



K S L MICRODEVICES INC

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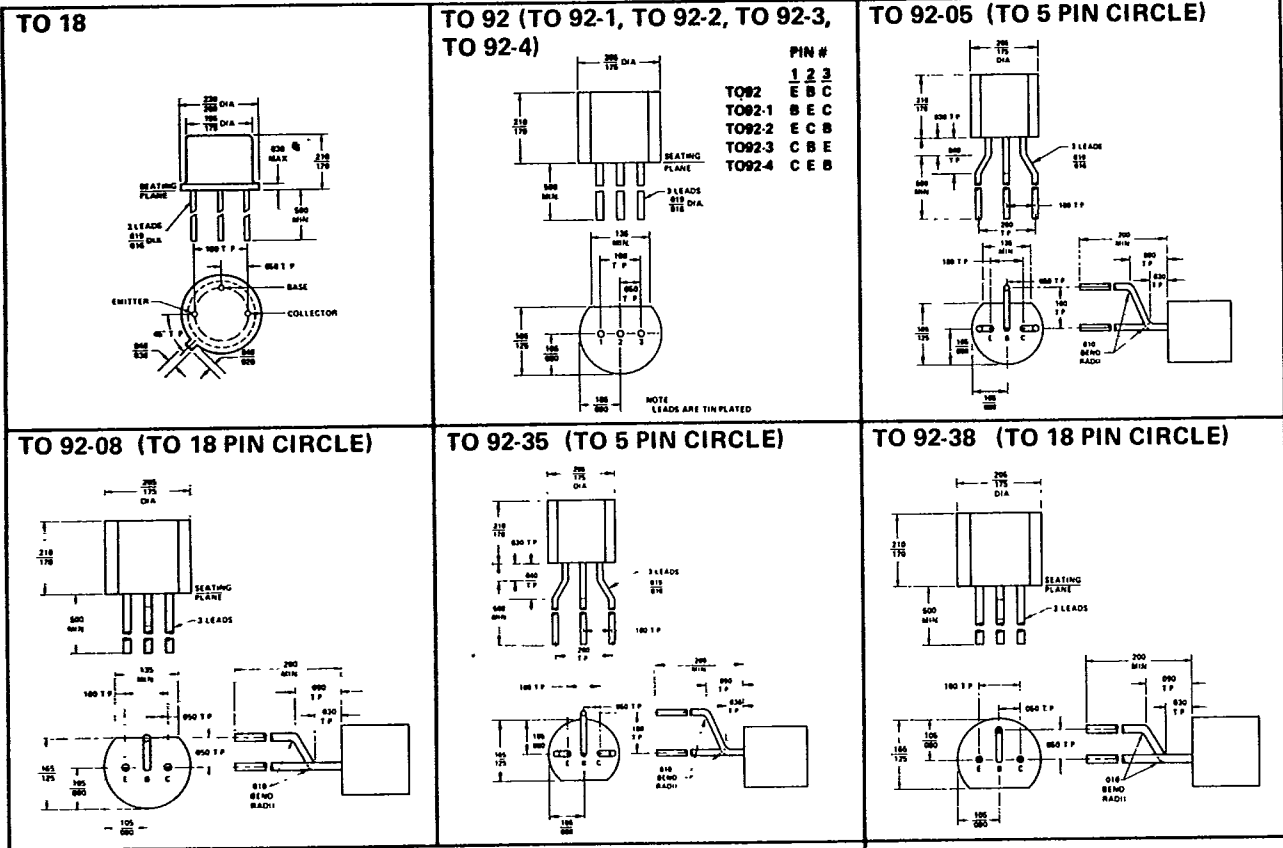
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KSL

