

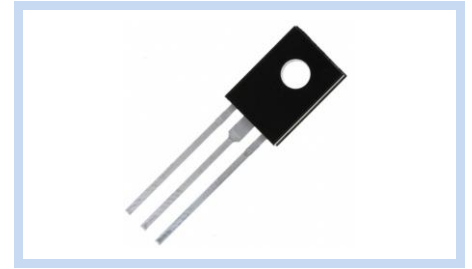
MOSFET TO126 Package

MFT-T126 series

MERITEK

FEATURE

- Operating and Storage Temperature: -50°C ~ +150°C
- Fast Switching Characteristics
- Improved dv/dt Capability



PART NUMBERING SYSTEM

MFT 65 N 4 T126S
(1) (2) (3) (4) (5)

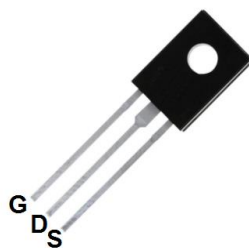


No	Item	Code	Part Description	Series Reference
(1)	Meritek Series	MFT	Meritek MOSFET Series	Leaded Type
(2)	Voltage Rating	65	65:650V	Drain-Source Voltage, 10:100V
(3)	FET Type	N	N: Single N Channel	N-Channel MOSFET
(4)	Current Rating	4	4:4A	Continuous Drain Current, T _C =25°C
(5)	Internal Code	T126S	Internal Control Reference	Package or Project Reference

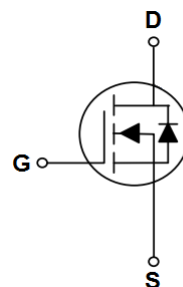
SURFACE MOUNT MOSFET PACKAGE REFERENCE TABLE

Series	FET Type	Channel/ Feature	Continuous Drain Current (I _D) @ 25°C	R _{DS(ON)} Max. @ 4.5 V _{GS}	Power Dissipation (P _D) @25°C	Drain to Source Voltage (V _{DS})
MFT(N)-T126	N	Single	4	-	25W	650V

PIN CONFIGURATION



TO-126



Single N Type

ELECTRICAL CHARACTERISTICS

MFT(N)-T126 Series – Single N Channel Type

Part Number	V _{DS} (V)	I _D (A)		V _{GS} (V)	R _{DS(ON)} (mΩ) max. at V _{GS}		Q _g (nC)		C _{ISS} (pF)	P _D (W) @25°C	T _S , T _J (°C)
		25°C	100°C		10V	4.5V	10V	4.5V			
MFT65N4T126S	650	4	2.5	±30	2600	-	16	-	750	25	-55 ~ +150

Note:

1. TA=25°C unless otherwise specified. 2. PD is Power Dissipation Derate above 25°C.

*Specifications subject to change without notice.