

Let us share a bit  
"More than Moore"



AM is becoming increasingly important, especially for 3D electronics concepts. New 3D printing processes enable heterogeneous and functional integration through multi-hybrid and tool-free production. Both, physical and/or electrical functions, can be printed, additionally, electronic components can be assembled within a single operation.

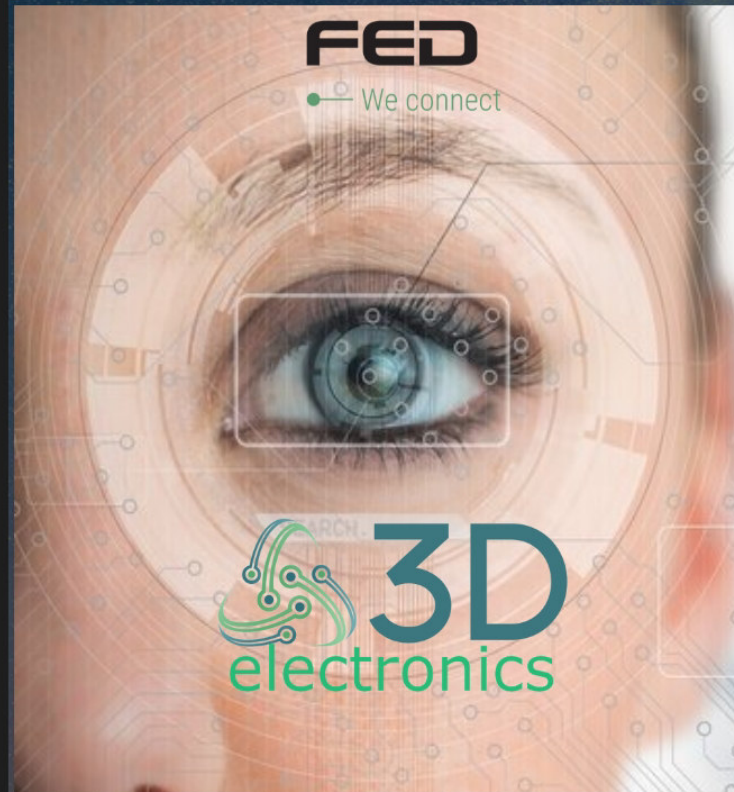
With the new 3D printing processes, multidimensional substrates (components) and circuit carriers with integrated functions such as sensors, actuators, and electro-optical or bionic properties can be realized, without the need for a carrier substrate or already manufactured Printed Circuit Board.

Get in Touch with  
3D Electronics  
together with



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## WORKING GROUP FOR 3D ELECTRONICS

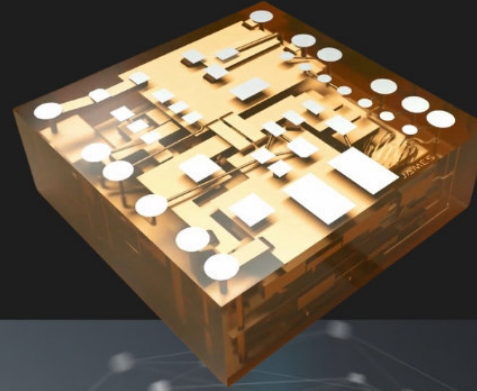
Look beyond of  
2D-electronics



— We connect



Our mission is to collect and evaluate information and to organize the wide variety of technology variants in a systematic and practice-oriented manner.



### Motivation

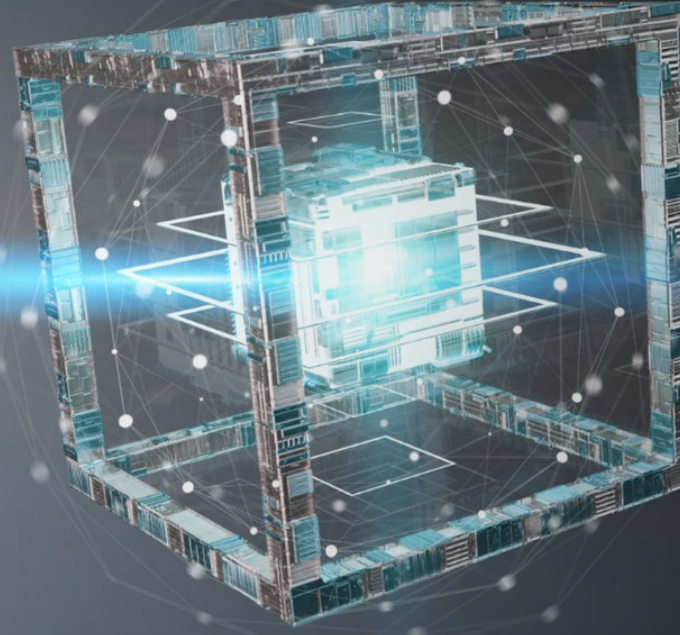
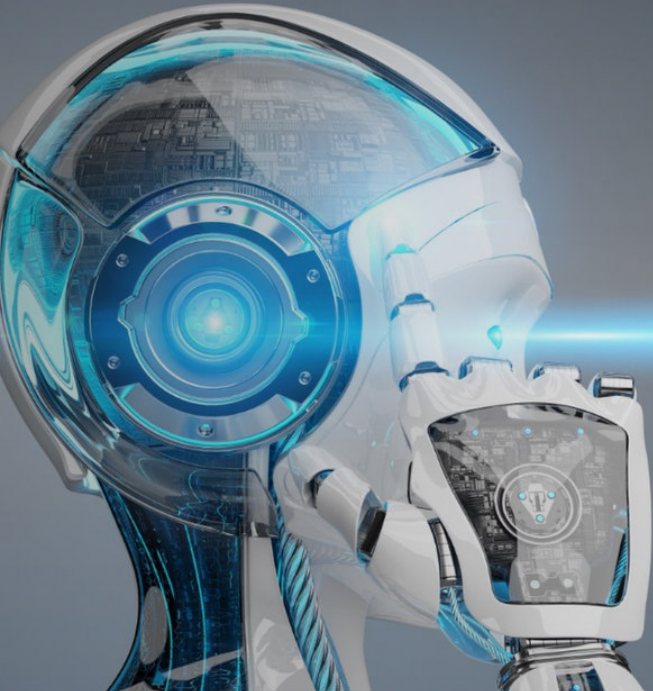
3D electronics is an important key to innovative and efficient electronic solutions. New construction and connection technologies (AVT) enable multifunctional integration of sensors, actuators and electronics.

### New possibilities

- New formfactors
- Improve performance
- Increase functional integration

### White Paper for "AME Classification"

- Introduction to 3D Electronics
- AME Class 1 - Class 5
- Design Tools for 3D Electronics



And the Community For 3D Printed Electronics J.A.M.E.S establishing the first online Community for 3D printed electronics, with which all individuals and organizations can share the latest trends, news and designs for 3D printed electronics and additively manufactured electronics.



### Driving Standards for 3D printed electronics

by Joining forces with IPC



J.A.M.E.S

