

Excellent Integrated System Limited

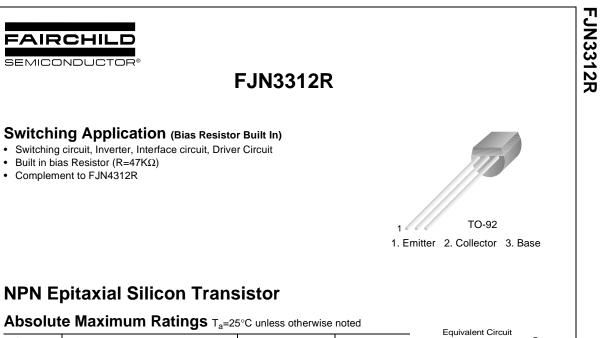
Stocking Distributor

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Fairchild Semiconductor FJN3312RTA

For any questions, you can email us directly: <u>sales@integrated-circuit.com</u>





Symbol	Parameter	Value	Units
V _{CBO}	Collector-Base Voltage	40	V
V _{CEO}	Collector-Emitter Voltage	40	V
V _{EBO}	Emitter-Base Voltage	5	V
I _C	Collector Current	100	mA
P _C	Collector Power Dissipation	300	mW
TJ	Junction Temperature	150	°C
T _{STG}	Storage Temperature	-55 ~ 150	°C

Electrical Characteristics T_a=25°C unless otherwise noted

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Symbol	Parameter	Test Condition	Min.	Тур.	Max.	Units	
BV _{CBO}	Collector-Base Breakdown Voltage	I _C =100μA, I _E =0	40			V	
BV _{CEO}	Collector-Emitter Breakdown Voltage	I _E =1mA, I _B =0	40			V	
I _{CBO}	Collector Cut-off Current	V _{CB} =30V, I _E =0			0.1	μΑ	
h _{FE}	DC Current Gain	V _{CE} =5V, I _C =1mA	100		600		
V _{CE} (sat)	Collector-Emitter Saturation Voltage	I _C =10mA, I _B =1mA			0.3	V	
C _{ob}	Output Capacitance	V _{CB} =10V, I _E =0 f=1MHz		3.7		pF	
f _T	Current Gain Bandwidth Product	V _{CE} =10V, I _C =5mA		250		MHz	
R	Input Resistor		32	47	62	KΩ	

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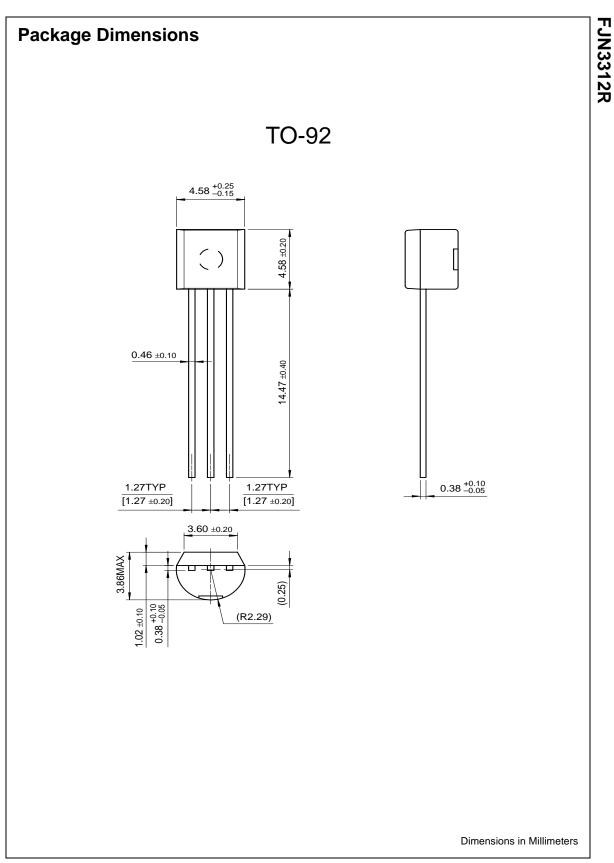
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	E ² CMOS™	HiSeC™	MSXPro™	Quiet Series™	TruTranslation™
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The Power Franchise™		OPTOLOGIC [®]	SILENT SWITCHER®	VCX™	
	Programmable Ac	ctive Droop™	OPTOPLANAR™	SMART START™	

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