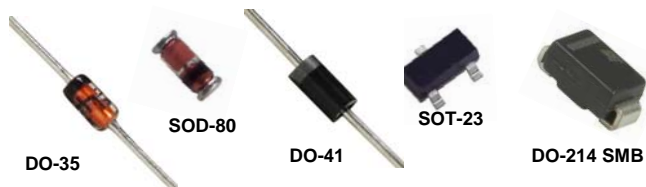


DIODES

SMALL SIGNAL & POWER DIODES



Order No	Description	Case	Each	10+pcs
1N4007	Rectifier Diode 1000v 1A	DO-41	\$0.10	\$0.08
1N4148	General Purpose Small Sig	DO-35	\$0.05	\$0.04
LL4148	SMD version of 1N4148	SOD-80	\$0.10	\$0.08
1N5819	Diode Schottky 1A 40v	DO-41	\$0.25	\$0.20
BAS16	SMD High Speed Switch	SOT-23	\$0.25	\$0.20
MBR5130LT3	SMD Switching Diode 30V 1A	SMB	\$0.60	\$0.54
S1G	SMD Power Diode 400v 1A	DO-214	\$0.20	\$0.16

SCHOTTKY DIODES



General purpose & high performance Schottky diodes for RF mixing, detectors, frequency discriminators. The BAS70-04 is a General purpose high speed switching diode. The HSMS-2822 is suitable for mixers in RX / TX converters up to 3.4GHz, & the HSMS-8202 is suitable for mixers & RF detectors up to 1.2GHz.

Order No	Description	Case	Each	10+pcs
1N5711	Schottky Mixer Diode	DO-35	\$0.50	\$0.40
BAS70-04	Schottky Diode	SOT-23	\$0.20	\$0.16
HSMS-2822	Mixer Up To 3GHz	SOT-23	\$2.95	\$2.35
HSMS-8202	Mixer 3 -14GHz	SOT-23	\$3.05	-

OPTOCOUPLEDERS



Order No	Description	Case	Each
4N25	Phototransistor Optocoupler	DIP-6	\$1.40

DIODES

LIGHT EMITTING DIODES



Order No	Description	Each
LED1	5mm RED 5-15MCD Diffused	\$0.25
LED2	3mm RED 40deg 5 MCD Diffused	\$0.20
LED7	5mm GREEN 40deg 10 MCD Diff	\$0.25
LED10	5mm Clear WHITE 45deg 2-3k MCD	\$1.45
LED11	3mm Green 40deg 6 MCD Diffused	\$0.20

LED10 Suitable for panel Lamp replacement

ZENER / SUPPRESSION DIODES



Mini-Kits stock a range of Zener & protection Diodes commonly used in our Kits.

Order No	Description	Case	Each
.5Z5V1	5volt Zener Diode 0.5W	DO-35	\$0.25
BZX284C3V3	3volt Zener Diode 0.4W	SOD-80	\$0.35
BZX284C5V6	5.6volt Zener Diode 0.4W	SOD-110	\$0.25
1.5KE18A	18V Protection Diode	D0201	Sold Out
LCE14A NEW!	14V Transient Protection Diode 1.5KW 65A	D0201	\$1.30
SM15T15A NEW!	15V Transient Protection Diode 1.5KW 65A	SMC	\$0.94
SMBJ14A NEW!	14V Transient Protection Diode 600W 25.9A	DO214	\$0.67

VARICAP DIODES



Many conventional leaded Varicap diodes have become obsolete. Unfortunately many packages have become very small SOT-323.

