

# Product Detail

**Part Num:** IXTH12N100Q  
**Description:** High Voltage Power MOSFETs  
**Configuration:** Single  
**Package Style:** TO-247  
**Status:** Not for New Designs: Contact the factory for lead times (part is still available for purchase).

Parameter	IXTH12N100Q
VDSS, Max, (V)	1000
ID(cont), TC=25°C, (A)	12
RDS(on), Max, Tj=25°C, (Ohm)	1.05
Ciss, Typ, (pF)	3000
Qg, Typ, (nC)	95
trr, Typ, (ns)	740
Pd, (W)	300
RthJC, Max, (°C/W)	0.42