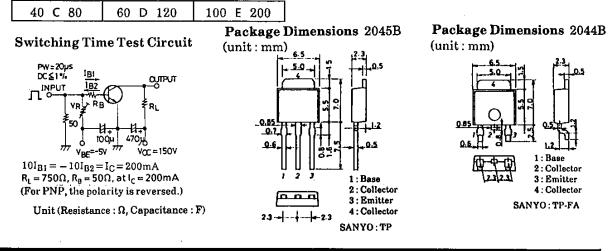
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	No.3398A	2SA	1772/2SC4615
SANYO		2SA1772:PNP Epitaxial Planar Silicon Transistor 2SC4615:NPN Triple Diffused Planar Silicon Transistor	
		High Voltage D	Driver Applications
	/		÷.*
Features			
• Large current ca	nacity (Ic = 1A)		
	voltage ($V_{CEO} \ge 400V$))	
():2SA1772			
	n Ratings at Ta = 25°C		unit
Collector to Base V			(–)400 V
Collector to Emitt			(-)400 V
Emitter to Base Vo			(-)5 V
Collector Current	I _C		(-)1 A
Collector Current			(-)2 A
Collector Dissipat	· · · · ·		1 W
servere sould		$Tc = 25^{\circ}C$	15 W
Junction Tempera	ture Tj		150 °C
Storage Temperat			-55 to $+150$ °C
Electrical Characte	eristics at Ta = 25°C		min typ max unit
Collector Cutoff C	urrent I _{CBO}	$V_{CB} = (-)300V_{IE} = 0$	$(-)1.0 \ \mu A$
Emitter Cutoff Cu		$V_{EB} = (-)4V_{IC} = 0$	$(-)1.0 \ \mu A$
DC Current Gain	h _{FE}	$V_{CE} = (-)10V_{IC} = (-)100mA$	
Gain-Bandwidth F		$V_{CE} = (-)10V_{IC} = (-)50mA$	(50)70 MHz
C-E Saturation Vo	ltage $\hat{V}_{CE(sat)}$		(–)1.0 V
B-E Saturation Vo	ltage $V_{BE(sat)}$		(-)1.0 V
C-B Breakdown V	oltage V _{(BR)CB}	$I_{\rm C} = (-)10 \mu A, I_{\rm E} = 0$	(-)400 V
C-E Breakdown V		$I_{\rm C} = (-)1 {\rm mA}, R_{\rm BE} = \infty$	(–)400 V
E-B Breakdown V		$I_{\rm E} = (-)10\mu A, I_{\rm C} = 0$	(–)5 V
Output Capacitan		$V_{CB} = (-)30V, f = 1MHz$	(12)8 pF
Turn-ON Time	ton	See specified Test Circuit.	(0.25)0.11 µs
Storage Time	t_{stg}	4	(3.0)4.0 µs
Fall Time	tr	4	(0.3)0.65 µs

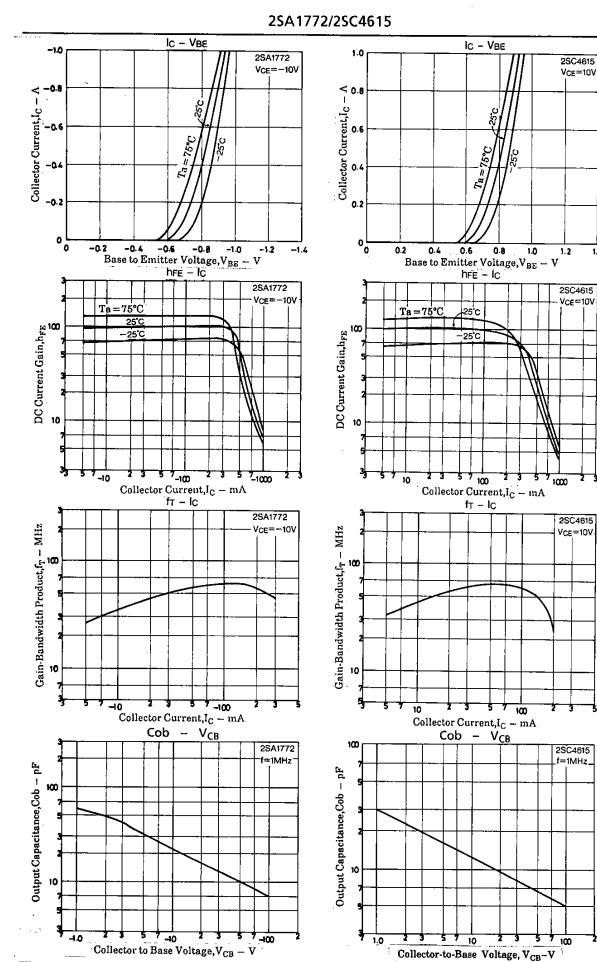
*: The 2SA1772/2SC4615 are classified by 100mA h_{FE} as follows:



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12894TH AX-8287/5300TA(KOTO) X-6468, 6469 No.3398-1/4

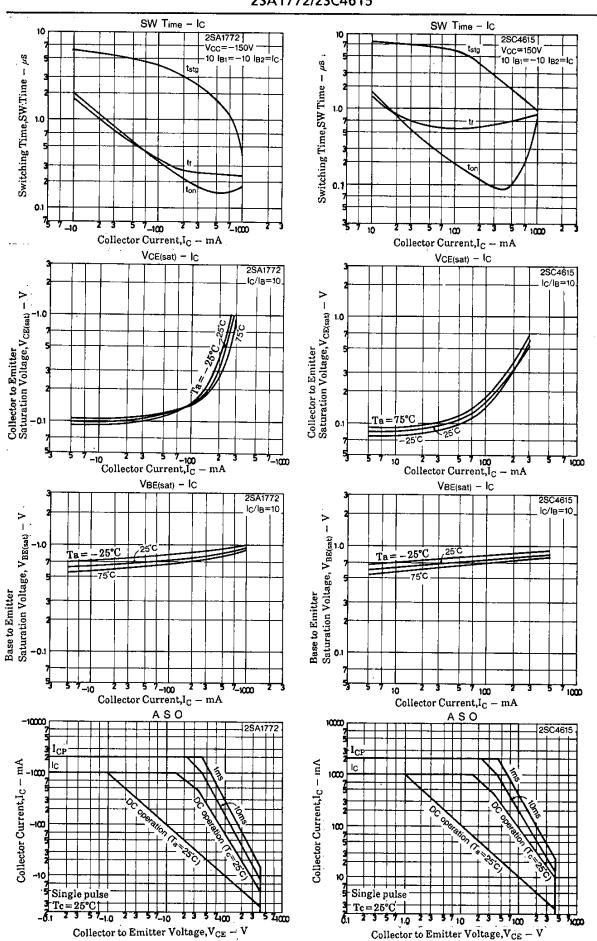
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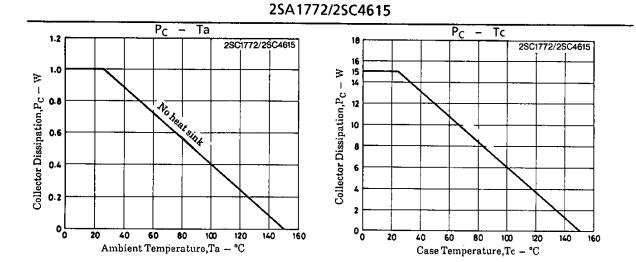
No.3398-2/4

1.4

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2SA1772/2SC4615



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