

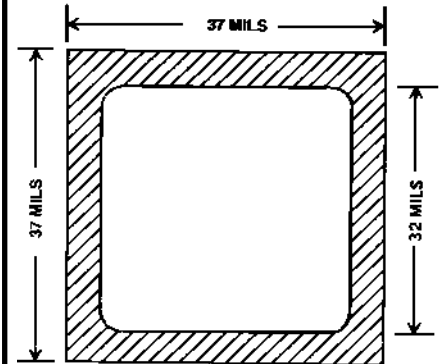
- 1N5819 AND 1N6761 AVAILABLE IN JANHC AND JANKC PER MIL PRF-19500/586
- 1 AMP SCHOTTKY BARRIER RECTIFIER CHIPS
- SILICON DIOXIDE PASSIVATED
- COMPATIBLE WITH ALL WIRE BONDING AND DIE ATTACH TECHNIQUES, WITH THE EXCEPTION OF SOLDER REFLOW

CD5817 thru CD5819
and
CD6759 thru CD6761
and
CD1A20 thru CD1A100

MAXIMUM RATINGS

Operating Temperature: -55°C to +125°C
Storage Temperature: -55°C to +150°C
Average Rectified Forward Current: 1.0 AMP @ +55°C
Derating: 14.3 mA / °C above +55°C

CDI TYPE NUMBER	WORKING PEAK REVERSE VOLTAGE	MAXIMUM FORWARD VOLTAGE		MAXIMUM REVERSE LEAKAGE CURRENT AT RATED VOLTAGE	
	V _{RWM}	V _F @0.1A	V _F @1.0A	I _R @25°C	I _R @100°C
	VOLTS	VOLTS	VOLTS	mA	mA
CD5817	20	0.36	0.60	0.10	5.0
CD5818	30	0.36	0.60	0.10	5.0
CD5819	40	0.36	0.60	0.10	5.0
JHC, JKC 5819	45	0.34	0.49	0.05	5.0
CD6759	60	0.38	0.75	0.10	6.0
CD6760	80	0.38	0.75	0.10	6.0
CD6761	100	0.38	0.75	0.10	6.0
JHC, JKC 6761	100	0.38	0.69	0.10	12.0
CD1A20	20	0.36	0.60	0.10	5.0
CD1A30	30	0.36	0.60	0.10	5.0
CD1A40	40	0.36	0.60	0.10	5.0
CD1A50	50	0.36	0.60	0.10	5.0
CD1A60	60	0.38	0.75	0.10	12.0
CD1A80	80	0.38	0.75	0.10	12.0
CD1A100	100	0.38	0.75	0.10	12.0



BACKSIDE IS CATHODE
FIGURE 1

DESIGN DATA

METALLIZATION:

Top: (Anode).....Al
Back: (Cathode).....Au

AL THICKNESS.....25,000 Å Min

GOLD THICKNESS.....4,000 Å Min

CHIP THICKNESS.....10 Mils

TOLERANCES: ALL
Dimensions ± 2 mils



COMPENSATED DEVICES INCORPORATED

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WEBSITE: <http://www.cdi-diodes.com>

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E-mail: mail@cdi-diodes.com

CD5817 thru CD5819 and CD6759 thru CD6761 and CD1A20 thru CD1A100

TYPICAL REVERSE LEAKAGE CURRENT AT RATED PIV (PULSED)

