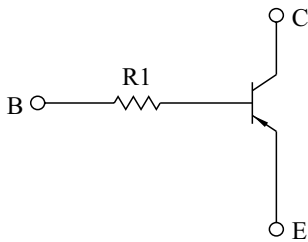


SWITCHING APPLICATION.
INTERFACE CIRCUIT AND DRIVER CIRCUIT APPLICATION.

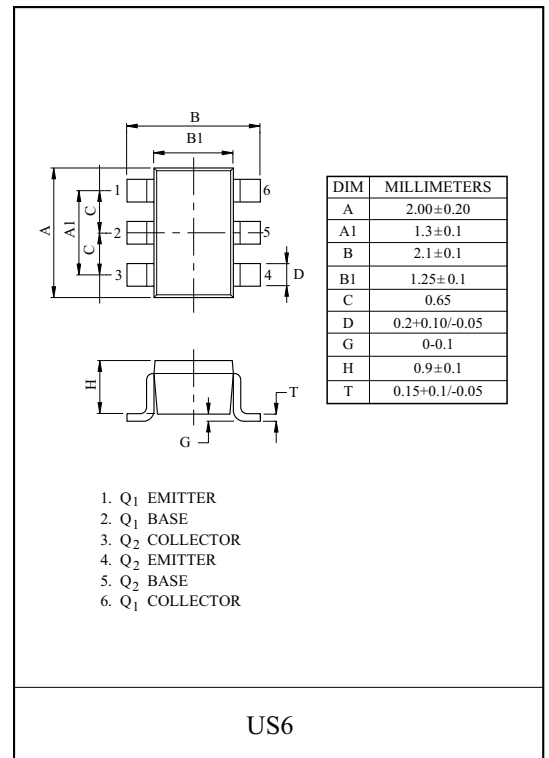
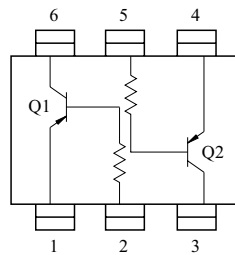
FEATURES

- With Built-in Bias Resistors.
- Simplify Circuit Design.
- Reduce a Quantity of Parts and Manufacturing Process.
- High Packing Density.

EQUIVALENT CIRCUIT



EQUIVALENT CIRCUIT (TOP VIEW)



MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	V _{CBO}	-50	V
Collector-Emitter Voltage	V _{CEO}	-50	V
Emitter-Base Voltage	V _{EBO}	-5	V
Collector Current	I _C	-100	mA

CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector Power Dissipation	P _C *	200	mW
Junction Temperature	T _j	150	°C
Storage Temperature Range	T _{stg}	-55 ~ 150	°C

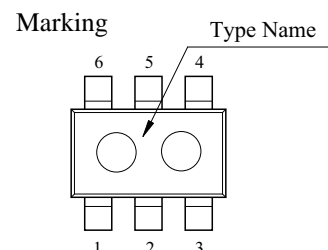
* Total Rating.

ELECTRICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT	
Collector Cut-off Current	I _{CBO}	V _{CB} =-50V, I _E =0	-	-	-100	nA	
Emitter Cut-off Current	I _{EBO}	V _{EB} =-5V, I _C =0	-	-	-100	nA	
DC Current Gain	h _{FE}	V _{CE} =-5V, I _C =-1mA	120	-	-		
Collector-Emitter Saturation Voltage	V _{CE(sat)}	I _C =-10mA, I _B =-0.5mA	-	-0.1	-0.3	V	
Transition Frequency	f _T *	V _{CE} =-10V, I _C =-5mA	-	250	-	MHz	
Input Resistor	KRA760U	R ₁		-	4.7	-	kΩ
	KRA761U			-	10	-	
	KRA762U			-	100	-	
	KRA763U			-	22	-	
	KRA764U			-	47	-	

