

Electronic Parts (Semiconductors, Fuses, Lamps, Relays etc.)

All items are subject to prior sale. Prices & availability on request !

Diodes / Rectifiers

I t e m	Function	Replacement
1N4005	Diode	
1N4007	Diode	
1N4148	Diode	
1N4454	Diode	
1N914	Diode	1N4148
BA 157	Diode	
BAV 45	Diode	
BAY 19	Diode	
BAY 21	Diode	BAV 21
BY 133	Diode	
BY 291	Diode	BYW 95C
BYV 27-150	Diode	
BYV 28-150	Diode	
BYV 96E	Diode	
BYW 29E150	Diode	
BYW 56	Diode	
BYW 95C	Diode	
BYX 28/200R	Diode	
E 1110	Diode	
E 1120	Diode	
E 1140	Diode	
E 1210	Diode	
E 1220	Diode	
E 1240	Diode	
FDH 300	Diode	
MR 752	Diode	P 600B
MUR 1520	Diode	
MUR 840	Diode	
MX 100	Diode	
P 600B	Diode	
HSK E 3500/1550-0.8	HV-Diode	
BAY 26	HV-Diode	LM 25
BY 184	HV-Diode	LM 25
BY 409A	HV-Diode	DR 1000
BY 509	HV-Diode	
DR 300	HV-Diode	

DR 1000	HV-Diode	
SSTE 1000C8-C	HV-Diode	
B40C5000/3000	Rectifier Bridge	
B80C1500B	Rectifier Bridge	
B80C3200/2200	Rectifier Bridge	
B80C3700/2200	Rectifier Bridge	
B250C800	Rectifier Bridge	
B250C1500	Rectifier Bridge	
B350C250	Rectifier Bridge	
B380C800	Rectifier Bridge	
B380C1000	Rectifier Bridge	
B380C1500	Rectifier Bridge	
DF 02M	Rectifier Bridge	
DF 04M	Rectifier Bridge	
KBPC25-02	Rectifier Bridge	SKB-25/02
KBPC25-04	Rectifier Bridge	
KBPC 25-06	Rectifier Bridge	
S07K250	Rectifier Bridge	
VT 200T	Rectifier Bridge	
1.5KE15CA	V-Suppressor Diode	
1.5KE18A	V-Suppressor Diode	
1.5KE36C	V-Suppressor Diode	
1.5KE39CA	V-Suppressor Diode	
1.5K100CP	V-Suppressor Diode	
1.5KE350A	V-Suppressor Diode	
1N827	Ref.-Voltage Diode	
1N938	Ref.-Voltage Diode	
1N939	Ref.-Voltage Diode	
OP 01CJ	Ref.-Voltage Diode	REF 01HP
NT 3398/N	Ref.-Voltage Diode	
REF 01HP	Ref.-Voltage Diode	OP 01CJ
1N5341B	Z-Diode	
1N5355B	Z-Diode, 15V	
1N5363B	Z-Diode	
BZT 03C7V5	Z-Diode	
BZT 03C12	Z-Diode	
BZT 03C18	Z-Diode	
BZT 03C20	Z-Diode	
BZT 03C33	Z-Diode	
BZT 03C180	Z-Diode	
BZT 03C270	Z-Diode	
BZV 40C51	Z-Diode	