Order No	Description	Case	Each	10+pcs
BB153	VHF Varicap 2.6-40pF	SOT-323	\$0.70	\$0.56
BB149A	UHF Varicap 2.0-18pF	SOT-323	\$0.50	
BB201	VHF Dual Varicap 10-100pF	SOT-23	\$0.55	

DIODES

RF SWITCHING PIN DIODES



RF Switching diodes suitable for Low power RX / TX switching in Transverter I/F stages, or Local Osc switching etc. The BA482 / BAT18 is suitable for VHF / UHF signal switching to 1GHz, & the HSMP-3824 is suitable for 1.2 or 2.4GHz equipment, & is usable up to 3GHz. The Mitsubishi MI809 is suitable for high power switching up to 10Watts on 1200MHz. **The BA482 are suitable replacements for bandswitching diodes in most older HF Transceivers. The BAT18 is the SMD version of the BA482.**

Order No	Description	Case	Each	10+pcs
BA482	VHF Band Switching Ct=1-1.6pF Rfs=0.7ohm	DO-34	\$0.65	\$0.52
BAR64-03W NEW!	HF-SHF Band Switching Ct=.35pF Rfs=1.35ohm	SOT-323	\$0.65	\$0.52
BAT18	VHF Band Switching Ct=1.0pF Rfs=0.7ohm	SOT-23	\$2.20	\$1.76
HSMP-3824	PIN Diode SMD Ct=1pF Rfs=0.6ohm	SOT-23	\$1.05	\$0.945
MI809	PIN Diode SMD Ct=1.2pF Rfs=0.75ohm	SMD 3pcs in stock	\$3.00	

FIXED / ADJ VOLTAGE REGULATORS



Order No	Description	Case	Each	10+pcs
78L05	5volt 100mA	TO-92	\$0.60	\$0.48
78L05 SMD	5volt 100mA 8 Pin	SO-8	\$0.60	\$0.48
78L06	6volt 100mA	TO-92	\$0.65	\$0.52
78L08	8volt 100mA	TO-92	\$0.60	\$0.48
78L09	9volt 100mA	TO-92	\$0.60	\$0.48
78M05	5volt 0.5 Amp	D-PAK	\$0.75	\$0.60
78M08	8volt 0.5 Amp	D-PAK	\$0.75	\$0.60
7805T	5volt 1Amp	TO-220	\$0.60	\$0.48
7808T	8volt 1Amp	TO-220	\$0.70	\$0.56
7809T	9volt 1Amp	TO-220	\$0.85	\$0.64
LM317LZ	Adj 100mA	TO-92	\$0.85	\$0.68
LM317T	Adj 1.5Amp	TO-220	\$1.20	\$0.96

VOLTAGE REGULATORS

LOW VOLTAGE DROP REGULATORS

Order No	Description	Case	Each	10+pcs
LD1117DT18C	1.8volt 0.8A	D-PAK	\$0.90	\$0.72
LD1117DT33C	3.3volt 0.8A	D-PAK	\$1.25	\$1.00
LM2940CT-8	8volt 1A	TO-220	\$3.30	
LM2940CT-12	12 volt 1A	TO-220	\$4.40	
MC33269DT-012G NEW!	12volt 0.8A low drop	D-PAK	\$1.45	-
NCP1117DT12G NEW!	12volt 1A low drop	D-PAK	\$1.35	\$1.08

SWITCHING REGULATORS

The LT1507 is a 500Khz high efficiency stepdown switching regulator. Input voltage range is 4 to 15volts DC. Data sheet can be found on the Mini-Kits web site. The ICL7660 -ve voltage generator IC is suitable as a low current GaAs FET gate supply.

Order No	Description	Case	Each	10+pcs
LT1507CS8	1.5A Switching Reg	S0-8	\$10.50	-
ICL7660CSA	-Ve Voltage Gen	S0-8	\$1.40	\$1.26

ACTIVE BIAS CONTROLLER



SOT-343

Supplies a stable bias to NPN Transistors & FETs up to 200mA. Package is a tiny SOT343.

Order No	Description	Case	Each	10+pcs
BCR400W	Active Bias Controller	SOT-343	\$0.25	\$0.20

Download the Data sheet from the Mini-Kits WEB site