

# Microsemi HiRel Semiconductor Products



Microsemi is a world leader in military and commercial aerospace semiconductors and modules. Our military/aerospace history spans nearly a half century, to the earliest days of the company, serving virtually every major manufacturer in the industry.

## High Reliability Radiation Hardened Bipolar Transistors

Part Number	V(BR) CEO	IC	Max TID Rating	Slash Sheet
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### SMD-0.5 (Surface Mount)

#### NPN Power

JANSF2N5152U3	80V	10.0A	300K RAD	/544
JANSF2N5154U3	80V	10.0A	300K RAD	/544

#### PNP Power

JANSF2N5151U3	80V	10.0A	300K RAD	/545
JANSF2N5153U3	80V	10.0A	300K RAD	/545

### TO-18

#### NPN Silicon Switcher

JANSH2N2221A	50V	0.8A	1 MEG RAD	/255
JANSH2N2221AL	50V	0.8A	1 MEG RAD	/255
JANSH2N2222A	50V	0.8A	1 MEG RAD	/255
JANSH2N2222AL	50V	0.8A	1 MEG RAD	/255
JANSF2N2369A	15V	0.1A	300K RAD	/317
JANSR2N3700	80V	1.0A	100K RAD	/391
JANSF2N4449	15V	0.1A	300K RAD	/317

#### PNP Silicon Switcher

JANSR2N2906A	60V	0.6A	100K RAD	/291
JANSR2N2906AL	60V	0.6A	100K RAD	/291
JANSR2N2907A	60V	0.6A	100K RAD	/291
JANSR2N2907AL	60V	0.6A	100K RAD	/291

Part Number	V(BR) CEO	IC	Max TID Rating	Slash Sheet
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### TO-39

#### NPN Silicon Switcher

JANSR2N2218	30V	0.8A	100K RAD	/251
JANSR2N2218A	50V	0.8A	100K RAD	/251
JANSR2N2219	30V	0.8A	100K RAD	/251
JANSR2N2219A	50V	0.8A	100K RAD	/251
JANSR2N3019S	80V	1.0A	100K RAD	/391
JANSR2N3439L	350V	1.0A	100K RAD	/368
JANSR2N3440L	250V	1.0A	100K RAD	/368
JANSR2N3498	100V	0.3A	100K RAD	/366
JANSR2N3499	100V	0.3A	100K RAD	/366
JANSR2N3500	150V	0.3A	100K RAD	/366
JANSR2N3501	150V	0.3A	100K RAD	/366

#### PNP Silicon Switcher

JANSR2N3634	140V	1.0A	100K RAD	/357
JANSR2N3635	140V	1.0A	100K RAD	/357
JANSR2N3636	175V	1.0A	100K RAD	/357
JANSR2N3637	175V	1.0A	100K RAD	/357

#### NPN Power

JANSF2N5152	80V	10.0A	300K RAD	/544
JANSF2N5154	80V	10.0A	300K RAD	/544

#### PNP Power

JANSF2N5151	80V	10.0A	300K RAD	/545
JANSF2N5153	80V	10.0A	300K RAD	/545

Part Number	V(BR) CEO	IC	Max TID Rating	Slash Sheet
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### TO-5

#### NPN Silicon Switcher

JANSR2N2218AL	50V	0.8A	100K RAD	/251
JANSR2N2219AL	50V	0.8A	100K RAD	/251
JANSR2N3019	80V	1.0A	100K RAD	/391
JANSR2N3439	350V	1.0A	100K RAD	/368
JANSR2N3440	250V	1.0A	100K RAD	/368
JANSR2N3498L	100V	0.3A	100K RAD	/366
JANSR2N3499L	100V	0.3A	100K RAD	/366
JANSR2N3500L	150V	0.3A	100K RAD	/366
JANSR2N3501L	150V	0.3A	100K RAD	/366

#### PNP Silicon Switcher

JANSR2N3634L	140V	1.0A	100K RAD	/357
JANSR2N3635L	140V	1.0A	100K RAD	/357
JANSR2N3636L	175V	1.0A	100K RAD	/357
JANSR2N3637L	175V	1.0A	100K RAD	/357