MARK SPEC

TYPE	KRA760U	KRA761U	KRA762U	KRA763U	KRA764U
MARK	PK	PM	PN	PO	PP

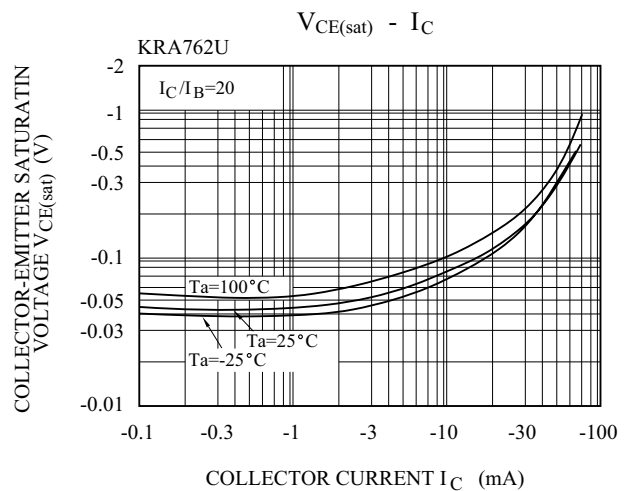
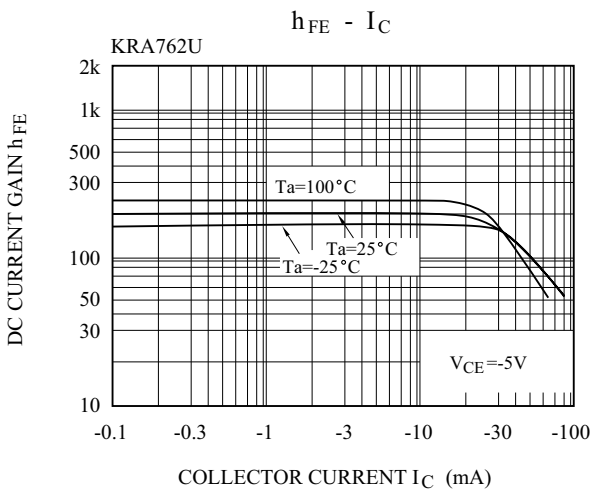
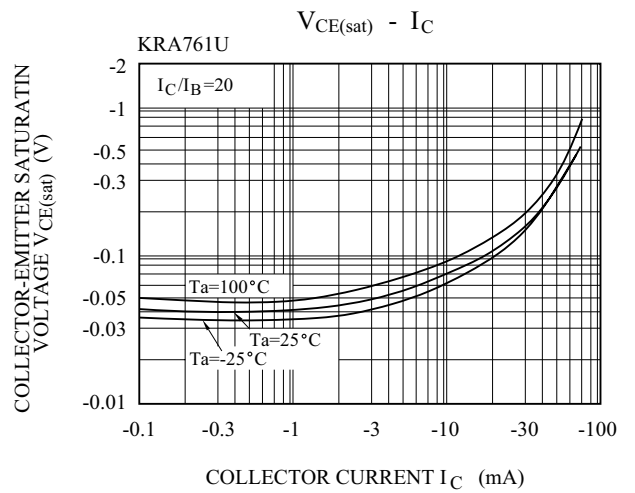
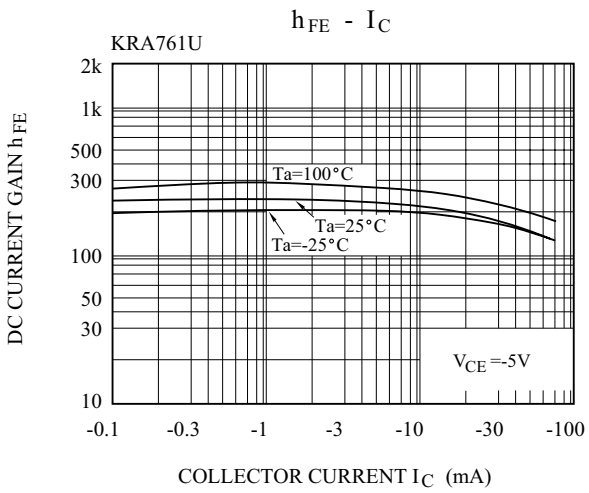
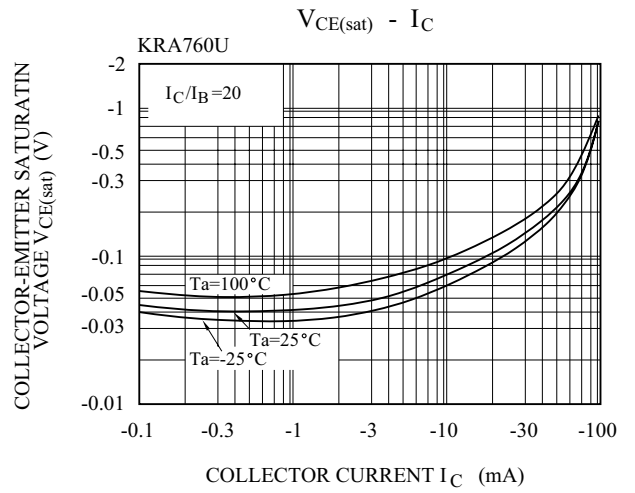
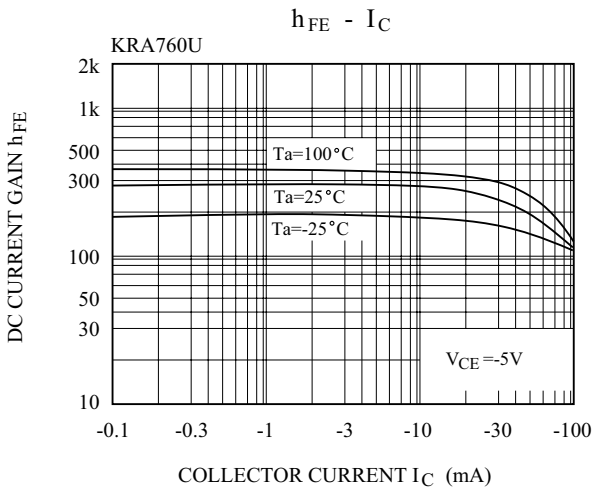


KRA760U~KRA764U

ELECTRICAL CHARACTERISTICS (Ta=25 °C)

CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Switching Time	Rise Time	KRA760U	V _O =-5V V _{IN} =-5V R _L =1k Ω	-	0.2	-	μS
		KRA761U		-	0.065	-	
		KRA762U		-	0.4	-	
		KRA763U		-	0.1	-	
		KRA764U		-	0.15	-	
	Storage Time	KRA760U		-	2.0	-	
		KRA761U		-	1.7	-	
		KRA762U		-	3.0	-	
		KRA763U		-	2.0	-	
		KRA764U		-	1.5	-	
	Fall Time	KRA760U		-	0.3	-	
		KRA761U		-	0.3	-	
		KRA762U		-	1.7	-	
		KRA763U		-	0.8	-	
		KRA764U		-	1.5	-	

KRA760U~KRA764U



KRA760U~KRA764U

