Discrete Products
Small Signal Transistors, Diodes

Prefix Key
Plastic Transistors:
MPS    BF
MPSA   MMBT
MPSH   MSD
BC     MUN
MPSW   MMUN

Docoty Diode:
1N
MMBV
MV

Schottky/ Switching Diodes:
MBD    BAT
MMBD   BAS
MPN    BAV
MMSD   DAP
MOS Products

Power MOSFET’s Other

Circuit Identifier
- M = Miniature

TMOS
- M = Miniature

Package Type
- DF = Dual FET (SO-8)
- SF = Single FET (SO-8)
- FT = FET Transistor (SOT-223)
- MTSF = Single FET (Micro8)
- MTDF = Dual FET (Micro8)
- MGSF = TSOP-6, SOT-23

Voltage Rating Divided By 10
- 4 = HD3e
- 2 = HD1

Technology
- 5 = Trench
- 4 = HD3e
- 3 = HD3
- 2 = HD1
MOS Products

New ON Power MOSFET's Part Numbering
This will be part numbering system for all new devices introduced

Circuit Identifier
- N = ON Semiconductor
- X = Engineering Samples
- S = Special Device

TMOS
- T = TMOS
- L = SmartDiscretes
- G = IGBT

Package Type
- P = Plastic TO-220
- D = DPAK
- A = TO-220 Isolated
- W = TO-247
- B = D2PAK
- Y = TO-264
- M = SO-8 (MD-Dual FET, MS-Single FET)
- F = SOT-223
- Q = TSSOP-8
- T = MICRO8
- R = SOT-23
- G = TSOP-6
- S = SC-70

Voltage Rating Divided By 10
- T1 & T2 = Tape & Reel (DPAK/D2PAK)
- T4 = Tape & Reel (DPAK/D2PAK)
- RL = Tape & Reel (DPAK)

Channel Polarity, N or P

Current

Option Suffix
- L = Logic Level
- Z = ESD
- R1 & R2 = Tape & Reel (DPAK/D2PAK)
- T1 & T2 = Tape & Reel (MiniMOS)