● IGBT- inverter

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				

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● Diode-inverter

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		

Characteristic Values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				

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IGBT-brake-chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		

℃ = ℃

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		℃				
		℃				

● Diode-brake-chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		

Characteristic Values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				

● Diode-rectifier

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		
		℃		
		℃		
		℃		
		℃		

Characteristic Values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				

● NTC-Thermistor

Characteristic Values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				

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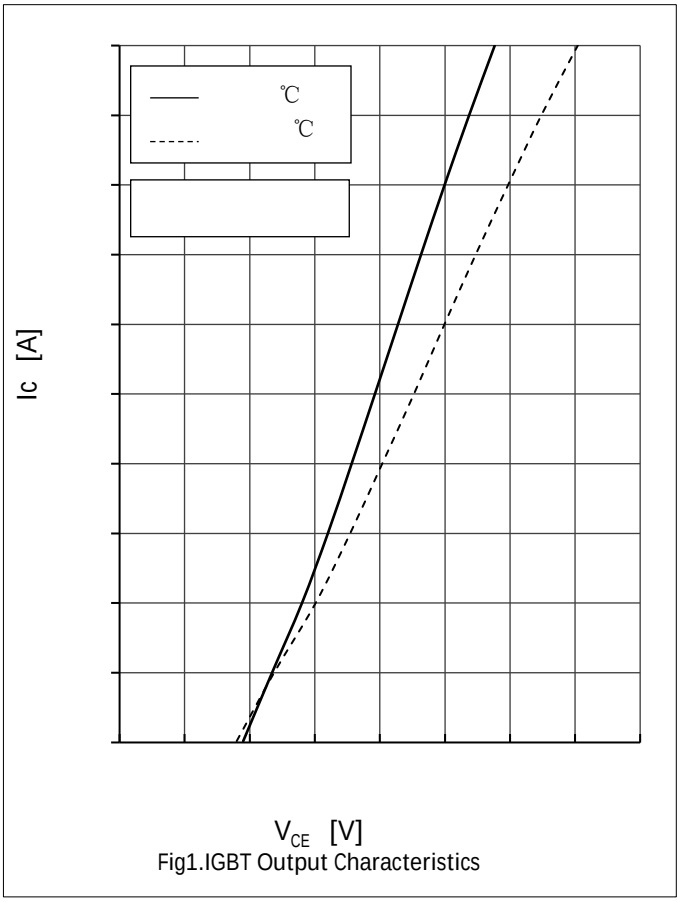


