捷多邦,专业PCB打样工厂,24小时加急出货

(FIELD-EFFECT TRANSISTOR)

FOR LOW FREQUENCY AMPLIFY APPLICATION N CHANNEL JUNCTION TYPE

DESCRIPTION

2SK492 is a super mini outline resin sealed silicon N channel junction type FET. It is designed for low frequency voltage amplify, application and analog switch application.

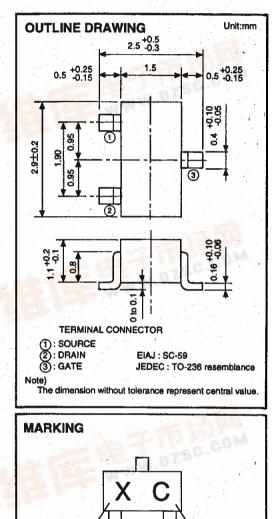
FEATURE

Small type for mounting
High | yfs | | yfs | =8mS(typ)
Low RDS(ON) RDS(ON)=70 Ω typ

查询2SK492供应商

APPLICATION

General purpose voltage amplify, analog switch circuit for stereo, cassette deck, VCR.



TYPE NAME

IDSS ITEM

MAXIMUM RATINGS (Ta=25°C)					
Symbol	Parameter	Ratings	Uni		
Vgdo	Gate to Drain voltage	-50	V		
la	Gate current	10	mA		
Рт	Total allowable dissipation(Ta=25°C)	150	mW		
Tch	Channel temperature	+125	Ϋ́		

ELECTRICAL CHARACTERISTICS (Ta=25°C)

Storage temperature

Symbol	Parameter	Test conditions	Limits			1
Symbol			Min	Тур	Max	Unit
IGSS	Gate leakage current	VGS=-30V,VDS=0			-1	nA
DSS *	Drain current	VDS=10V,VGS=0	1	4	12	mA
VGS(off)	Cut off voltage	VDS=10V,ID=10 µA	-0.1		-2.0	V
yfs	Forward transfer admittance	VDS=10V,VGS=0,f=1kHz	6.0	15		mS
yfs	Forward transfer admittance	Vps=10V,lp=1mA,f=1kHz		8	[mS
yos	Output admittance	Vps=10V,Ip=1mA,f=1kHz		10		μS
Ciss	Input capacitance	VDS=10V,VGS=0,f=1MHz		20		pF
NF	Noise figure	Vps=10V,lp=1mA,f=100Hz,Rg=1kΩ		1.0		dB
RDS(ON)	Drain to source resistor	Vps=10mVrms(1kHz),Vgs=0,Ipss=5mA		70		Ω

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-55 to +125



Tstg

ISAHAYA ELECTRONICS CORPORATION

IDSS

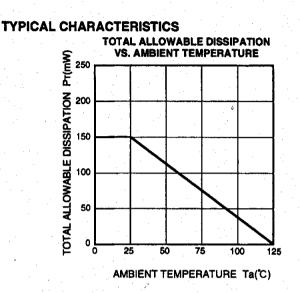
1.0 to 3.0

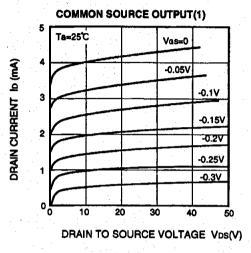
2.5 to 6.0

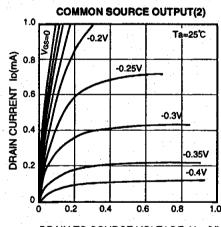
5.0 to 12

. (FIELD-EFFECT TRANSISTOR) 2SK492

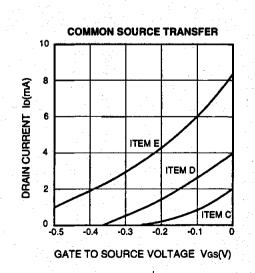
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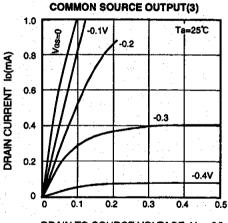




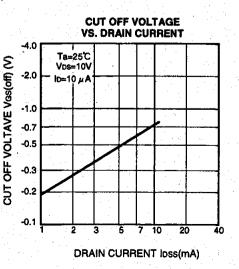


DRAIN TO SOURCE VOLTAGE VDs(V)



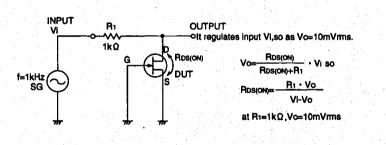


DRAIN TO SOURCE VOLTAGE VDS (V)

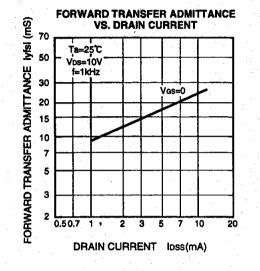


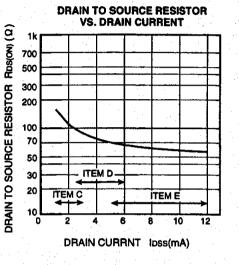
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ISAHAVA ELECTRONICS CORDODATION



DRAIN TO SOURCE RESISTOR RDS(ON) TEST CIRCUIT





FOR LOW FREQUENCY AMPLIFY APPLICATION N CHANNEL JUNCTION TYPE

2SK492

〈FIELD-EFFECT TRANSISTOR〉

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http://www.idc-com.co.jp 6-41, TSUKUBA, ISAHAYA, NAGASAKI, 854-0065, JAPAN

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