	IPC-D-620(D)1	-	172€	
DRM-18J	LIV	IPC-DRM-18J	183	52€	Component Identification Training and Reference Guide
DRM-PTH-G	LIV	IPC-DRM-PTH-G	87	52€	Through-Hole SolderJoint Evaluation Training & Reference Guide
DRM-SMT-G	LIV	IPC-DRM-SMT-G	107	52€	Surface Mount Solder Joint Evaluation Training & Reference Guide
DRM-WHA-C	LIV	IPC-DRM-WHA-C	152	52€	Wire Harness Assembly Training & Reference Guide
HDBK-001F	LIV	IPC-HDBK-001F	283	169€	Handbook and guide to supplement IPC-J-STD-001
	D	IPC-HDBK-001F(D)1	-	172€	
HDBK-005	CD	IPC-HDBK-005(E)1	54	162€	Guide to Solder Paste Assessment
	D	IPC-HDBK-005(D)1	-	172€	
HDBK-620	LIV	IPC-HDBK-620	870	199€	Handbook and Guide to IPC-D-620 & IPC/WHMA-A-620
	D	IPC-HDBK-620(D)1	-	201€	
HDBK-630	LIV	IPC-HDBK-630	200	157€	Guidelines for Design, Manufacture, Inspection and Testing of Electronic Enclosures
	D	IPC-HDBK-630(D)1	-	172€	
HDBK-830A	LIV	IPC-HDBK-830A	560	169€	Guidelines for Design, Selection and Application of Conformal Coatings
	CD	IPC-HDBK-830A(E)1	54	162€	
	D	IPC-HDBK-830A(D)1	-	172€	
HDBK-840	CD	IPC-HDBK-840(E)1	54	162€	Solder Mask Handbook
	D	IPC-HDBK-840(D)1	-	172€	
HDBK-850	LIV	IPC-HDBK-850	169	157€	Guidelines for Design, Selection and Application of Potting Materials and Encapsulation Processes Used for Electronics Printed Circuit Board Assembly
	CD	IPC-HDBK-850(E)1	54	162€	
	D	IPC-HDBK-850(D)1	-	172€	
JP002	CD	IPC-JP002(E)1	54	94€	JEDEC/IPC Current Tin Whiskers Theory and Mitigation Practices Guideline
	D	IPC-JP002(D)1	-	104€	
J-STD-001G	LIV	IPC-J-STD-001G	230	169€	Requirements for Soldered Electrical and Electronic Assemblies
	D	IPC-J-STD-001G(D)1	-	172€	

		REF IPC	Poids gr	PRIX €	TITRE
J-STD-001GA/A-610GA	LIV	IPC-J-STD-001GA/A-610GA	560	175€	Automotive Addendum to IPC J-STD-001G and IPC-A-610G
	D	IPC-J-STD-001G/A-610GA(D)1	-	172€	
J-STD-001G-FR	LIV	IPC-J-STD-001G-FR	300	248€	Les Exigences Relatives au Brasage d'Assemblages Electroniques et Electriques (French Language) + WP-019-FR inclus avec Amendement 1
	D	IPC-J-STD-001G-FR(D)1	-	247€	
	LIV	IPC-J-STD-001G-FR-**AM1**	120	90€	
	D	IPC-J-STD-001G-FR-**AM1**(D)1	-	126€	
J-STD-001GS-FR	LIV	IPC-J-STD-001GS-FR	100	193€	Annexe des Produits Electroniques des Applications Spatiales et Militaires à la norme J-STD-001G (French Language)
	D	IPC-J-STD-001GS-FR(D)1	-	194€	
	LIV	IPC-J-STD-001GS-FR-**AM1**	50	61€	Addendum Matériel Electronique pour les Applications Spatiales et Millitaires (French Language)
	D	IPC-J-STD-001GS-FR-**AM1**(D)1	-	58€	
J-STD-001GA/A-610GA-FR	LIV	IPC-J-STD-001GA/A-610GA-FR	550	248€	Addendum pour le Secteur Automobile à la norme J-STD-001G-FR et IPC-A-610G-FR (French Language)
	D	IPC-J-STD-001G/A-610GA-FR(D)1	-	237€	
J-STD-002E	LIV	IPC-J-STD-002E	150	140€	EIA/IPC/JEDEC J-STD-002D Solderability Tests for Component Leads, Terminations, Lugs, Terminals and Wires
