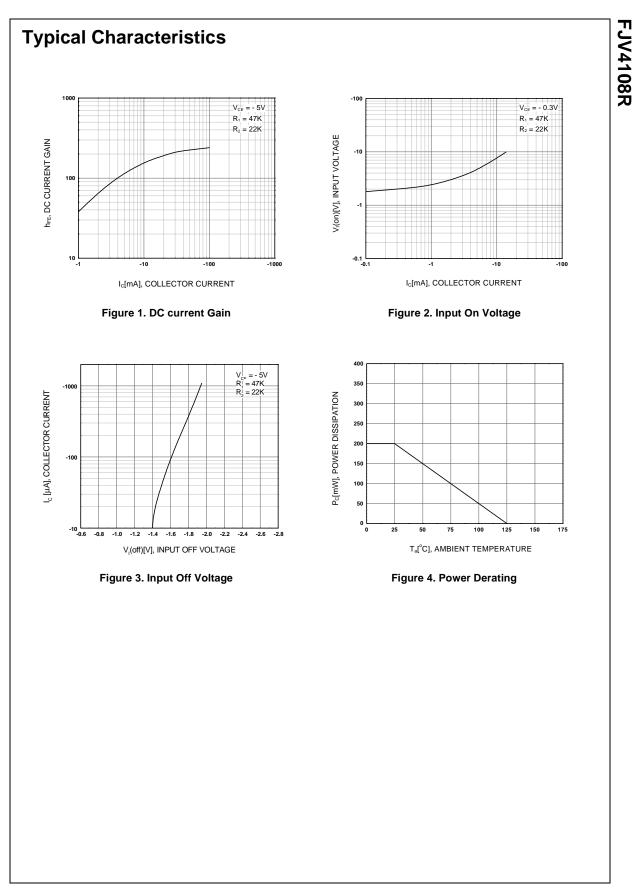
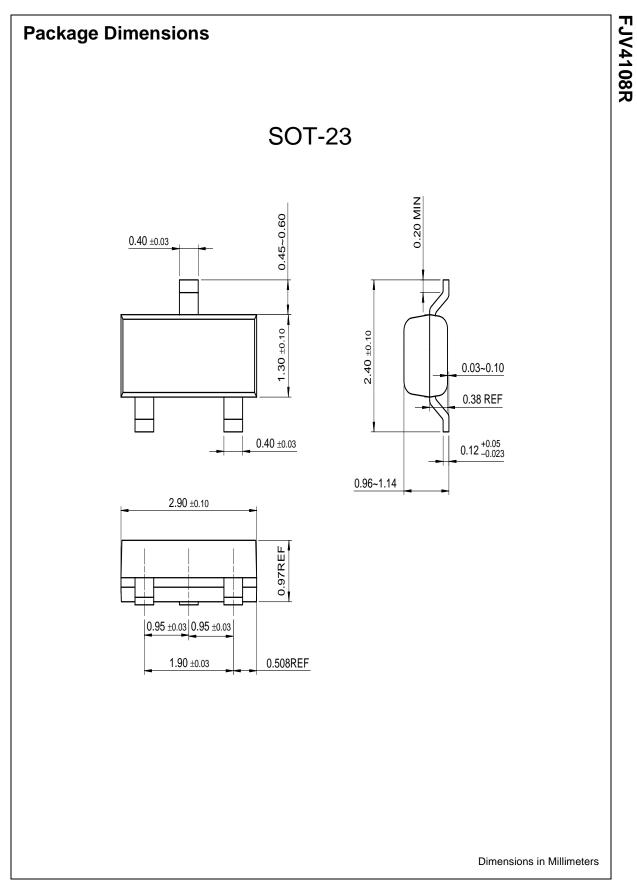