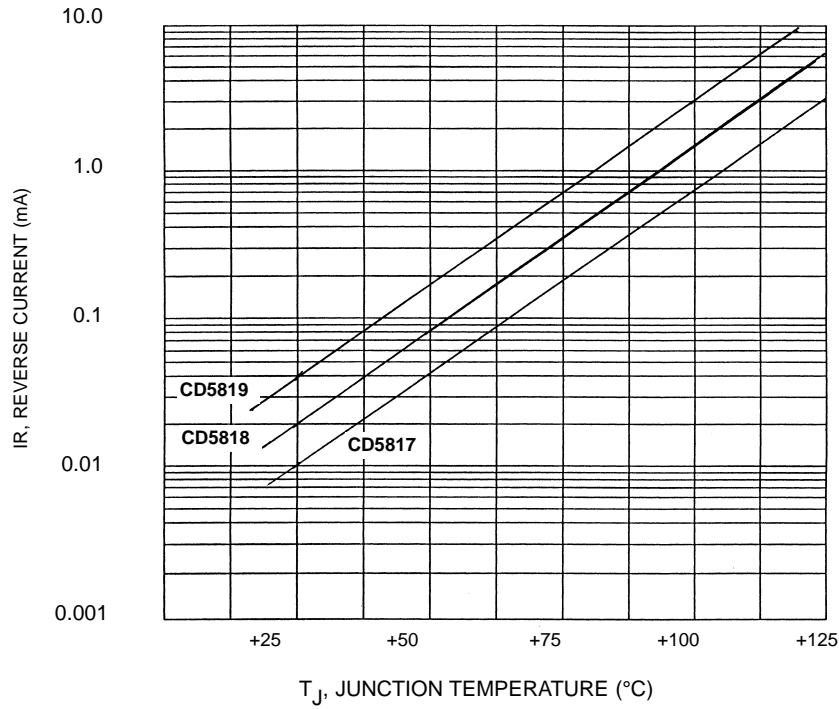


FIGURE 1

TYPICAL FORWARD VOLTAGE

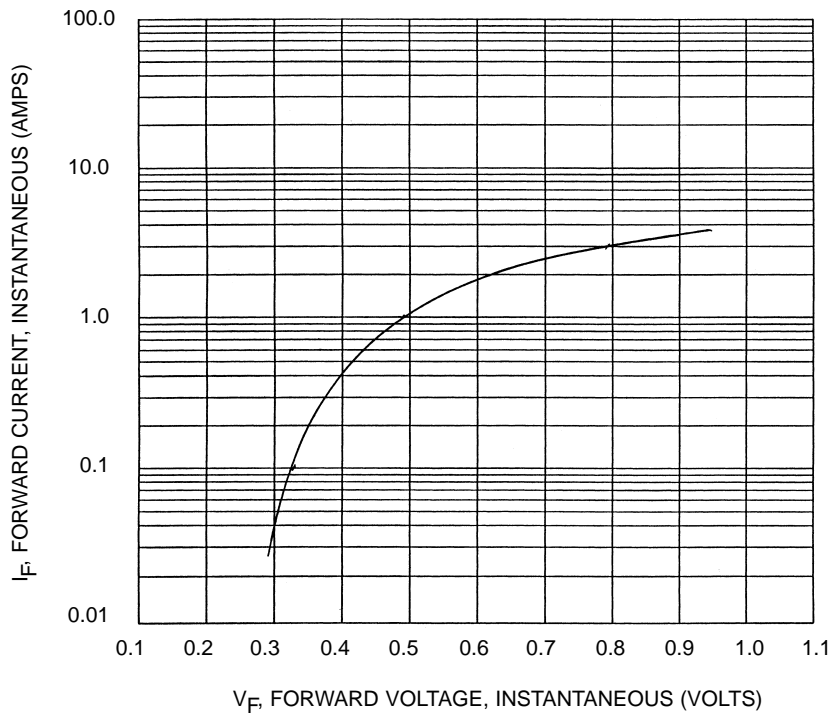


FIGURE 2

- 汇集 8,000 家半导体厂商，坐拥 70,000,000 个电子元器件 datasheet
- 涉及详细参数，器件、封装、应用图，参考设计，中文 PDF
- 工程师首选 datasheet 全球数据中心，你能想到我们就能搜到

集成电路查询网： www.datasheet5.com

- 国内唯一一家电路图分享、交易平台，让电路体现你电子行业的价值
- 聚焦万量级热门免费电路，哪怕你是一个初学者，手把手教你创造出实物

电路城： www.cirmall.com

- 百万电子行业工程师（创客）知识交流平台，电路图免费分享乐园
- 百万精品电路图为你倾心准备
- 工程师的驿站、技术达人停泊的港湾

电子电路图网： www.cndzz.com

- 依托全球电子业 16 年的 Findchips 充当幕后器件搜索引擎
- 国内首家实时 BOM 批量比价平台，让你站在最高的舞台纵观电子行业

批量器件比价： www.bom2buy.com