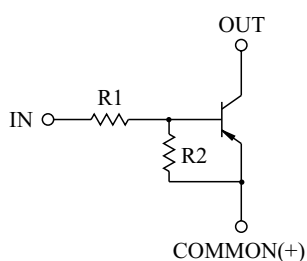


SWITCHING APPLICATION.
INTERFACE CIRCUIT AND DRIVER CIRCUIT APPLICATION.

FEATURES

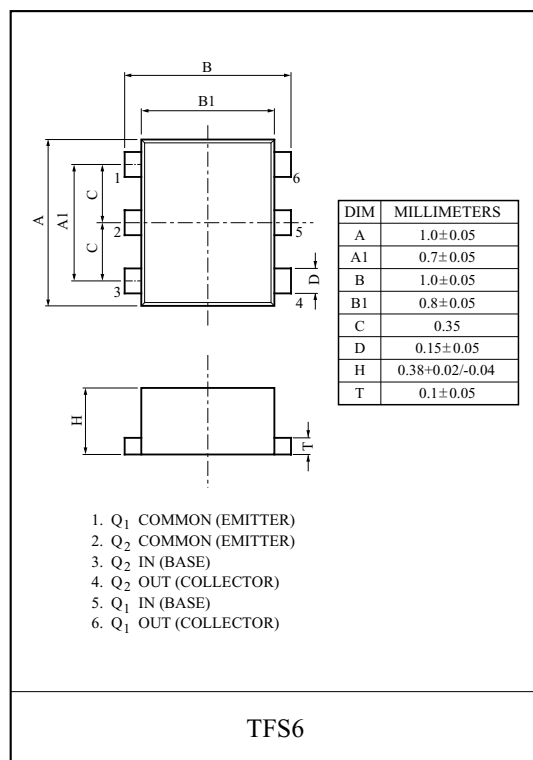
- With Built-in Bias Resistors.
- Simplify Circuit Design.
- Reduce a Quantity of Parts and Manufacturing Process.
- High Packing Density.
- Thin Fine Pitch Super mini 6 pin Package.

EQUIVALENT CIRCUIT

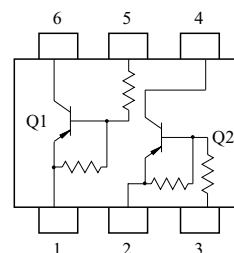


BIAS RESISTOR VALUES

TYPE NO.	R1(k Ω)	R2(k Ω)
KRA721F	4.7	4.7
KRA722F	10	10
KRA723F	22	22
KRA724F	47	47



EQUIVALENT CIRCUIT (TOP VIEW)



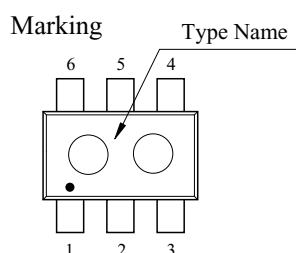
MAXIMUM RATING (Ta=25℃)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Output Voltage	V _O	-20	V
Input Voltage	V _I	-10/10	V
Output Current	I _O	-50	mA
Power Dissipation	P _D *	50	mW
Junction Temperature	T _j	150	℃
Storage Temperature Range	T _{stg}	55~150	℃

* Total Rating.

MARK SPEC

TYPE	KRA721F	KRA722F	KRA723F	KRA724F
MARK	MA	MB	MC	MD



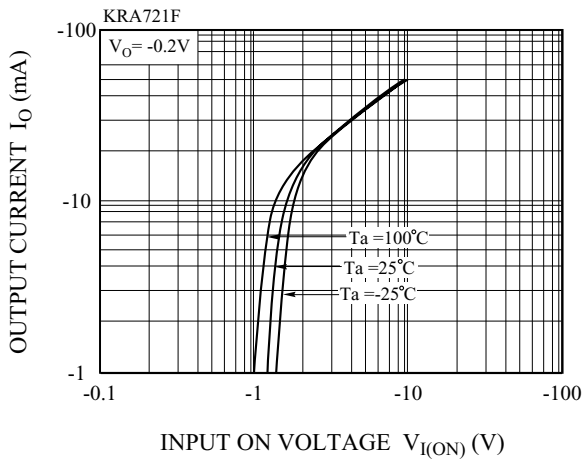
KRA721F~KRA724F

ELECTRICAL CHARACTERISTICS (Ta=25℃)