BV <sub>CEO</sub>	Collector-Emitter Breakdown Voltage	I <sub>C</sub> = -100μA, I <sub>B</sub> =0	-50			V
I <sub>CBO</sub>	Collector Cut-off Current	V <sub>CB</sub> = -40V, I <sub>E</sub> =0			-0.1	μΑ
h <sub>FE</sub>	DC Current Gain	$V_{CE}$ = -5V, $I_{C}$ = -5mA	56			
V <sub>CE</sub> (sat)	Collector-Emitter Saturation Voltage	I <sub>C</sub> = -10mA, I <sub>B</sub> = -0.5mA			-0.3	V
f <sub>T</sub>	Current Gain Bandwidth Product	V <sub>CE</sub> = -10V, I <sub>C</sub> = -5mA		200		MHz
C <sub>ob</sub>	Output Capacitance	V <sub>CB</sub> = -10V, I <sub>E</sub> =0 f=1.0MHz		5.5		pF
V <sub>I</sub> (off)	Input Off Voltage	V <sub>CE</sub> = -5V, I <sub>C</sub> = -100μA	-0.8			V
V <sub>I</sub> (on)	Input On Voltage	V <sub>CE</sub> = -0.3V, I <sub>C</sub> = -2mA			-4	V
R <sub>1</sub>	Input Resistor		32	47	62	KΩ
$R_1/R_2$	Resistor Ratio		1.9	2.1	2.4	

©2002 Fairchild Semiconductor Corporation



©2002 Fairchild Semiconductor Corporation



©2002 Fairchild Semiconductor Corporation

## TRADEMARKS

The following are registered and unregistered trademarks Fairchild Semiconductor owns or is authorized to use and is not intended to be an exhaustive list of all such trademarks.

### DISCLAIMER

FAIRCHILD SEMICONDUCTOR RESERVES THE RIGHT TO MAKE CHANGES WITHOUT FURTHER NOTICE TO ANY PRODUCTS HEREIN TO IMPROVE RELIABILITY, FUNCTION OR DESIGN. FAIRCHILD DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE APPLICATION OR USE OF ANY PRODUCT OR CIRCUIT DESCRIBED HEREIN; NEITHER DOES IT CONVEY ANY LICENSE UNDER ITS PATENT RIGHTS, NOR THE RIGHTS OF OTHERS.

### LIFE SUPPORT POLICY

FAIRCHILD'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF FAIRCHILD SEMICONDUCTOR CORPORATION.

# As used herein:

1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, or (c) whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.

2. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

### **PRODUCT STATUS DEFINITIONS**

### **Definition of Terms**

Datasheet Identification	Product Status	Definition		
Advance Information	Formative or In Design	This datasheet contains the design specifications for product development. Specifications may change in any manner without notice.		
Preliminary	First Production	This datasheet contains preliminary data, and supplementary data will be published at a later date. Fairchild Semiconductor reserves the right to make changes at any time without notice in order to improve design.		
No Identification Needed	Full Production	This datasheet contains final specifications. Fairchild Semiconductor reserves the right to make changes at any time without notice in order to improve design.		
Obsolete	Not In Production	This datasheet contains specifications on a product that has been discontinued by Fairchild semiconductor. The datasheet is printed for reference information only.		

Fairchild Semiconductor		S Inventory	netric   Cross Reference   uct Folders and Applica
find products	Home >> Find products >>		
Products groups Analog and Mixed Signal Discrete Interface Logic Microcontrollers Non-Volatile Memory Optoelectronics Markets and applications New products Product selection and parametric search Cross-reference search	<ul> <li>FJV4108R</li> <li>PNP Epitaxial Silicon Transistor</li> <li>Contents</li> <li>Features   Product status/pricing/packaging</li> <li>Features</li> <li>Switching circuit, Inverter, Interface circuit, Driver Circuit</li> <li>Built in bias Resistor (R<sub>1</sub>=47KΩ, R<sub>2</sub>=22KΩ)</li> <li>Complement to FJV3108R</li> </ul>	Datasheet Download this datasheet PDF e-mail this datasheet [E- This page Print version	"Related Links         Request samples         Dotted line         How to order products         Dotted line         Product Change Notices         (PCNs)         Dotted line         Support         Dotted line         Dotted line         Support         Dotted line         Dotted line         Support         Dotted line         Distributor and field sales         representatives         Dotted line         Quality and reliability         Design tools

back	to	top

technical information

buy products

my Fairchild

company

technical support

Product status/pricing/packaging

Product	Product status	Pricing*	Inventory check & ordering	Package type	Leads	Packing method
FJV4108RMTF	Full Production	\$0.056	Purchase	<u>SOT-23</u>	3	TAPE REEL

\* Fairchild 1,000 piece Budgetary Pricing

back to top

<u>Home</u> | <u>Find products</u> | <u>Technical information</u> | <u>Buy products</u> | <u>Support</u> | <u>Company</u> | <u>Contact us</u> | <u>Site index</u> | <u>Privacy policy</u>

© Copyright 2002 Fairchild Semiconductor