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| Mosfet names | FCPF360N65S3R0L-F154  (10 A) | IXTH1N300P3HV(1 A) | Toshiba  TK2R4A08QM (100 A) |
| Switching parameters  ton  tr  toff  tf  (respectively) | 12ns  11ns  34ns  10ns | 22ns  35ns  78ns  60ns | 119ns  91ns  251ns  95 ns |
| Intrinsic capacitances  Ciss  Crss  Coss  (respectively) | 730pF  173pF  26pF | 895pF  48pF  17pF | 13000pF  135pF  3200pF |
| Gate charge  QG | 18 nC | 30.6 nC | 102-179 nC Volt with Vgs changes from 6 to 10V |
| On Resistance  RDS(on) | 310 m Ω (360 at max) | 50 Ω | 1.88 -3.1 m Ω |
| Reverse Recovery Characteristic  trr | 241ns | 1.8µs | 66ns |