	D	IPC-J-STD-002E(D)1	-	144€	
J-STD-003C-WAM1&2	LIV	IPC-J-STD-003C-WAM1&2	160	169€	Solderability Tests for Printed Boards
	D	IPC-J-STD-003C-WAM1&2(D)1	-	172€	
J-STD-004B-WAM1	CD	IPC-J-STD-004B-WAM1(E)1	54	162€	Requirements for Soldering Fluxes - includes Amendment 1
	D	IPC-J-STD-004B-WAM1(D)1	-	172€	
J-STD-005A	LIV	IPC-J-STD-005A	57	99€	Requirements for Soldering Pastes
	CD	IPC-J-STD-005A(E)1	54	94€	
	D	IPC-J-STD-005A(D)1	-	104€	
J-STD-006C	LIV	IPC-J-STD-006C	83	99€	Requirements for Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders for Electronic Soldering Applications
	CD	IPC-J-STD-006C(E)1	54	94€	
	D	IPC-J-STD-006C(D)1	-	104€	
J-STD-020E	D	IPC-J-STD-020E(D)1	-	104€	IPC/JEDEC Moisture/Reflow Sensitivity Classification for Nonhermetic Surface Mount Devices
J-STD-030A	CD	IPC-J-STD-030A(E)1	54	162€	Selection and Application of Board Level Underfill Materials
	D	IPC-J-STD-030A(D)1	-	172€	
J-STD-033D	LIV	IPC-J-STD-033D	100	99€	Handling, Packing, Shipping and Use of Moisture/Reflow Sensitive Surface Mount Devices
	D	IPC-J-STD-033D(D)1	-	104€	
J-STD-075	LIV	IPC-J-STD-075	46	99€	Classification of Non-IC Electronic Components for Assembly Processes
	CD	IPC-J-STD-075(D)1	54	94€	
	D	IPC-J-STD-075(D)1	-	104€	
J-STD-609B	D	IPC-J-STD-609B(D)1	-	104€	Marking and Labeling of Components, PCBs and PCBAs to Identify Lead (Pb), Lead-Free (Pb-Free) and Other Attributes
PE-740A	CD	IPC-PE-740A(E)1	54	162€	Troubleshooting for Printed Board Manufacture and Assembly
	D	IPC-PE-740A(D)1	-	172€	
QE-605A	LIV	IPC-QE-605A	190	169€	Printed Board Quality Evaluation
	D	IPC-QE-605A(D)1	-	172€	
SM-784	LIV	IPC-SM-784	130	135€	Guidelines for Chip-on-Board Technology Implementation
	CD	IPC-SM-784(E)1	54	128€	
	D	IPC-SM-784(D)1	-	138€	

		REF IPC	Poids gr	PRIX €	TITRE
SM-785	LIV	IPC-SM-785	140	135€	Guidelines for Accelerated Reliability Testing of Surface Mount Attachments
	D	IPC-SM-785(D)1	-	138€	
SM-817A	D	IPC-SM-817A(D)1	-	104€	General Requirements for Dielectric Surface Mount Adhesives
SM-840E	D	IPC-SM-840E(D)1	-	104€	Qualification and Performance Specification of Permanent Solder Mask and Flexible Cover Materials
T-50M	LIV	IPC-T-50M	330	169€	Terms and Definitions for Interconnecting and Packaging Electronic Circuits
	D	IPC-T-50M(D)1	-	172€	
T-50M-FR	LIV	IPC-T-50M-FR	810	248€	Termes et Définitions pour les Circuits Electroniques Imprimés et Assemblés (French Language)
	D	IPC-T-50M-FR(D)1	-	247€	
WP-019A	LIV	IPC-WP-019A	90	97€	An Overview on the Global Change in Ionic Cleanliness Requirements
	D	IPC-WP-019A(D)1	-	103€	
WP-019A-FR	LIV	IPC-WP-019A	90	93€	Présentation des Modifications Générales des Exigences en Matière de Propreté ionique
	D	IPC-WP-019A-FR(D)1	-	141€	