#### NPN Power

JANSF2N5152L	80V	10.0A	300K RAD	/544
JANSF2N5154L	80V	10.0A	300K RAD	/544

#### PNP Power

JANSF2N5151L	80V	10.0A	300K RAD	/545
JANSF2N5153L	80V	10.0A	300K RAD	/545

### TO-59

#### NPN Power

JANSF2N5002	80V	10.0A	300K RAD	/534
JANSF2N5004	80V	10.0A	300K RAD	/534

### TO-78

#### PNP DUAL

JANSF2N3810	60V	0.1A	300K RAD	/336
JANSF2N3810L	60V	0.1A	300K RAD	/336
JANSF2N3811	60V	0.1A	300K RAD	/336
JANSF2N3811L	60V	0.1A	300K RAD	/336

### 3 Pin LCC (Surface Mount)

#### NPN Silicon Switcher

JANSH2N2221AUB	50V	0.8A	1 MEG RAD	/255
JANSH2N2221AUBC	50V	0.8A	1 MEG RAD	/255
JANSH2N2222AUB	50V	0.8A	1 MEG RAD	/255
JANSH2N2222AUBC	50V	0.8A	1 MEG RAD	/255
JANSF2N2369AUB	15V	0.1A	300K RAD	/317
JANSF2N2369AUBC	15V	0.1A	300K RAD	/317
JANSR2N3501UB	150V	0.3A	100K RAD	/366
JANSR2N3700UB	80V	1.0A	100K RAD	/391

#### PNP Silicon Switcher

JANSR2N2906AUB	60V	0.6A	100K RAD	/291
JANSR2N2906AUBC	60V	0.6A	100K RAD	/291
JANSR2N2907AUB	60V	0.6A	100K RAD	/291
JANSR2N2907AUBC	60V	0.6A	100K RAD	/291
JANSR2N3634UB	140V	1.0A	100K RAD	/357
JANSR2N3635UB	140V	1.0A	100K RAD	/357
JANSR2N3636UB	175V	1.0A	100K RAD	/357
JANSR2N3637UB	175V	1.0A	100K RAD	/357

Part Number	V(BR) CEO	IC	Max TID Rating	Slash Sheet
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### 4 Pin LCC (Surface Mount)

#### NPN Silicon Switcher

JANSH2N2221AUA	50V	0.8A	1 MEG RAD	/255
JANSH2N2222AUA	50V	0.8A	1 MEG RAD	/255
JANSF2N2369AUA	15V	0.1A	300K RAD	/317
JANSR2N3439UA	350V	1.0A	100K RAD	/368
JANSR2N3440UA	250V	1.0A	100K RAD	/368

#### PNP Silicon Switcher

JANSR2N2906AUA	60V	0.6A	100K RAD	/291
JANSR2N2907AUA	60V	0.6A	100K RAD	/291

### 6 Pin LCC (Surface Mount)

#### NPN Silicon Switcher

JANSF2N2369AU	15V	0.1A	300K RAD	/317
JANSF2N3810U	60V	0.1A	300K RAD	/336

#### PNP DUAL

JANSF2N3811U	60V	0.1A	300K RAD	/336
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### TO-254AA

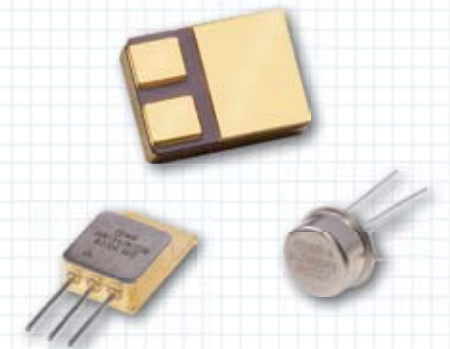
#### NPN Power

JANSF2N7373	80V	10.0A	300K RAD	/613
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### TO-46

#### NPN Silicon Switcher

JANSR2N3057A	80V	1.0A	100K RAD	/391
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