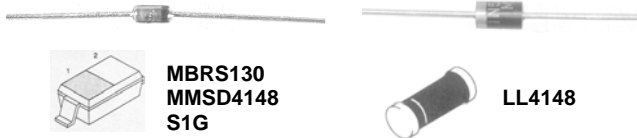


DIODES

SMALL SIGNAL & POWER DIODES



Order No	Description	Each	10+pcs
1N4148	General Purpose Small Signal	\$0.05	\$0.03
LL4148	SMD version of 1N4148	\$0.10	\$0.08
1N4007	Rectifier Diode 1000v 1A	\$0.08	\$0.05
S1G	SMD Power Diode 400v 1A	\$0.20	\$0.16
MBRS130LT3	SMD Power Switching Diode 1A	\$1.90	\$1.52
BAS16	SMD High Speed Switch	\$0.25	\$0.20

LED / VARICAP DIODES



Order No	Description	Each
BB405B	UHF Varicap 0.4-25pF	\$0.45
BB515	SMD VHF/UHF Varicap 19.5pF	\$0.45
LED1	Standard 5mm RED 5-15MCD	\$0.20
LED2	Standard 3mm RED 5-15MCD	\$0.20
LED10	5mm Clear WHITE 45deg 2-3k MCD	\$1.45

Suitable for panel Lamp replacement

ZENER DIODES

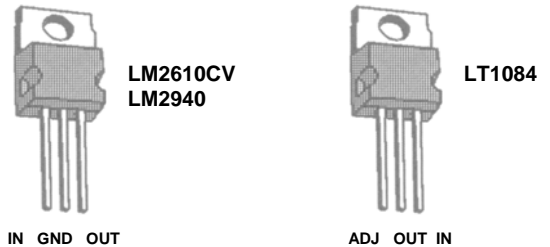


Mini-Kits stocks a small range of Zener Diodes commonly used in the Kits.

Order No	Description	Case	Each
.5Z5V1	5volt Zener Diode 0.5W	D0-35	\$0.29
BZX284C3V0	3volt Zener Diode 0.4W	SOD-110	\$0.35
BZX284C5V6	5.6volt Zener Diode 0.4W	SOD-110	\$0.35

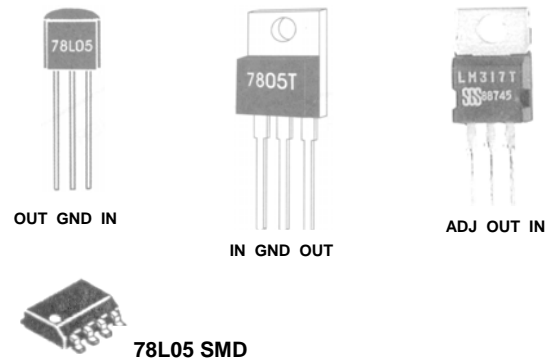
VOLTAGE REGULATORS

LOW VOLTAGE DROP REGULATORS



Order No	Description	Case	Each
LM2940CT-8	8volt 1A	TO220	\$3.73
LT1084CT	Adjustable 5Amp	TO220	\$9.45
LM2940CT-12	12volt 1A	TO220	\$4.40

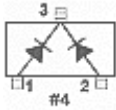
FIXED VOLTAGE REGULATORS



Order No	Description	Case	Each	10+pcs
78L05	5volt 100mA	TO92	\$0.60	\$0.48
78L05 SMD	5volt 100mA 8 Pin	SO-8	\$0.60	\$0.48
78L06	6volt 100mA	TO92	\$0.65	\$0.52
78L08	8volt 100mA	TO92	\$0.50	\$0.40
78L09	9volt 100mA	TO92	\$0.60	\$0.48
7805T	5volt 1Amp	TO220	\$0.60	\$0.48
7808T	8volt 1Amp	TO220	\$0.70	\$0.56
7809T	9volt 1Amp	TO220	\$0.60	\$0.48
LM317LZ	Adj 100mA	TO92	\$0.85	\$0.68
LM317T	Adj 1.5Amp	TO220	\$1.20	\$0.96

DIODES

RF SWITCHING PIN DIODES



HSMP-3824

BAT18
single diode
pins 1-3



BA482

MI809



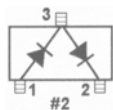
RF Switching diodes suitable for Low power RX / TX switching in Transverter I/F stages, or Local Osc switching etc. The BA482 / BAT18 is suitable for VHF / UHF signal switching to 1GHz, & the HSMP-3824 is suitable for 1.2 or 2.4GHz equipment, & is usable up to 3GHz. The Mitsubishi MI809 is suitable for 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
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	\$2.05	\$1.64
MI809	PIN Diode SMD Ct=1.2pF Rfs=0.75ohm	SMD	\$3.95	Low Stock

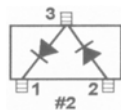
SCHOTTKY DIODES



SOT-23



HSMS-2822



HSMS-8202



MA700A

1N5711

General purpose & high performance Schottky diodes for RF mixing, detectors, frequency discriminators. The HSMS-2822 is suitable for mixers in RX / TX converters up to 3.4GHz, & the HSMS-8202 is suitable for 5.7 & 10GHz RX / TX converters. The 1N5711 / MA700A (Replaces BA481) & is suitable for mixers & RF detectors up to 1.2GHz.

Order No	Description	Case	Each	10+pcs
1N5711	Schottky Mixer Diode	Outline15	\$0.66	\$0.55
HSMS-2822	Mixer Up To 3GHz	SOT-23	\$2.95	\$2.35
HSMS-8202	Mixer 3 -14GHz	SOT-23	\$2.69	
5082-2835	No Longer Stocked	Use HSMS-2822		

POWER SUPPLY SWITCHING ICS

REGULATORS / VOLTAGE GENERATORS



SO-8

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
LT1507CS8	1.5A Switching Reg	S0-8	\$10.50
ICL7660CSA	-Ve Voltage Gen	S0-8	\$1.55

POWER MOSFETS

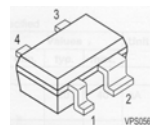


SO-8

The Fairchild NDS9400A is suitable for powersupply switching of current up to 2.5A, & voltages of up to 30volts. The NDS9400A is used in Mini-Kits 2.4GHz poweramplifier Kit to switch power to the GaAs MMICs Drain supply.

Order No	Description	Case	Each
NDS9400A	Single P Channel ID 2.5A VDS30V	S0-8	\$3.55

ACTIVE BIAS CONTROLLER



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