DEVICE	TYPE	CASE STYLE	V _{CB0} Min	V _{CEO} Min	V _{EBO} Min	I _{CB0} Max	V _{CB}	h_{FE} Min-Max	I _C & V _{CE}	V _{CE(sat)} Max	V _{BE(sat)} Max	I _C	C _{ob} Max	f _T Min	I _C	t _{off} Max
MPS6520	NPN	TO92	40V	25V	4V	50nA	@ 30V	200-400	@ 2mA/10V	0.5V	@	50mA	3.5pF	480MHz		
MPS6521	NPN	TO92	40V	25V	4V	50nA	@ 30V	300-600	@ 2mA/10V	0.5V	@	50mA	3.5pF	480MHz		
MPS6522	PNP	TO92	25V	25V	4V	50nA	@ 20V	200-400	@ 2mA/10V	0.5V	@	50mA	3.5pF			
MPS6523	PNP	TO92	25V	25V	4V	100nA	@ 25V	250-500	@ 50mA/1V	0.5V	@	50mA	3.5pF			
MPS6531	NPN	TO92	60V	40V	5V	50nA	@ 40V	90-270	@ 100mA/1V	0.3V	1.0V	@ 100mA	5pF			
MPS6534	PNP	TO92	40V	40V	4V	50nA	@ 40V	90-270	@ 100mA/1V	0.3V	1.0V	@ 100mA	6pF			
MPS6539	NPN	TO92-1	20V	20V	3V	50nA	@ 15V	20 Min.	@ 4mA/10V	0.85V	@	4mA	0.7pF	500MHz @ 4mA		
MPS6560	NPN	TO92	25V	25V	5V	100nA	@ 20V	50-200	@ 500mA/1V	0.5V	1.2V	@ 600mA	30pF	60MHz @ 10mA		
MPS6561	NPN	TO92	25V	25V	5V	100nA	@ 20V	50-200	@ 350mA/1V	0.5V	1.2V	@ 350mA	30pF	60MHz @ 10mA		
MPS6562	PNP	TO92	25V	25V	5V	100nA	@ 20V	50-200	@ 500mA/1V	0.5V	1.2V	@ 500mA	30pF	60MHz @ 10mA		
MPS6563	PNP	TO92	20V	20V	5V	100nA	@ 20V	50-200	@ 500mA/1V	0.5V	1.2V	@ 350mA	30pF	60MHz @ 10mA		
MPS6564	NPN	TO92	80V	45V	5V	500nA	@ 40V	25 Min.	@ 10mA/5V	0.5V	@	10mA	4pF			
MPS6565	NPN	TO92	60V	45V	4V	100nA	@ 30V	40-160	@ 10mA/10V	0.4V	@	10mA	3.5pF	200MHz@10mA		
MPS6566	NPN	TO92	60V	45V	4V	100nA	@ 30V	100-400	@ 10mA/10V	0.4V	@	10mA	3.5pF	200MHz@10mA		
MPS8098	NPN	TO92	60V	60V	6V	100nA	@ 60V	100-300	@ 1mA/5V	0.3V	@	10mA	6pF	150MHz@10mA		
MPS8099	NPN	TO92	80V	80V	6V	100nA	@ 60V	100-300	@ 1mA/5V	0.3V	@	100mA	6pF	150MHz@10mA		
MPS8598	PNP	TO92	60V	60V	5V	100nA	@ 60V	100-300	@ 1mA/5V	0.3V	@	100mA	8pF	150MHz@10mA		
MPSA05	NPN	TO92	60V	60V	4V	100nA	@ 60V	50 Min.	@ 100mA/1V	0.25V	@	100mA		100MHz@100mA		
MPSA06	NPN	TO92	80V	80V	4V	100nA	@ 80V	50 Min.	@ 100mA/1V	0.25V	@	100mA		100MHz@100mA		
MPSA12	NPN	TO92	20V	20V	10V	100nA	@ 15V	20,000	@ 10mA/5V	1.0V	@	10mA				
MPSA13	NPN	TO92	30V	30V	10V	100nA	@ 30V	5,000	@ 10mA/5V	1.5V	@	100mA		125MHz@10mA		
MPSA14	NPN	TO92	30V	30V	10V	100nA	@ 30V	10,000	@ 10mA/5V	1.5V	@	100mA		125MHz@10mA		
MPSA20	NPN	TO92		40V	4V	100nA	@ 30V	40-400	@ 5mA/10V				4pF	125MHz @ 5mA		
MPSA93	PNP	TO92	200V	200V	5V	250nA	@ 160V	30-150	@ 30mA/10V	0.4V	0.9V	@ 20mA	8pF	50MHz @ 10mA		
