

Label of each module includes several useful information about the module

Example of a label of FZ2400R17HP4_B29 module:



Serial number of the module

Module type (module name)

Bar Code 128

Date Code of production
(year 2008, calendar week 42)

V_{CEsat} and V_F classification
(more details, see next page)

Details of bar code 128:

digit 1-5: module serial number
digit 6-11: SAP material number
digit 12-19: Internal production number
digit 20-23: Date Code of production
digit 24-25: V_{CEsat} -class
digit 26-27: V_F -class

For more details, see PCN 2006-11 und 2003-03

V_{CEsat} and V_F classification can be used for easier paralleling of modules



Example:

- 26 V_{CEsat} class 2.6
includes all V_{CEsat} values between 2.54V – 2.64V
- 21 V_F class 2.1
includes all V_F values between 2.05V – 2.14V

→ By paralleling of modules with the same V_{CEsat}/V_F class the smallest parameter distribution can be reached ($\Delta V_{CEsat/F} = 100\text{mV}$ within one V_{CEsat}/V_F class)