Fig1.IGBT Output Characteristics

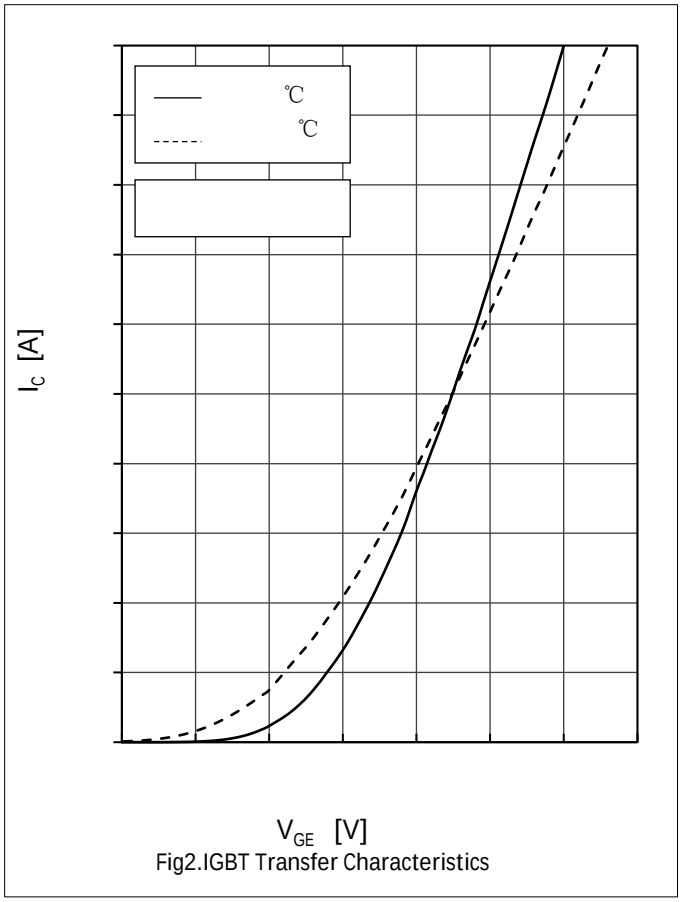


Fig2.IGBT Transfer Characteristics

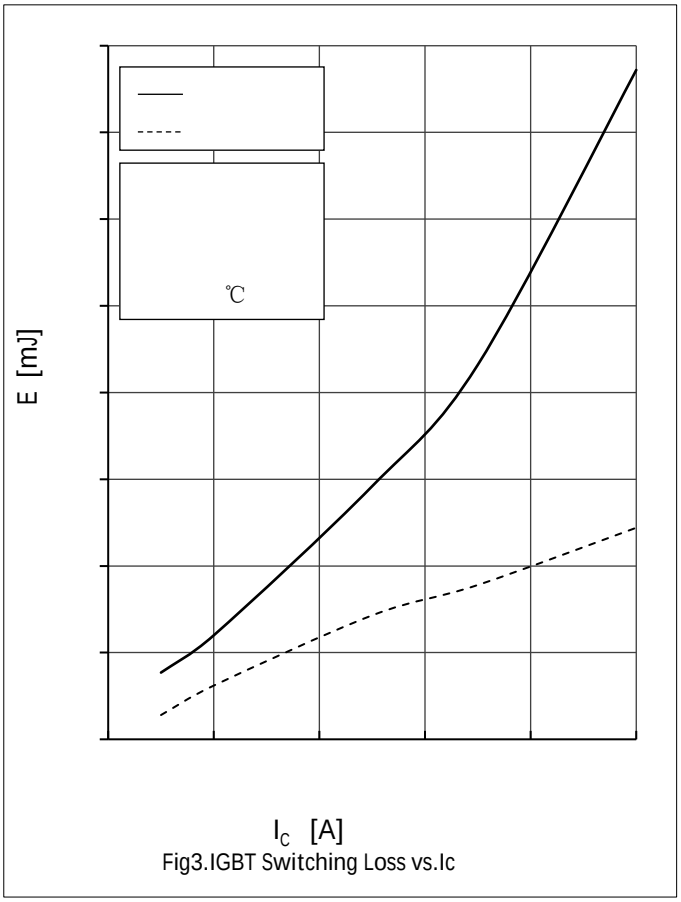


Fig3.IGBT Switching Loss vs.Ic