MPSA43	NPN	TO92	200V	200V	6V	100nA	@ 160V	50-200	@ 30mA/10V	0.4V	0.9V	@ 20mA	4pF	50MHz @ 10mA		
MPSA55	PNP	TO92		60V	4V	100nA	@ 60V	50 Min.	@ 100mA/1V	0.25V	@	100mA		50MHz@100mA		
MPSA56	PNP	TO92		80V	4V	100nA	@ 80V	50 Min.	@ 100mA/1V	0.25V	@	100mA		50MHz@100mA		
MPSA62	PNP	TO92		20V		100nA	@ 15V	20,000	@ 10mA/5V	1.0V	@	10mA				
MPSA63	PNP	TO92		30V		100nA	@ 30V	5,000	@ 10mA/5V	1.5V	@	100mA				
MPSA64	PNP	TO92		30V		100nA	@ 30V	10,000	@ 10mA/5V	1.5V	@	100mA				
MPSA70	PNP	TO92		40V	4V	100nA	@ 30V	40-400	@ 5mA/10V	0.25V	@	10mA	4pF	125MHz @ 5mA		
MPSD05	NPN	TO92	25V	25V		1uA	@ 20V	80 Min.	@ 100mA/5V	0.5V	@	100mA		100MHz@50mA		
MPSD55	PNP	TO92	25V	25V		1uA	@ 20V	80 Min.	@ 100mA/5V	0.5V	@	100mA		100MHz@50mA		
MPSH05	NPN	TO92	80V	80V	4V	50nA	@ 60V	30-150	@ 1.5mA/10V	0.25V	@	10mA		80MHz @ 1.5mA		
MPSH10	NPN	TO92-1	30V	25V	3V	100nA	@ 25V	60 Min.	@ 4mA/10V	0.5V	@	4mA	0.65pF	650MHz @ 4mA		
MPSH19	NPN	TO92-1	30V	25V	3V	100nA	@ 15V	45 Min.	@ 4mA/10V		@	1A	0.65pF	300MHz @ 4mA		
PE8550	PNP	TO92	30V	25V	6V	100nA	@ 10V	65-200	@ 100mA/1V	0.5V	@	1A	45pF	100MHz@100mA		
PN2219A	NPN	TO92	75V	40V	6V	10nA	@ 60V	100-300	@ 150mA/10V	0.3V	1.2V	@ 150mA	8pF	300MHz @ 20mA		285ns
PN2222A	NPN	TO92	75V	40V	6V	10nA	@ 60V	100-300	@ 150mA/10V	0.3V	1.2V	@ 150mA	8pF	300MHz @ 20mA		285ns
PN2369A	NPN	TO92	40V	15V	4.5V	30nA	@ 20V	40-120	@ 10mA/1V	0.2V	0.85V	@ 10mA	4pF	500MHz @ 10mA		18ns
PN2484	NPN	TO92	60V	60V	6V	10nA	@ 45V	100-500	@ 0.01mA/5V	0.35V	@	10mA	6pF	60MHz @ 0.5mA		
PN2905A	PNP	TO92	60V	60V	5V	10nA	@ 50V	100-300	@ 150mA/10V	0.4V	1.3V	@ 150mA	8pF	200MHz @ 50mA		100ns
PN2907A	PNP	TO92	60V	60V	5V	10nA	@ 50V	100-300	@ 150mA/10V	0.4V	1.3V	@ 150mA	8pF	200MHz @ 50mA		100ns
PN2925	NPN	TO92	25V	25V	5V	500nA	@ 25V	235-470	@ 2mA/10V				10pF			
PN3251A	PNP	TO92	60V	60V	5V	20nA	@ 40V	100-300	@ 10mA/1V	0.25V	0.9V	@ 10mA	6pF	300MHz @ 10mA		250ns
PN3563	NPN	TO92	30V	15V	3V	50nA	@ 15V	20-200	@ 8mA/10V				1.7pF	450MHz @ 8mA		
PN3564	NPN	TO92	30V	15V	4V	50nA	@ 15V	20-500	@ 15mA/10V	0.3V	0.97V	@ 20mA	3.5pF	400MHz @ 15mA		
PN3565	NPN	TO92	30V	25V	6V	50nA	@ 25V	150-600	@ 1mA/10V	0.35V	@	1mA	4pF	40MHz @ 1mA		
PN3566	NPN	TO92	40V	30V	5V	50nA	@ 20V	150-600	@ 10mA/10V	1.0V	@	100mA	25pF	40MHz @ 30mA		
PN3567	NPN	TO92	80V	40V	5V	50nA	@ 40V	40-120	@ 30mA/1V	0.25V	@	150mA	20pF	60MHz @ 50mA		
