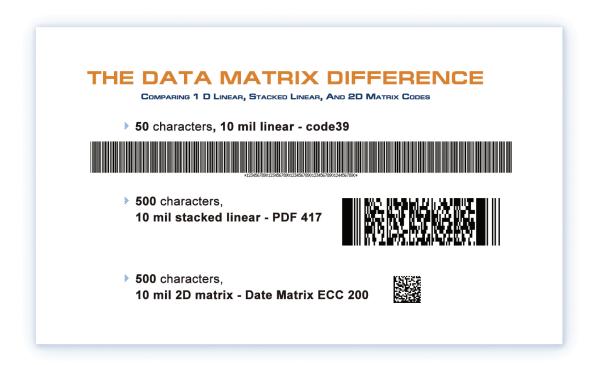# Data-Matrix Code (PCB ID)

Among almost all kinds of the production technology, a unique product identification and tracking are essential topics for quality control. It has been raised itself in the assembly of printed circuit boards. However, most of them are manually made just before the PCBA.

It is useful to produce marks or codes on printed circuit boards during manufacture to aid in inventory control and tracking, and the ID will be definitely useful for the later production in PCBA process.

THE DATA MATRIX DIFFERENCE
COMPARING 1 D LINEAR, STACKED LINEAR, AND 2D MATRIX CODES

» **50** characters, **10 mil linear - code39**

» **500** characters,
10 mil stacked linear - PDF 417

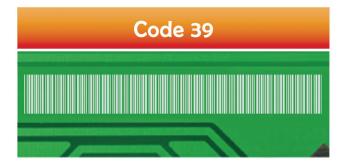» **500** characters,
10 mil 2D matrix - Date Matrix ECC 200

Data-Matrix Code (PCB ID)

Pros:

- Keep record for all PCB

- Aid in inventory control and tracking before PCBA

- Help finding out the root cause of the problem

Serial Number	QR Code / Micro QR Code
S/N:A0001	

Code 39	DataMatrix

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