

Surcharges

If not specified board has following standard: IPC class2, thickness 1,5 mm (+-10%), Base Cu 18/18 µm, Tg 135 °C (150 °C for ML), 2x green mask, 1x digital print, HAL LF, E-test, min. track/gap 150 µm, milling tool Ø 2 mm

Příplatky		
Surcharge type	Details	Surcharge
Digital imprint white	double sided	2 %
Digital imprint color	single side	2 %
Digital imprint color	double sided	4 %
Digital imprint unique	QR code/datacode	10 %
Screenprint		20 %
Soldermask color	black, blue, red, white matt	5 %
Soldermask color	two color/dual	10 %
Soldermask color	white glossy LEW3	10 %
Flexible soldermask	flexible, green color	10 %
Peelable mask	TOP	5 %
Peelable mask	BOT	5 %
Carbon ink	TOP	8 %
Carbon ink	BOT	8 %
Cu outer (basic)	35 µm	10 %
Cu outer (basic)	70 µm	15 %
Cu outer (basic)	105 µm	20 %
Cu inner (basic)	70 µm	15 %
Cu inner (basic)	105 µm	20 %
NO X-OUT	panel up to 15 pc	15 %
NO X-OUT	panel up to 25 pc	20 %
NO X-OUT	panel up to 50 pc	25 %
PTH slots		5 %
Plated edge/halfholes		10 %
Chamfering	45° or 20°	10 %
3D milling	one side	10 %
Plated 3D milling	one side	15 %
Countersink		5 %
Pressfit/drilling tolerance protocol		10 %
Technology class	min. track/gap 125–150 µm	10 %
Technology class	min. track/gap 100–124 µm	20 %
Technology class	min. track/gap 75–99 µm	50 %
Blind via's	TOP	10 %
Blind via's	BOT	10 %
Buried via's	each drilling sequence	10 %
Milling	tool < Ø 2 mm	4 %
V-score		2 %
Special material	FR4 Tg 150 °C for 1L and 2L (IS400)	7 %
Special material	FR4 Tg 180 °C (HR370)	12 %
Board thickness	under 1 mm	10 %
Board thickness	between 2,0 mm and 3,2 mm	10 %
Board thickness	more than 3,2 mm	30 %
Gold connector	hardgold	20 %
Drilling density per 1 dm ²	1001-1250	10 %
Drilling density per 1 dm ²	1251-1500	15 %
Drilling density per 1 dm ²	1501-2000	20 %
Drilling density per 1 dm ²	2001 or more	30 %
Microsection	each	40 EUR
Panelisation of different boards	40 EUR set up	Every additional board 20 EUR
Impedance control	set up 30 EUR	20 % + 2WD
Sequential lamination	every sequence	10 % + 2WD
IPC class3	set up 100 EUR	30 % + 2WD
VIA filling (typ VII)	single panel	140 EUR/panel
VIA filling (typ VII)	two panels	92 EUR/panel
VIA filling (typ VII)	three panels	60 EUR/panel
VIA filling (typ VII)	four panels	52 EUR/panel
VIA filling (typ VII)	five panels	44 EUR/panel
VIA filling (typ VII)	six or more panels	40 EUR/panel