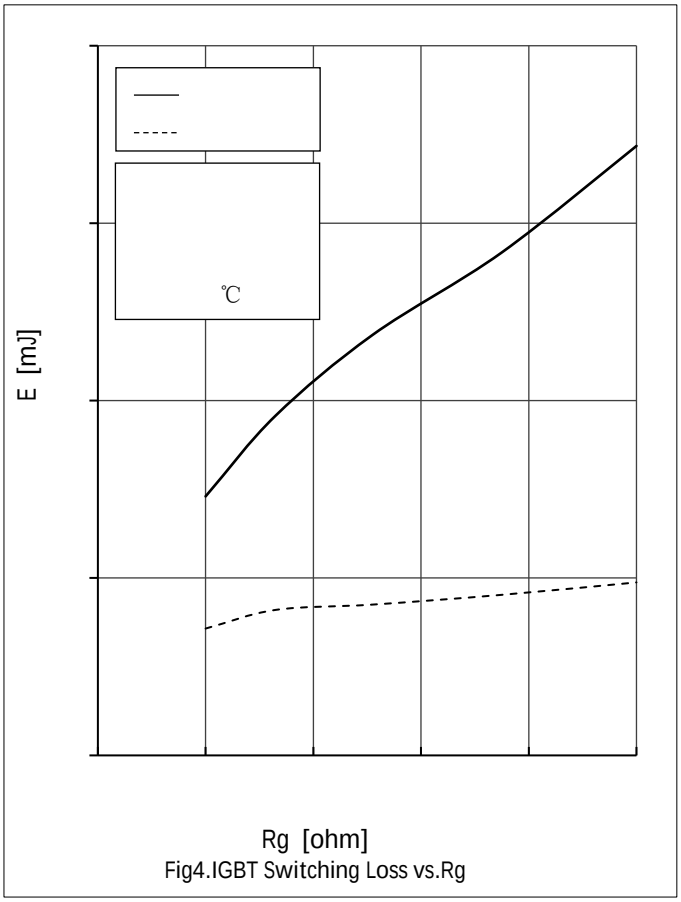


Fig4.IGBT Switching Loss vs.Rg

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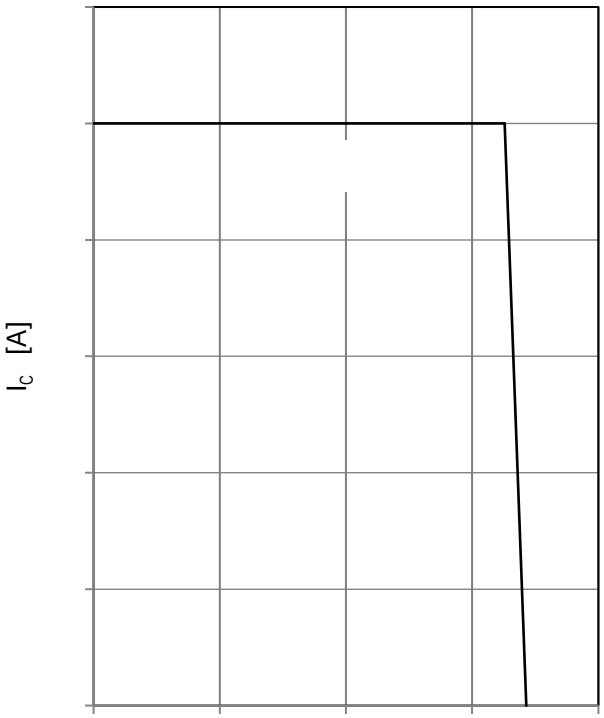


