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| --- | --- | --- | --- |
| Mosfet names | MIC 4414/4415  (4.5V) | BSS138L, BVSS138L  (50 V) | IPD50R280CE  (500 V) |
| Switching parameters  ton  tr  toff  tf  (respectively) | 52ns  30ns  58ns  33ns | 20 ns  -  20ns  - | 8 ns  6.4 ns  40 ns  7.6 ns |
| Intrinsic capacitances  Ciss  Crss  Coss  (respectively) | * 1. nF   0.4 nF  - | 40 pF (50 at max)  12 pF (25 at max)  3.5 pF (5 at max) | 773 pF  49 pF  173 pF |
| Gate charge  QG | - | 3 nC | 32.6 nC |
| On Resistance  RDS(on) | 9 type (10 max) | 3.5-10 Ohm | 0.28 Ohm |
| Reverse recovery time | 63 ns | - | 230 ns |