BZV 40C56	Z-Diode
BZV 46C1.5	Z-Diode
BZW 06C15	Z-Diode
BZX 70C62	Z-Diode
BZX 70C68	Z-Diode
BZX 79C3V3	Z-Diode
BZX 79C7.5	Z-Diode
BZX 79C10	Z-Diode
BZX 79C11	Z-Diode
MZD 82	Z-Diode
ZD 200	Z-Diode
ZPD 2.7	Z-Diode
ZPD 3.0	Z-Diode
ZPD 3.6	Z-Diode
ZPD 3.9	Z-Diode
ZPD 5.1	Z-Diode
ZPD 5.6	Z-Diode
ZPD 6.2	Z-Diode
ZPD 8.2	Z-Diode
ZPD 9.1	Z-Diode
ZPD 10	Z-Diode
ZPD 12	Z-Diode
ZPD 15	Z-Diode
ZPD 18	Z-Diode
ZPD 20	Z-Diode
ZPD 22	Z-Diode
ZPD 24	Z-Diode
ZPD 27	Z-Diode
ZPD 33	Z-Diode
ZPD 36	Z-Diode
ZPD 43	Z-Diode
ZPD 200	Z-Diode
ZX 3.9	Z-Diode
ZX 6.2	Z-Diode
ZX 7.5	Z-Diode
ZX 10	Z-Diode
ZX 15	Z-Diode
ZX 22	Z-Diode
ZX 33	Z-Diode
ZX 56	Z-Diode
ZX 82	Z-Diode
ZX 100	Z-Diode
ZX 110	Z-Diode
ZX 130	Z-Diode
ZX 150	Z-Diode

ZX 180	Z-Diode
ZY 6.8	Z-Diode
ZY 8.2	Z-Diode
ZY 10	Z-Diode
ZY 15	Z-Diode
ZY 33	Z-Diode
ZY 56	Z-Diode
ZY 150	Z-Diode
ZY 180	Z-Diode
ZY 200	Z-Diode

Thyristors / TRIACs

40512	Triac	
BT 137-600	Triac	
BT 138-800E	Triac	BTA 12-700C
BTA 06-600T	Triac	
BTA 08-600B	Triac	
BTA 12-700C	Triac	
T2500M	Triac	BTA 06-600T
T2710D	Triac	
TAG 201-400	Triac	
TAG 255-400	Triac	
TIC 116M	Thyristor	

Transistors / FETs

2N1613	NPN Transistor
2N1671A	UJT Transistor
2N1711	NPN Transistor
2N2218(A)	NPN Transistor
2N2219A	NPN Transistor
2N2222A	NPN Transistor
2N2646	UJT Transistor
2N2904(A)	PNP Transistor
2N2906/7	PNP Transistor
2N2915	Dual NPN Transistor
2N2917	Dual NPN Transistor
2N3020	NPN Transistor
2N3053	NPN Transistor
2N3054	NPN Transistor
2N3055	NPN Transistor
2N3134	PNP Transistor
2N3251	PNP Transistor
2N3439	NPN Transistor

2N3440	NPN Transistor	
2N3441	NPN Transistor	
2N3442	NPN Transistor	
2N3565	NPN Transistor	
2N3566	NPN Transistor	
2N3568	NPN Transistor	
2N3638	PNP Transistor	
2N3641	NPN Transistor	
2N3645	NPN Transistor	
2N3716	NPN Transistor	
2N3739	NPN Transistor	
2N3740	PNP Transistor	
2N3766	NPN Transistor	
2N3771	NPN Transistor	
2N3773	NPN Transistor	
2N3819	N-FET	
2N3820	P-FET	
2N3866	NPN Transistor	
2N3904	NPN Transistor	
2N3906	PNP Transistor	
2N3954A	Dual N-FET	
2N4036	PNP Transistor	
2N4037	PNP Transistor	
2N4119A	N-FET	ECG 312
2N4248	PNP Transistor	
2N4391	N-FET	
2N4931	PNP Transistor	
2N5087	PNP Transistor	
2N5401	PNP Transistor	
2N5416	PNP Transistor	
2N5551	NPN Transistor	
2N5686	NPN Transistor	
2N6057	NPN Darlington	
BC 140-16	NPN Transistor	
BC 140-6A	PNP Transistor	
BC 177	PNP Transistor	
BC 183B	NPN Transistor	
BC 190B	NPN Transistor	
BC 213B	PNP Transistor	
BC 327-40	PNP Transistor	
BC 337-25	NPN Transistor	
BC 413B	NPN Transistor	
BC 415B	PNP Transistor	
BC 416B	PNP Transistor	
BC 546B	NPN Transistor	

