
June 21, 2012

Product Specifications of the New Super Junction MOSFETs

- Items common to all product versions
 - Rated channel temperature (Tch): +150°C
 - Drain source voltage rating (VDSS): 600 V
 - Gate source voltage rating (VGSS): ±30 V
 - Rated drain current (ID): 20 A at Tc = 25°C
 - On-resistance (RDS(on)), Typical: 150 mΩ (when ID = 10 A, VGS = 10 V)
 - Reverse Transfer Capacitance (Crss), Typical: 13 pF (VDS = 25 V)
 - Gate-source threshold voltage (VGS (OFF)): Min. 3 V to max. 5 V
 - Body Diode FRD forward voltage (VF): 0.96 V (when IF = 10 A)
 - Body Diode FRD reverse recovery time (trr): 150 ns (when ID = 20 A)

- Package
 - RJL60S5DPP-E0: TO-220FP
 - RJL60S5DPK-M0: TO-3PSG
 - RJL60S5DPE-00: LDPAK

(Remarks)

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