BOSCO *Printed Circuits (Pty) Ltd.*

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28 November 2016

Options for new Legend Print Sequential Number Serialisation

Dear Valued Customer

We are very excited to inform you that we can offer serialisation numbers printed onto each of the Pcb Units, and this option we offer to our customers at **no extra charge**.
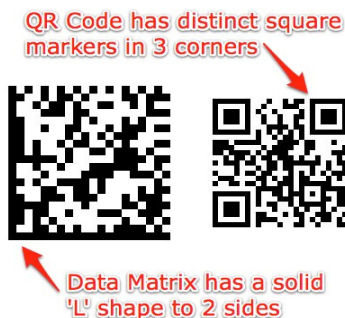
-This is available only with white legend ink on **locally** manufactured boards.

The options we offer are what is most commonly used for traceability and identification. We can number each individual unit with a sequential unit number, and add the date for each batch, or alternatively, we use the Week number and Year along with the Unit number.

Example: Year/Month/Day – PCB Number   WeekNumber/Year
            YY/MM/DD - Pcb #   WW/YY – Pcb #
            16/11/25 – 1234   57/16 - 1234

We offer this serialization as Text, 2D Data matrix and QR codes.

The advantage of using 2D or QR codes, is that you can use a camera to read this in to your assembly populating machines for automation. We're able to print a 4mm x 4mm square minimum for these 2D and QR codes, larger sizes are better. In case of space issues it is recommended to use Text, but then you lose the automation advantage, but still have traceability and identification.
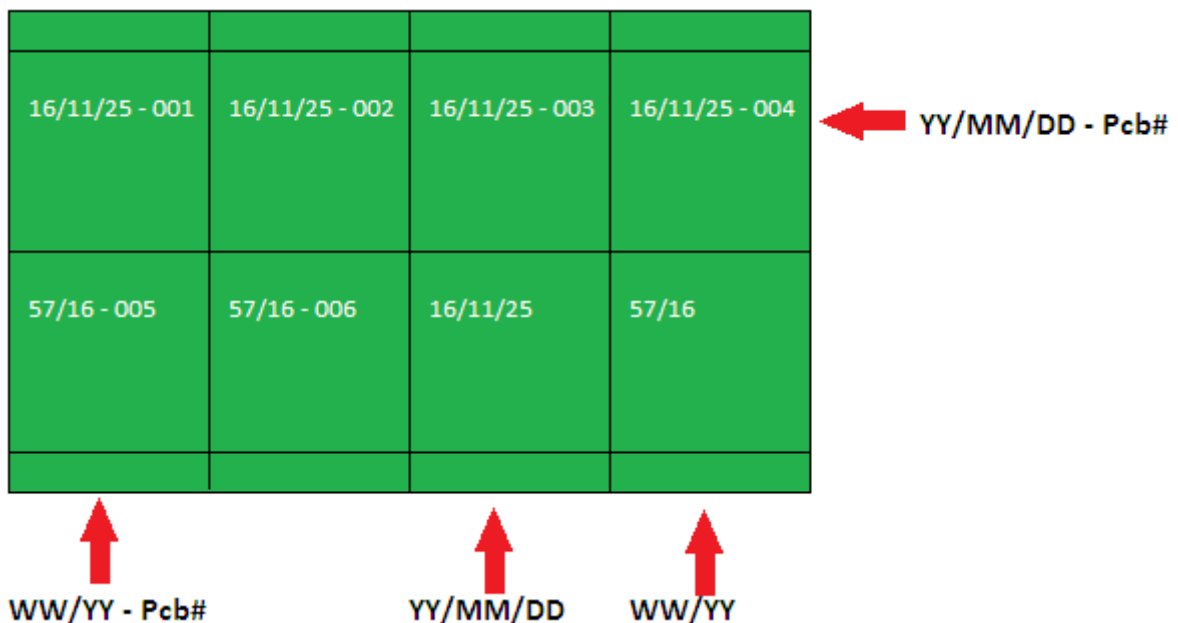

QR Code has distinct square markers in 3 corners

Data Matrix has a solid 'L' shape to 2 sides

DIRECTORS: PD VERHEUL (MANAGING), AJ VERHEUL, PS VERHEUL.

Our Legend Printer Machine designs our standard codes for us, with the date and different (sequential) number for each Pcb Unit, therefore each Pcb unit will have a unique barcode.

If you would like to add a barcode to your boards, feel free to send a 2D or Qr barcode to us in Gerber format, and we will add it to your ident layer. These codes are great for adding lots of information to your board, in one small square. For example, you can have your company name, physical address, contact information, email address, website address, Pcb Refence Number, and the list goes on. We don't design these but we can print them.

This is a list of the standard options we offer:

Option	Serialisation	Discription
1	YY/MM/DD - Pcb #	Text
2	WW/YY - Pcb #	
3	YY/MM/DD	Text Without Pcb #
4	WW/YY	
5	YY/MM/DD - Pcb #	QR Code
6	WW/YY - Pcb #	Minimun 4mmx4mm
7	YY/MM/DD - Pcb #	2D Datamatrix
8	WW/YY - Pcb #	Minimum 4mmx4mm

Please feel welcome to contact us if there is any other information that you may require.
We look forward to assisting you with this new idea of serialisation.

Nicholas Verheul