BC 550B	NPN Transistor	
BC 556B	PNP Transistor	
BC 557B	PNP Transistor	
BC 635	NPN Transistor	
BD180	PNP Transistor	BD238
BD 237	NPN Transistor	
BD 238	PNP Transistor	
BDY 56	NPN Transistor	
BF 256B	N-FET	
BF 257	NPN Transistor	
BFW 44	PNP Transistor	
BFX 15	Dual NPN Transistor	
BFX 37	PNP Transistor	
BFX 39	PNP Transistor	
BFX 41	PNP Transistor	
BFY 39-III	NPN Transistor	
BFY 40	NPN Transistor	
BFY 91	Dual NPN Transistor	
BSW 65	NPN Transistor	
BSX 36	PNP Transistor	
BSY 84	NPN Transistor	
BU 205	NPN Transistor	
BU 208	NPN Transistor	
BU 508A	NPN Transistor	BU 508AW
BUX 85	NPN Transistor	
BUY 18	NPN Transistor	
BUZ 21	N-MOSFET	
BUZ 23	N-MOSFET	BUZ 21
BUZ 30A	N-MOSFET	
BUZ 50B	N-MOSFET	
BUZ 73A	N-SIPMOSFET	
MAT 02FH	Dual NPN Transistor	
MJ 15003	NPN Transistor	
MJ 3001	NPN Darlington	
MJ 3202	NPN Transistor	
MJE 13005	NPN Transistor	
MJE 340	NPN Transistor	
MJE 350	PNP Transistor	
MPSA 14	NPN Darlington	
MPSA 42	NPN Transistor	
MPSA 64	PNP Darlington	
MPSA 92	PNP Transistor	
IRF 230	N-MOSFET	IRF 450 / 740
IRF 540	N-MOSFET	
IRF 640	N-MOSFET	

IRF 740	N-MOSFET	
IRF 830	N-MOSFET	
IRF 840	N-MOSFET	
IRF 9530	P-MOSFET	
IRL 520N	N-MOSFET	
IRL 530N	N-MOSFET	
J 113	N-FET	
MAT 02FH	Dual NPN-Transistor	
OC 480	Ge Transistor	
RCA 40319	NPN Transistor	2N4036
RCA 40321	NPN Transistor	2N3439
RCA 40363	NPN Transistor	2N3055
U 231	N-JFET	
U 233	N-JFET	
U 235	N-JFET	
TD 101	Dual NPN-Transistor	
TIP 115	PNP Darlington	
TIP 120	NPN Transistor	
TIP 122	NPN Transistor	
TIP 127	PNP Darlington	
TIP 142	NPN Transistor	
TIP 31C	NPN Transistor	
TIP 50	NPN Transistor	
TIPL 760A	NPN Transistor	
TIS 68	Dual FET	
TD 101	Dual NPN-Transistor	

Voltage Regulator ICs

LM 304H	V-Regulator
LM 309H	V-Regulator
LM 309K	V-Regulator
LM 317HVK	V-Regulator
LM 317T	V-Regulator
LM 320K-12	V-Regulator
LM 320MP-15	V-Regulator
LM 323K	V-Regulator
LM 338K	V-Regulator
LM 340K-15	V-Regulator
LM 340K-12	V-Regulator
LM 340T15	V-Regulator
LM 340T5	V-Regulator
LM 376N	V-Regulator
LM 723CN	V-Regulator
µA 723CL	V-Regulator

LM 7805CT	V-Regulator
LM 7812CT	V-Regulator
LM 7824 CT	V-Regulator
MC 1430G	V-Regulator
MC 1461G	V-Regulator
MC 1463G	V-Regulator
MC 1463R	V-Regulator
MC 78L05ACP	V-Regulator
MC 7815CT	V-Regulator
MC78M05CT	V-Regulator
MC 79L05	V-Regulator
MC 7915CT	V-Regulator
RC 4195N	V-Regulator
RC 4195TK	V-Regulator
TL 494CN	V-Regulator
TL 783CK	V-Regulator

