P-Channel Enhancement Mode MOSFET

Feature

- -30V/-131A
  $R_{DS(ON)}$= 4.1 mΩ(typ.) @VGS = -10V
  $R_{DS(ON)}$= 6.4 mΩ(typ.) @VGS = -4.5V
- 100% Avalanche Tested
- 100% DVDS
- Reliable and Rugged
- Halogen Free and Green Devices Available
  (RoHS Compliant)

Pin Description

TO-220FB-3L TO-263-2L

Applications

- Switching application
- Li-battery protection
- DC-DC

Single P-Channel MOSFET

Ordering and Marking Information

P B HYG045P03 HYG045P03 XYMXXXXXX XYMXXXXXX	Package Code P: TO-220FB-3L B: TO-263-2L Date Code XYMXXXXXX

Note: HUAYI halogen free products contain molding compounds/die attach materials and 100% matte tin plate Termi-Nation finish;which are fully compliant with RoHS. HUAYI halogen free products meet or exceed the halogen free require-ments of IPC/JEDEC J-STD-020 for MSL classification at halogen free peak reflow temperature. HUAYI defines “Green” to mean halogen free (RoHS compliant) and halogen free (Br or Cl does not exceed 900ppm by weight in homogeneous material and total of Br and Cl does not exceed 1500ppm by weight).

HUAYI reserves the right to make changes, corrections, enhancements, modifications, and improvements to this pr-oduct and/or to this document at any time without notice.

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