Fig5. RBSOA

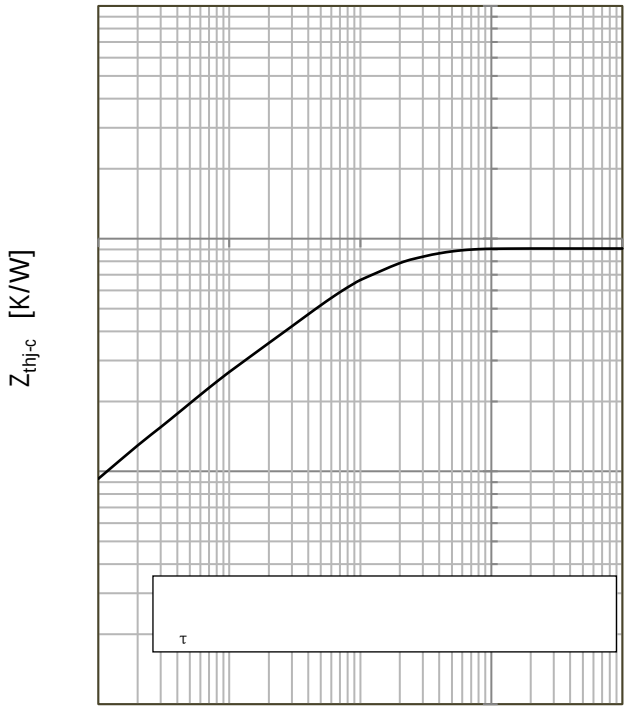


Fig 6. IGBT Transient Thermal Impedance

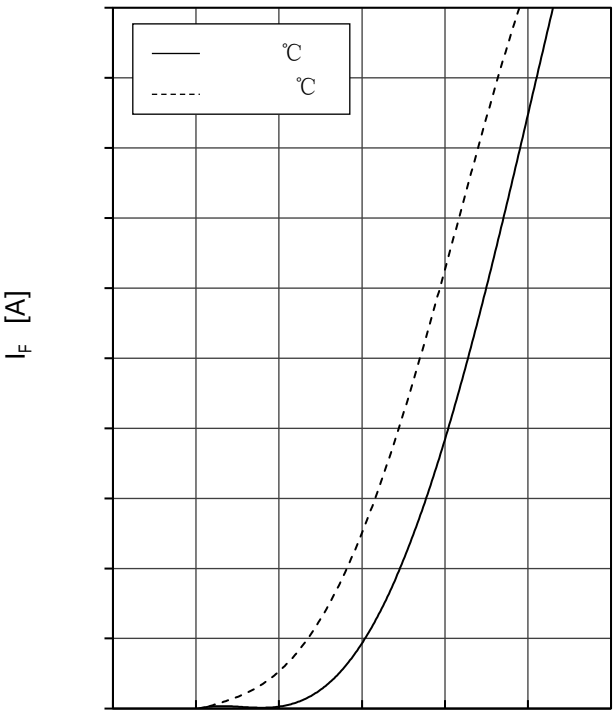


Fig7.Diode Foward Characteristics

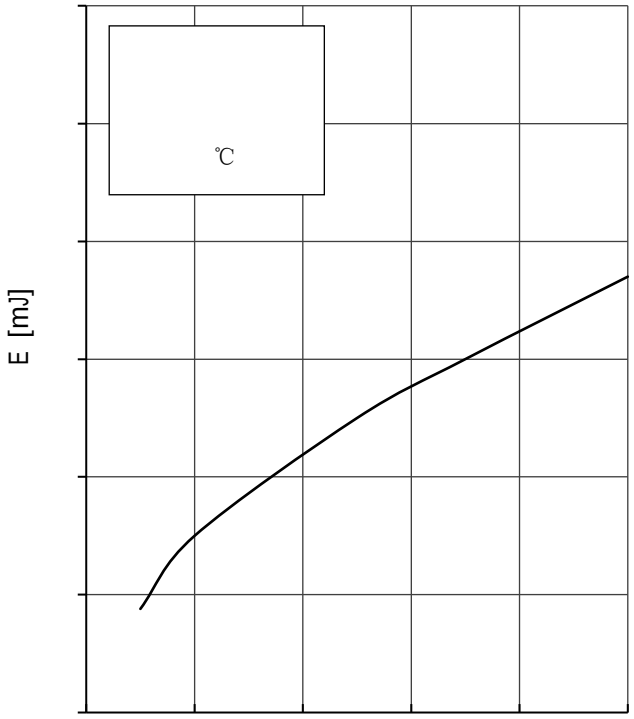


Fig8.Diode Switching Loss(Erec) vs.I_F