Analog ICs

AD 7512DIJN	Dual SPST DICMOS	
AD 7524JN	CMOS Dig.- IC	
ADC 0805LCN	A/D Converter	
ADC 0820CCNA	8-Bit A/D Converter	
BZY 24	Quartz	
CA 1458E	Op.-Amp.	
CA 3028A	Op.-Amp.	
CA 3059	Zero-V Switch	
CA 3140AE	FET Op.-Amp.	
CA 3240AE1	Dual FET Op.-Amp.	
CA 348E	Op.-Amp.	
DG 200BA	Dual SPST CMOS Analog Switch	ADG 200BA
DG 201ACJ	Quad SPST CMOS Analog Switch	
DG 419DJ	SPST CMOS Analog Switch	
DG 506ACJ	CMOC MUX 1-of-16	MPC 506AP
DG 508ACJ	CMOS MUX 1-of-8	
ICL 7667CPA	MOSFET Driver	
ICL 7673CPA	Battery Back-Up	
ICL 8013CC	Four Quadrant Analog Multiplier	
IH 6116 CPI	CMOS MUX 1-of-16	DG 506
INA 101AG	Op.-Amp.	INA 101HP
LF 356H	FET Op.-Amp.	
LF 412CN	FET Op.-Amp.	
LF 442CN	FET Op.-Amp.	
LM 201AH	Op.-Amp.	
LM 310N	Op.-Amp.	

LM 311P	Comparator	
LM 324N	Quad Op.-Amp.	
LM 339N	Quad Comparator	
LM 343H	HV Op.-Amp.	
LM 348N	4 x Op.-Amp.	
LM 358N	2 x Op.-Amp.	CA 358E
LM 710CH	V-Comparator	
LM 321AH	Pre.-Amp.	
LM 324N	Quad Op.-Amp.	
LM 747CN	2 x Op.-Amp.	
MPC 506AP	CMOS MUX 1-of-16	DG 506ACJ
MUX 16 ET	CMOS MUX 1-of-16	DG 506ACJ
OP 07GJ	Op.-Amp.	
OP 07GP	Op.-Amp.	OP 77GP
OP 177GP	Op.-Amp.	
OP 27EZ	Op.-Amp.	
OP 400GP	Op.-Amp.	
OP 77GP	Op.-Amp.	OPA 277PA
OPA 277PA	Op.-Amp.	
PMI MUX 16	JFET MUX 1-of-16	
RC 4558P	Op.-Amp.	
SG 3524	PMW Modulator	
SG 3525A	PMW Modulator	UC 3524AN
SHC 5320KH	S&H Amp.	
SHM -IC-1	S&H Amp.	
SN 49702N	Op.-Amp.	
SN 49LS702N	Op.-Amp.	
SN 72709DN	Double Op.-Amp.	
SN 72709N	Op.-Amp.	μ A 709PC
SN 72709P / H	Op.-Amp.	
SN 72741N	Op.-Amp.	
SN 72741P	Op.-Amp.	
SSS 725CJ	Op.-Amp.	
TL 081CP	Op.-Amp.	
TL 082CP	Op.-Amp.	
TL 494CN	PMW Modulator	
TP 1028	Hybrid IC	
TP 1424	FET Op.-Amp.	
UC 3842N	PWM Controller	
VFC 32 KP	Voltage to Frequency Converter	
μ A 702CL	Op.-Amp.	μ A 702HC
μ A 709PC	Op.-Amp.	
μ A 741CL	Op.-Amp.	