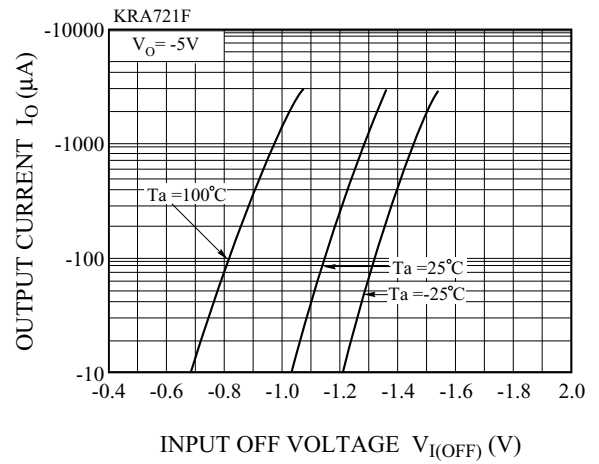
CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Output Cut-off Current	KRA721F~724F	$I_{O(OFF)}$	$V_O=-20V, V_I=0$	-	-	-500	nA
DC Current Gain	KRA721F	G_I	$V_O=-5V, I_O=-10mA$	30	-	-	
	KRA722F			60	-	-	
	KRA723F			100	-	-	
	KRA724F			120	-	-	
Output Voltage	KRA721F~724F	$V_{O(ON)}$	$I_O=-5mA, I_I=-0.25mA$	-	-	-0.15	V
Input Voltage (ON)	KRA721F	$V_{I(ON)}$	$V_O=-0.2V, I_O=-5mA$	-	-	-2.0	V
	KRA722F			-	-	-2.2	
	KRA723F			-	-	-2.7	
	KRA724F			-	-	-3.6	
Input Voltage (OFF)	KRA721F~724F	$V_{I(OFF)}$	$V_O=-5V, I_O=-0.1mA$	-0.8	-	-1.5	V
Input Current	KRA721F	I_I	$V_I=-5V$	-	-	-1.8	mA
	KRA722F			-	-	-0.88	
	KRA723F			-	-	-0.36	
	KRA724F			-	-	-0.18	

