

1 SMALL SIGNAL TRANSISTOR

USE	TYPE	ELECTRICAL CHARACTERISTICS (T _a = 25°C)															PAK KAGI										
		MAXIMUM RATINGS					hFE					Cob. * Cce						NF					MAX (Typ)				
		V _{CEO} (V)	I _C (mA)	P _C (mW)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	I _B (mA)	f _T (MHz)	V _{CE} (V)	I _E (mA)	T _{YP} (MIN)	V _{CE} (V)		I _E (mA)	T _{YP} (MAX)	V _{CB} (V)	f (MHz)	(dB)	V _{CE} (V)	I _C (mA)	f (KHz)	R _g (KΩ)	
GENERAL PURPOSE	KTC 1815/KTN 5014	50	150	400	70~700	6	2	0.25	100	10	(80)	10	1	2	10	1	10	0.1	1	10	10	10	0.1	1	10	TO-92(C)	
	KTA 1015/KTP 5514	-50	-150	400	70~400	-6	-2	-0.3	-100	-10	(80)	-10	-1	4	-10	1	10	-0.1	1	10	10	-6	-0.1	1	10	TO-92(C)	
	KTC 2458	50	150	200	70~700	6	2	0.25	100	10	(80)	10	1	2	10	1	10	0.1	1	10	10	6	0.1	1	10	2-411A	
	KTA 1048	-50	-150	200	70~400	-6	-2	-0.3	-100	-10	(80)	-10	-1	4	-10	1	10	-0.1	1	10	10	-6	-0.1	1	10	2-411A	
FM-RF	KTC 1923/KTN 5016	30	20	100	40~200	6	1	-	-	-	550	6	1	0.7	6	1	4	-1	100MHz	4	6	6	-1	100MHz	TO 92(C)		
	KTC 2668	30	20	100	40~200	6	1	-	-	-	550	6	1	0.7	6	1	5	0	100MHz	5	V _{CC} 0	V _{CC} -1	100MHz	2-411A			
MIX OSC	KTC 3807M/KTN 5011	30	50	300	40~240	12	2	0.4	10	1	(100)	10	1	2	10	1	10	1	1	10	10	1	1	1	TO-92(C)		
	KTC 2669	30	50	200	40~240	12	2	0.4	10	1	(100)	10	1	2	10	1	10	1	1	10	10	1	1	1	2-411A		
AM-RF	KTC 9417M/KTN 5010	30	100	400	40~240	12	2	0.4	10	1	120	10	2	2.2	10	1	3.5	10	1	10	10	10	1	10	10-92(C)		
	KTC 2670	30	100	200	40~240	12	2	0.4	10	1	(80)	10	2	2.2	10	1	3.5	10	1	10	10	10	1	10	2-411A		
TV-PIF	KTC 382/KTN 5018	40	50	250	30 up	10	4	-	-	-	400	10	4	(1,2)	10	1	10	4	1	10	10	12V	I _C = 4mA	TO 92(C)			
	KTC 388A/KTN 5020	25	50	300	20~200	12.5	1.5	0.2	1.5	1.5	300	12.5	12.5	(2)	10	1	10	12.5	1	10	10	36dB	f = 45MHz	TO-92(C)			
AUDIO LOW NOISE	KTC 1321M/KTN 5015	50	150	400	200~700	6	2	0.3	10	1	150	6	1	2	10	1	3	6	0.1	1	10	6	0.1	1	10	TO-92(C)	
	KTC 2240/KTN 5017	120	100	300	200~700	6	2	0.3	10	1	100	6	1	3	10	1	2	6	0.1	1	10	6	0.1	1	10	TO-92(C)	
	KTC 2459	120	100	200	200~700	6	2	0.3	10	1	100	6	1	3	10	1	3	6	0.1	1	10	6	0.1	1	10	R-411A	
	KTA 970/KTP 5517	-120	-100	300	200~700	-6	-2	-0.3	-10	-1	100	-6	-1	4	-10	1	2	-6	-0.1	1	10	-6	-0.1	1	10	TO-92(C)	
	KTA 1049	-120	-100	200	200~700	-6	-2	-0.3	-10	-1	100	-6	-1	4	-10	1	10	-6	-0.1	1	10	-6	-0.1	1	10	2-411A	

* Standard hFE classification R 40~80 0 70~140 Y 120~240 GR . 200~400 BL . 350~700

MEMO