Opto-Couplers

CNY 75C	Opto-Coupler	
ILD 2	Opto-Coupler	
MCT 2E	Opto-Coupler	
MCT 274	Opto-Coupler	CNY 75C
TLP 5214A	HV Opto-Coupler	
MOC 3043	Opto-Coupler	

Digital ICs

CD 4001BCN	CMOS Dig.- IC	
CD 4011BCN	CMOS Dig.- IC	
CD 4013BCN	CMOS Dig.- IC	
CD 4023BCN	CMOS Dig.- IC	
CD 4027BC	CMOS Dig.- IC	SCL 4027BC
CD 4040BCN	CMOS Dig.- IC	
CD 4053BCN	CMOS Dig.- IC	
CD 4070BE	CMOS Dig.- IC	
CD 4093BCN	CMOS Dig.- IC	
CD 40106BCN	CMOS Dig.- IC	
CD 40175BCN	CMOS Dig.- IC	
CD 40193BCN	CMOS Dig.- IC	
CD 4541BCN	CMOS Dig.- IC	
CP 82C55A	CMOS μ P	
DM 930N	DTL Dig.-IC	ECG 9930
DM 936N	DTL Dig.-IC	
DM 945N	DTL Dig.-IC	ECG 9945
DM 946N	DTL Dig.-IC	
DM 962N	DTL Dig.-IC	
DM 7505	DTL Dig.-IC	
DM 9601	DTL Dig.-IC	ECG 9601
HEF 40106BDB	CMOS Dig.- IC	
HP 5082 7300	LED 7-segment	
ICL 7667CPA	CMOS Driver	
ICL 7673CPA	Battery Backup	
ICM 7555CN	CMOS Timer	NE 555
L 298 N	Dual Full-Bridge Driver	
LM 555CN	TTL Timer	NE 555
MC 14490P	CMOS Dig.- IC	
MI-7621-5	???	
MM 74C175N	CMOS Dig.-IC	
MM 74C42N	CMOS Dig.-IC	
NE 555	Timer	
NE 5560N	SM PS-Controll	

SN 7400N	TTL Dig.-IC	
SN 7402N	TTL Dig.-IC	
SN 7403N	TTL Dig.-IC	
SN 7404N	TTL Dig.-IC	
SN 7405N	TTL Dig.-IC	DM 7405N
SN 7406N	TTL Dig.-IC	
SN 7407N	TTL Dig.-IC	
SN 74107N	TTL Dig.-IC	
SN 7410N	TTL Dig.-IC	
SN 74121N	TTL Dig.-IC	
SN 74123N	TTL Dig.-IC	
SN 74126N	TTL Dig.-IC	
SN 7413N	TTL Dig.-IC	
SN 74141N	TTL Dig.-IC	
SN 74154N	TTL Dig.-IC	
SN 74184N	TTL Dig.-IC	
SN 74185AN	TTL Dig.-IC	
SN 74190N	TTL Dig.-IC	
SN 7420N	TTL Dig.-IC	
SN 7430N	TTL Dig.-IC	
SN 7437N	TTL Dig.-IC	
SN 7440N	TTL Dig.-IC	
SN 7442AN	TTL Dig.-IC	
SN 7445N	TTL Dig.-IC	
SN 7474N	TTL Dig.-IC	
SN 7475N	TTL Dig.-IC	
SN 7476N	TTL Dig.-IC	
SN 7490N	TTL Dig.-IC	
SN 7493AN	TTL Dig.-IC	
SN 74LS02N	LS Dig.-IC	
SN 74LS03N	LS Dig.-IC	
SN 74LS14N	LS Dig.-IC	
SN 74LS30N	LS Dig.-IC	
SN 74LS32N	LS Dig.-IC	
SN 74LS74AN	LS Dig.-IC	
SN 74LS123N	LS Dig.-IC	
SN 74LS193N	LS Dig.-IC	
SN 74LS240N	LS Dig.-IC	
SN 74LS367N	LS Dig.-IC	
SN 74LS374N	LS Dig.-IC	
SN 74LS640N	LS Dig.-IC	
SN 74LS640-1N	LS Dig.-IC	
SN 74LS645AN	LS Dig.-IC	
SN 75162BN	Transceiver	
SN 75451BP	Line driver	