KRA721F~KRA724F

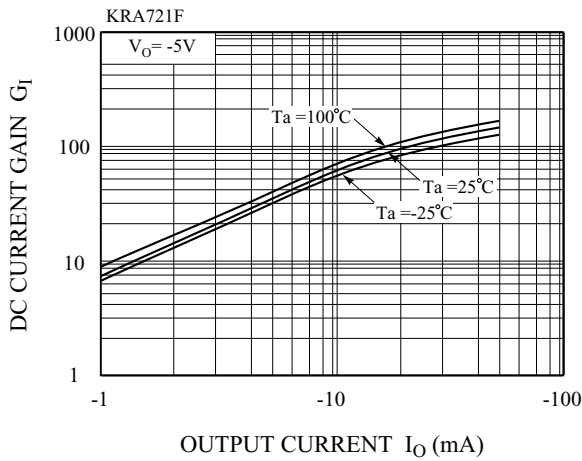
$I_O - V_{I(ON)}$



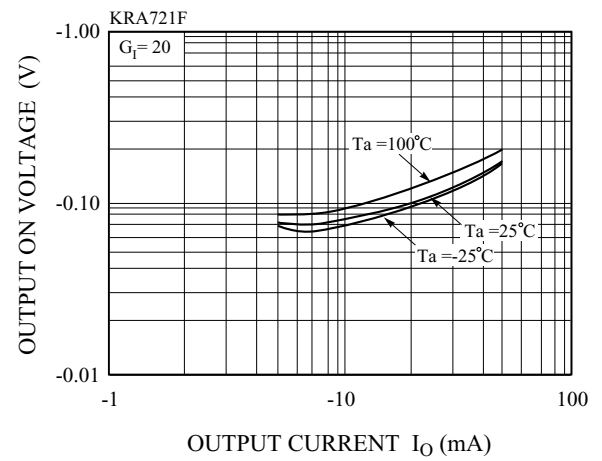
$I_O - V_{I(OFF)}$



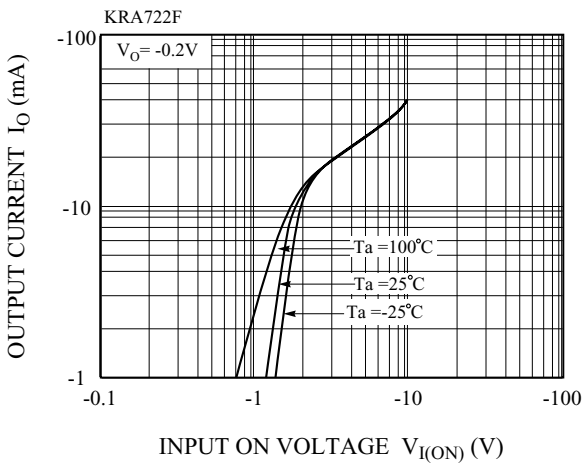
$G_I - I_O$



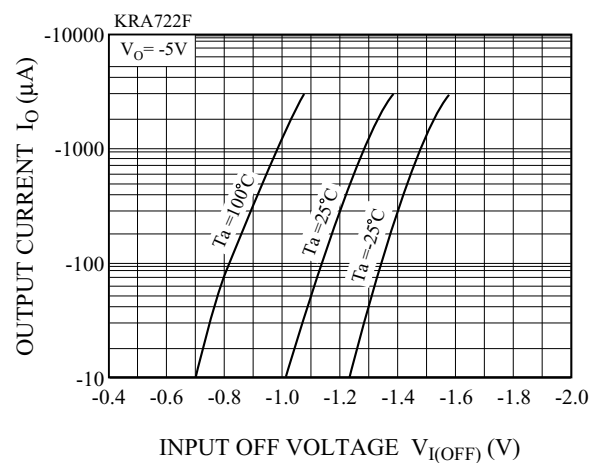
$V_{O(ON)} - I_O$



$I_O - V_{I(ON)}$

