

PCB with impedance control

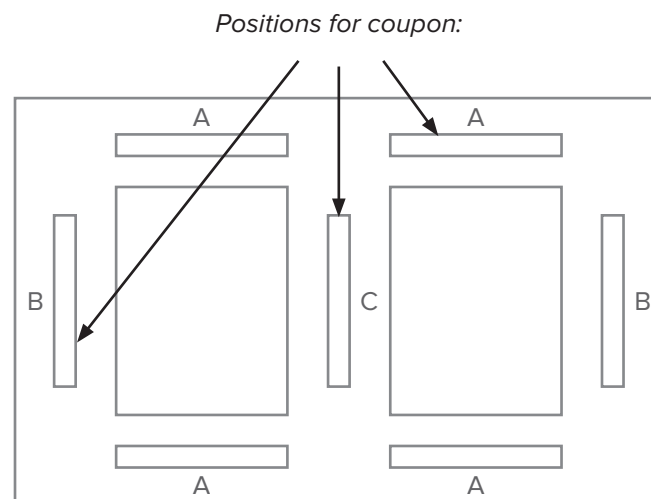
Basic parameters

For correct PCB production with controlled impedance is necessary to know following information. Requested stack-up (can be changed), requested thickness of the signal tracks, layers where are signal tracks, reference layers, requested impedance value (ohm) and requested tolerance (5% or 10%).

Based on the information above we are able to count and if necessary to modify some values (stack up, tracks) to meet the requested parameters.

We are checking boards in InStack from Orbotech. Impedances are measured on control coupon by tester Z-matrix ST600. Coupon is included to production panel together with the board. Because of it is the maximum size of the PCB 250 × 373 mm. Size of the coupon rises with the number of signal tracks.

We always send measuring protocol together with other requested documents.



Shipping times

Preparation, production and measuring takes another 2 working days (+2WD).

Board type	Production time (surcharges in %)*									
	24 hour	2WD	3WD	4WD	5WD	6WD	7WD	8WD	9WD	10WD
ADVANCED PROTOYPES (10V+, seq. lam., impedance, via filling, IPC3)	×	×	200	100	80	40	0			
ADVANCED SERIES (10V+, seq. lam., impedance, via filling, IPC3)	×	×	300	200	100	80	60	40	20	0

*If we receive before 10:00 a.m. we count that day as a first WD.
Example: 2WD express order received at 9:30 a.m. - we will send board out next working day.