Part Number System

COMCHIP
SMD Diodes Specialist

Manufacturer:
C - Comchip

Model
DB: Schottky Diode
DS: Switching Diode
ZR: Zener Didoe
PD: Protect Diode

Model DS,PD
Serial Number or Industry standard Number

Model DB
1. Industry Standard Number.
2. A: IO (1-3 digits)
   ex: 003=>0.03A
   02=>0.2A
   10=>10A
   B: VR (4-6 digits)
   ex: 20=>20V
   100=>100V

Model ZR
1. 52CXXX=5%
   ex: CZRX52C6V8=6.8V(5%)
2. XXXB=2.5%
   ex: CZRX2V4B=2.4V(2.5%)

C	X X	X X	XXXXXX	X	-	X X

Package:
QR: 0402/SOD-923F(DFN)(1-2 digits)
ER: 0503/SOD-723F(DFN)(1-2 digits)
U: 0603/SOD-523F(Blind hole)
UR: 0603/SOD-523F(DFN)(1-2 digits)
S: 0805
SC: 0805(Ceramics substrate)(1-2 digits)
F: 1005/SOD-323F(Blind hole)
FR: 1005/SOD-323F(DFN)(1-2 digits)
FM: SOD-323F(W/B Process on copper substrate)(1-2 digits)
N: 1206
NC: 1206(Ceramics substrate)(1-2 digits)
K: SOD-123F(Blind hole)

Additional information
1. Circuit type of array diodes
   ex: A - Common anode
   C - Common cathode
   S - in series
2. Applications
   ex: L - low V_F
   LL - ultra low V_F
   SL - super low V_F
   R - low I_R

Model PD
1.Suffix U denotes Uni-directional parts.
2.No Suffix U denotes Bi-directional parts.

Note
1.Suffix D denotes High surge parts.
2.Suffix HF denotes Halogen free parts.