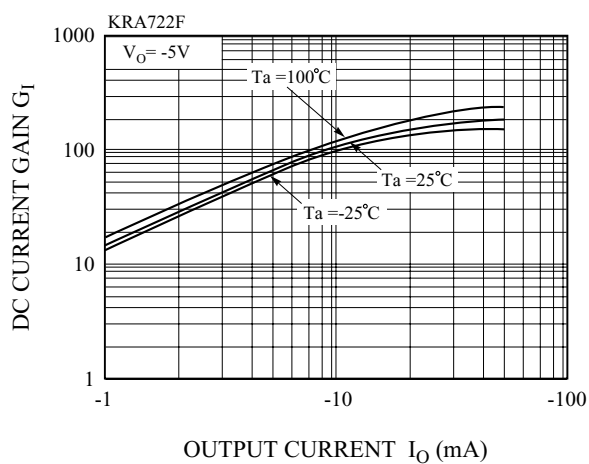


$I_O - V_{I(OFF)}$

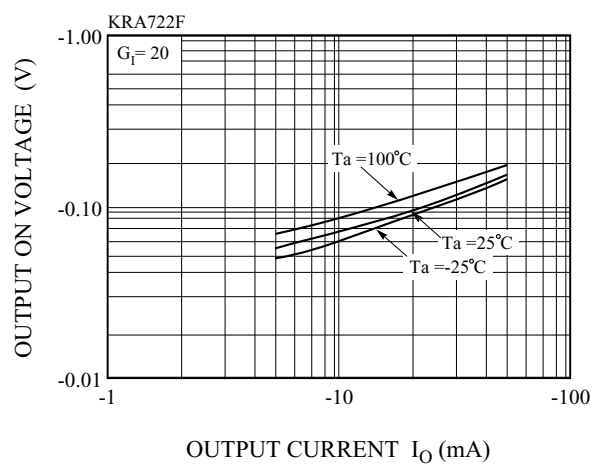


KRA721F~KRA724F

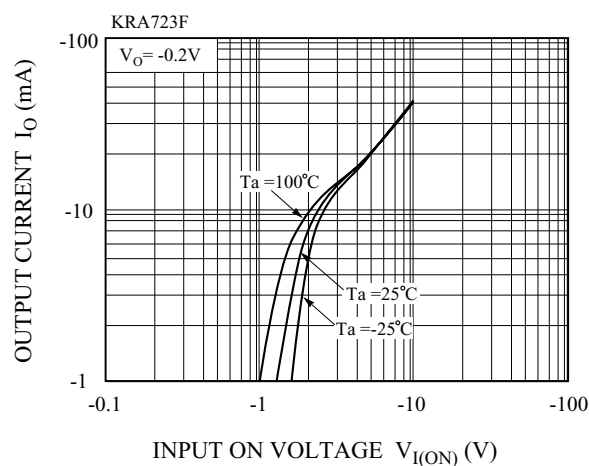
$G_I - I_O$



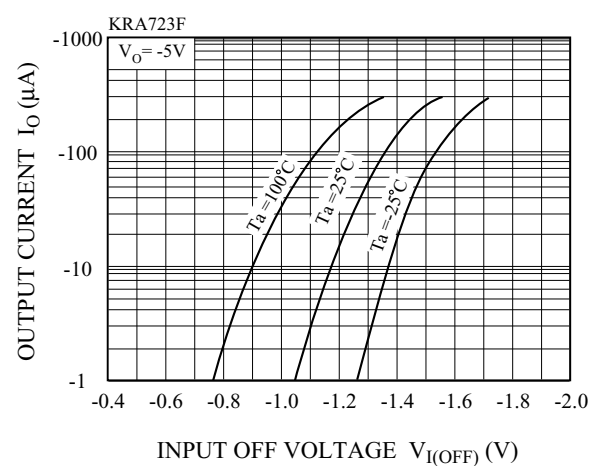
$V_{O(ON)} - I_O$



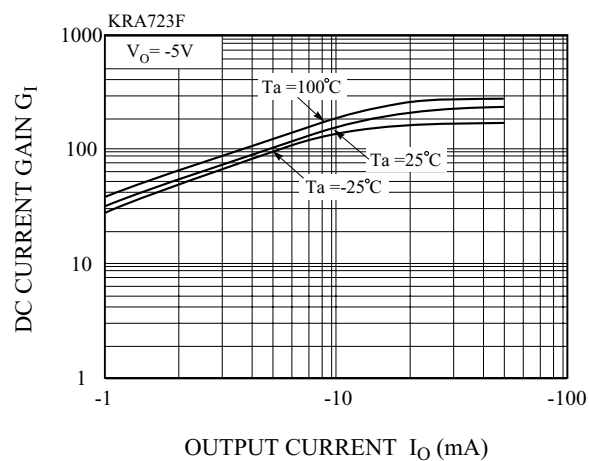
$I_O - V_{I(ON)}$