PN3568	NPN	TO92	80V	60V	5V	50nA	@ 40V	40-120	@ 150mA/1V	0.25V	@	150mA	20pF	60MHz @ 50mA		
PN3569	NPN	TO92	80V	40V	5V	50nA	@ 40V	100-300	@ 150mA/1V	0.25V	@	150mA	20pF	60MHz @ 50mA		
PN3638A	PNP	TO92	25V	25V	4V	25nA	@ 15V	100 Min.	@ 50mA/1V	0.25V	1.1V	@ 50mA	10pF	150MHz@50mA		170ns
PN3640	PNP	TO92	12V	12V	4V	10nA	@ 6V	30-120	@ 10mA/0.3V	0.2V	1.0V	@ 10mA	3.5pF	300MHz@10mA		75ns
PN3643	NPN	TO92	60V	30V	5V	50nA	@ 50V	100-300	@ 150mA/10V	0.22V	@	150mA	8pF	250MHz@50mA		
PN3644	PNP	TO92	45V	45V	5V	35nA	@ 30V	80-240	@ 50mA/1V	0.25V	1.0V	@ 50mA	8pF	200MHz@20mA		100ns
PN3645	PNP	TO92	60V	60V	5V	35nA	@ 50V	80-240	@ 50mA/1V	0.25V	1.0V	@ 50mA	8pF	200MHz@20mA		100ns
PN3646	NPN	TO92	40V	15V	5V	500nA	@ 20V	30-120	@ 30mA/0.4V	0.2V	0.95V	@ 30mA	5pF	350MHz@30mA		28ns
PN3694	NPN	TO92	45V	45V	4V	50nA	@ 35V	100-400	@ 10mA/10V				3.5pF	200MHz@10mA		
PN4249	PNP	TO92	60V	60V	5V	10nA	@ 40V	100-300	@ 0.1mA/5V	0.25V	@	10mA	6pF			
PN4250	PNP	TO92	40V	40V	5V	10nA	@ 40V	250-700	@ 0.1mA/5V	0.25V	@	10mA	6pF			
PN4250A	PNP	TO92	60V	60V	5V	10nA	@ 50V	250-700	@ 0.1mA/5V	0.25V	@	10mA	6pF			
PN4355	PNP	TO92	60V	60V	5V	50nA	@ 50V	100-400	@ 10mA/10V	0.15V	0.9V	@ 150mA	30pF	100MHz@50mA		400ns
PN4356	PNP	TO92	80V	80V	5V	50nA	@ 50V	50-250	@ 10mA/10V	0.15V	0.9V	@ 150mA	30pF	100MHz@50mA		400ns
PN4916	PNP	TO92	30V	30V	5V	25nA	@ 15V	15-200	@ 50mA/1V	0.13V	0.75V	@ 1mA	4.5pF	400MHz@10mA		150ns
PN5134	NPN	TO92	20V	10V	3.5V	100nA	@ 15V	20-150	@ 10mA/1V	0.25V	0.9V	@ 10mA	4pF	250MHz@10mA		18ns
PN5138	PNP	TO92	30V	30V	5V	50nA	@ 20V	50-800	@ 0.1mA/10V	0.3V	1.0V	@ 10mA	7pF	30MHz @ 0.5mA		
PN5139	PNP	TO92	20V	20V	5V	50nA	@ 15V	40 Min.	@ 10mA/1V	0.2V	1.0V	@ 10mA	5pF	300MHz@10mA		200ns
PN5179	NPN	TO92-1	20V	15V	2.5V	2nA	@ 15V	25-250	@ 3mA/1V	0.4V	1.0V	@ 10mA	1pF	900MHz @ 5mA		
PN918	NPN	TO92	30V	15V	3V	10nA	@ 15V	20 Min.	@ 3mA/1V	0.4V	1.0V	@ 10mA	3pF	600MHz @ 4mA		

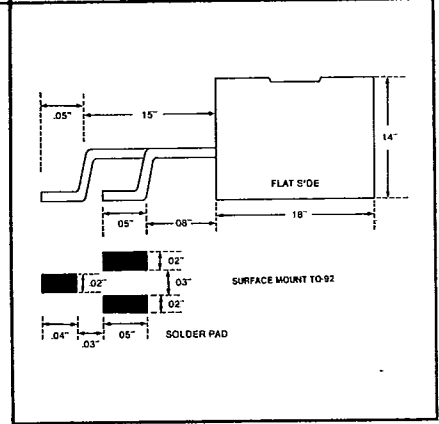
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PACKAGE OUTLINES



SPECIAL OPTIONS

- PIN CIRCLE LEAD FORMING AND LOCK-IN TYPES
- TO-92 SURFACE MOUNT PACKAGE (SM92)
- COMPONENT ON TAPE AND REEL
- CUSTOM ELECTRICAL TEST & CLASSIFICATION
- CUSTOM BRANDING WITH LOGO
- SPECIAL QUANTITY PACKING



OTHER PRODUCTS

- CUSTOM HYBRID CIRCUITS
- SEMICONDUCTOR PACKAGING
- CHIP-ON BOARD
- SPECIAL NETWORKS



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