SN 75452BP	Line driver	
SN ALS645AN	ALS Dig.-IC	
ULN 2004A	Darlington Line driver	MC 1412C

Relays / Reed-Relays

3213 A018 1300 25	Relay	
A 2510	Relay	
A 2605	Relay	
A 2615	Relay	
A 2626	Relay	
DIP 05-1A72-12L	Reed-Relays	
HGR2M 53221 M00	Relay	
JS1-5V-F	Relay	
RH-12V	Reed-Relays	
RH-24V	Reed-Relays	
V23016-A0005-A101	Relay	
V23154-D0716-B110	Relay	
V23154-D0716-F104	Relay	
V23154-D0721-F104	Relay	
V23154-D0721-W001	Relay	

Tubes

Victoreen 7234	HV Pentode	
Victoreen 7235	Dual Triode	
6AL5	Dual Diode	EAA91, EB91
6EB8	Triode / Pentode	6GN8
CK 587	Electrometer Tube	
DF 703	Electrometer Tube	
E83F	Pentode	
E283CC	Double Triode	
E88CC	Double Triode	
K81A	Noise Diode	
SR 7	Ref.-V.-Tube	
SR 44	Ref.-V.-Tube 85 V	
SR 45	Ref.-V.-Tube	
ZM 1000	Nixie-Tube	
ZZ 1000	Ref.-V.-Tube 81 V	SR 44 / SR 45
ZZ 1020	Ref.-V.-Tube 82 V	STV 85/8
ZZ 1021	Ref.-V.-Tube 82 V	STV 85/8

Light Bulbs / LEDs

BA7S	Lamp 6V / 100mA	
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BA7S	Lamp 14V / 100mA
MGT 1 3/4	Lamp no. 337
MGT 1 3/4	Lamp no. 338
T 4.5	Tf.-Lamp 12V / 40mA
T 4.5	Tf.-Lamp 24V / 20mA
T 4.6	Tf.-Lamp 24V / 20mA
T 5.5	Tf.-Lamp 6V / 40mA
T 5.5	Tf.-Lamp 12V / 50mA
T 5.5	Tf.-Lamp 12V / 100mA
T 5.5	Tf.-Lamp 12V / LED
T 5.5	Tf.-Lamp 24V / 50mA
T 5.5	Tf.-Lamp 60V / 20mA
T 6.8	Tf.-Lamp 6V / 80mA
T 6.8	Tf.-Lamp 12V / 100mA
T 6.8	Tf.-Lamp 24V / 80mA
T 6.8	Tf.-Lamp 24V / LED

Fuses, 250 V

250 V / 5 x 20 mm

T 0.05 A
F 0.1 A
T 0.1 A
F 0.25 A
T 0.5 A
F 0.63 A
T 0.63 A
F 0.8 A
T 0.8 A
F 1.0 A
T 1.0 A
F 1,25 A
T 1.25 A
F 1.6 A
F 2.0 A
M 2.0 A
T 2.0 A
F 2.5 A
F 3.15 A
T 3.15 A
F 4.0 A
M 4.0 A
F 6.0 A
F 6.3 A
T 6.3 A

F 8.0 A
T 10.0 A

125 V / 5 x 20 mm

3.0 A
5.0 A

250 V / 6.3 x 32 mm

1/8 A
T 1/4 A
1/2 A
3/4 A
1 A
1.5 A
2.0 A
2.5 A
3.0 A
3.15 A
3.75 A
4.0 A
5.0 A
6.0 A
6.25 A
7.0 A
8.0 A
F 10.0 A
T 10.0 A
10.0 A
12.0 A
15.0 A
20.0 A

125 V / 6.3 x 32 mm

2.5 A
10.0 A

32V / 6.3 x 32 mm

15.0 A