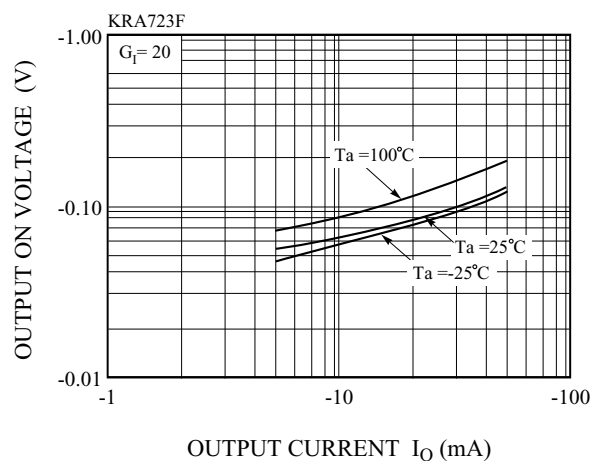
$I_O - V_{I(OFF)}$



$G_I - I_O$

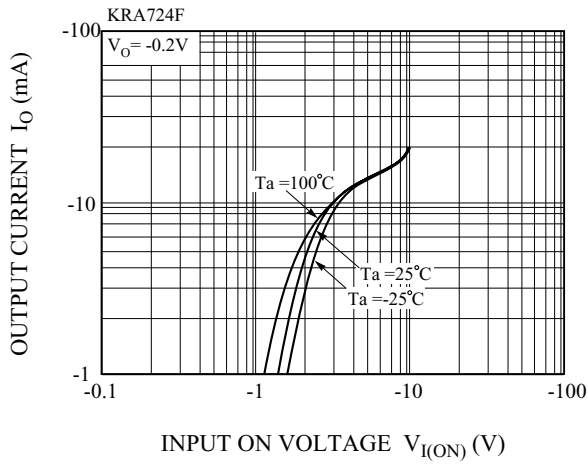


$V_{O(ON)} - I_O$

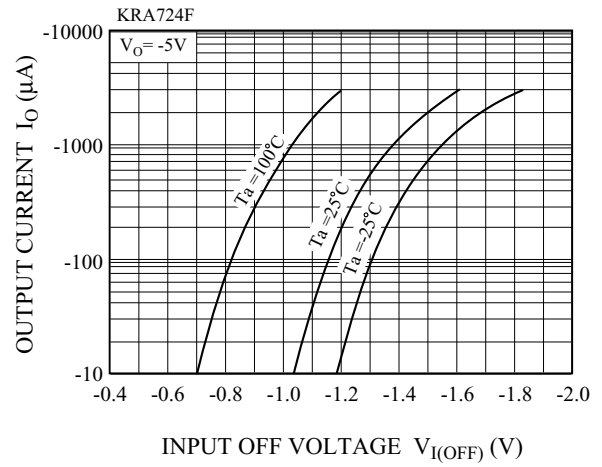


KRA721F~KRA724F

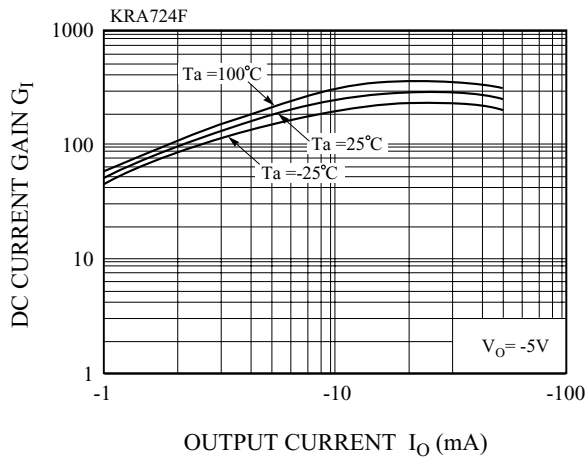
$I_O - V_{I(ON)}$



$I_O - V_{I(OFF)}$



$G_I - I_O$



$V_{O(ON)} - I_O$

