

1-5-1. SOT-23 Type Transistors

Device and Polarity		V _{CEO} (V)	I _C (A)	Condition		h _{FE}		Condition		V _{CE(sat)} , V _{BE(sat)} (v)		Condition			f _T (MHz)	
NPN	PNP			V _{CE} (V)	I _C (A)	MIN	MAX	I _C (mA)	I _B (mA)	MAX	MAX	V _{CE} (V)	I _C (mA)	MIN	TYP	
KST12(M)	KST63(2U) KST64(2V)	30	0.3	5	100	10K		100	1.0		5	10	125			
KST14(1N)		30	0.3	5	100	10K		100	1.0		5	10	125			
		30	0.3	5	100	10K		100	1.0	5	10	125				
		30	0.3	5	100	10K		100	1.0	5	10	125				

1-5-2. TO-92 Type Transistors

Device and Polarity		V _{CEO} (V)	I _C (A)	Condition		h _{FE}		Condition		V _{CE(sat)} , V _{BE(sat)} (v)		Condition			f _T (MHz)	
NPN	PNP			V _{CE} (V)	I _C (A)	MIN	MAX	I _C (mA)	I _B (mA)	MAX	MAX	V _{CE} (V)	I _C (mA)	MIN	TYP	
KSP27	KSP77	60	0.5	5	100	10K		100	0.1	1.5						
KSP26		60	0.5	5	100	10K		100	0.1	1.5						
	KKSP76	50	0.5	5	100	10K		100	0.1	1.5						
		50	0.5	5	100	10K		100	0.1	1.5						
KSP25	KSP75	40	0.5	5	100	10K		100	0.1	1.5						
KSP14	KSP64	40	0.5	5	100	10K		100	0.1	1.5		5	10	125		
KSP13		KSP63	30	0.5	5	100	10K		100	0.1	1.5	5	10	125		
KSP12		KSP62	30	0.5	5	100	20K		100	0.1	1.5					
		20	0.5	5	10	20K		10	0.01	1						



1-6. Digital Transistors

1-6-1. SOT-23 Type Transistors

Device and Polarity		R1	R2	V _{CEO} (V)	I _C (mA)	Condition		h _{FE}		Condition		V _{CE(sat)} (v)		Condition			f _T (MHz)
NPN	PNP	kΩ	kΩ			V _{CE} (V)	I _C (mA)	MIN	MAX	I _C (mA)	I _B (mA)	TYP	MAX	V _{CE} (V)	I _C (mA)	TYP	
KSR1101	KSR2101	4.7	4.7	50	100	5	10	20		10	0.5	0.1	0.3	10	5	250/200	
KSR1102	KSR2102	10	10	50	100	5	4	30		10	0.5	0.1	0.3	10	5	250/200	
KSR1103	KSR2103	22	22	50	100	5	5	56		10	0.5	0.1	0.3	10	5	250/200	
KSR1104	KSR2104	47	47	50	100	5	5	68		10	0.5	0.1	0.3	10	5	250/200	
KSR1105	KSR2105	4.7	10	50	100	5	5	30		10	0.5	0.1	0.3	10	5	250/200	
KSR1106	KSR2106	10	47	50	100	5	5	68		10	0.5	0.1	0.3	10	5	250/200	
KSR1107	KSR2107	22	47	50	100	5	5	68		10	0.5	0.1	0.3	10	5	250/200	
KSR1108	KSR2108	47	22	50	100	5	5	56		10	0.5	0.1	0.3	10	5	250/200	
KSR1109	KSR2109	4.7		40	100	5	5	100	600	10	1	0.1	0.3	10	5	250/200	
KSR1110	KSR2110	10		40	100	5	1	100	600	10	1	0.1	0.3	10	5	250/200	
KSR1111	KSR2111	22		40	100	5	1	100	600	10	1	0.1	0.3	10	5	250/200	
KSR1112	KSR2112	47		40	100	5	1	100	600	10	1	0.1	0.3	10	5	250/200	
KSR1113	KSR2113	2.2	47	50	100	5	5	68		10	0.5	0.1	0.3	10	5	250/200	
KSR1114	KSR2114	4.7	47	50	100	5	5	68		10	0.5	0.1	0.3	10	5	250/200	