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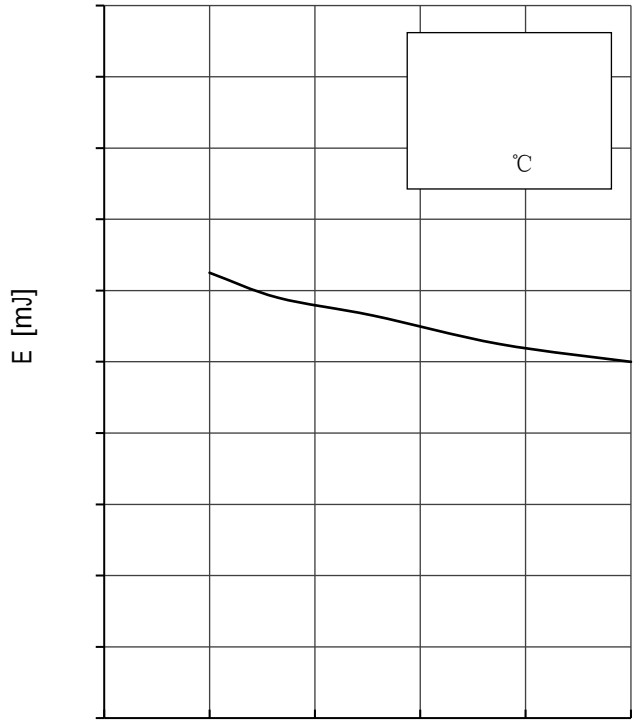


Fig9.Diode Switching Loss(Erec) vs.Rg

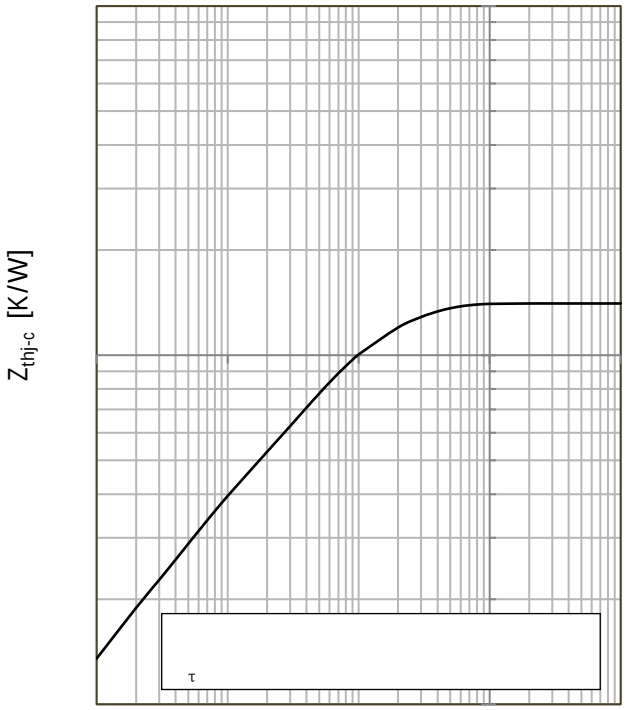


Fig10.Diode Transient Thermal Impedance

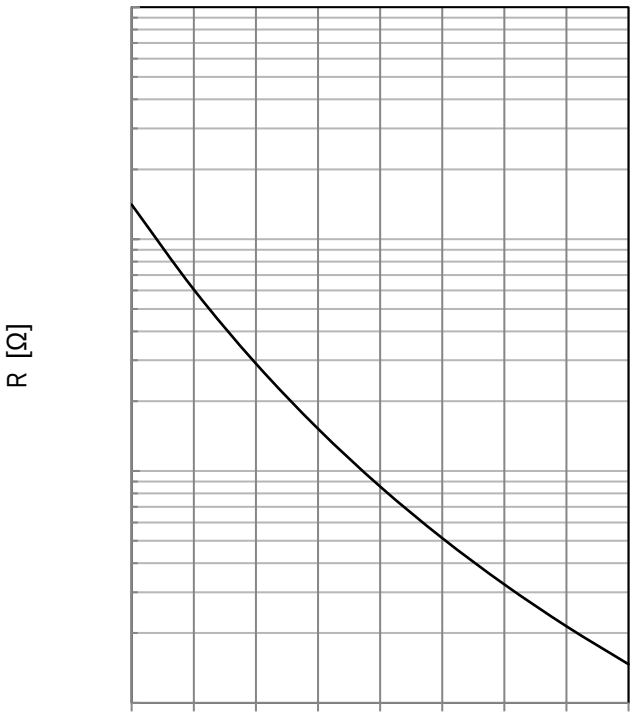


Fig 11. NTC Temperature Characteristic

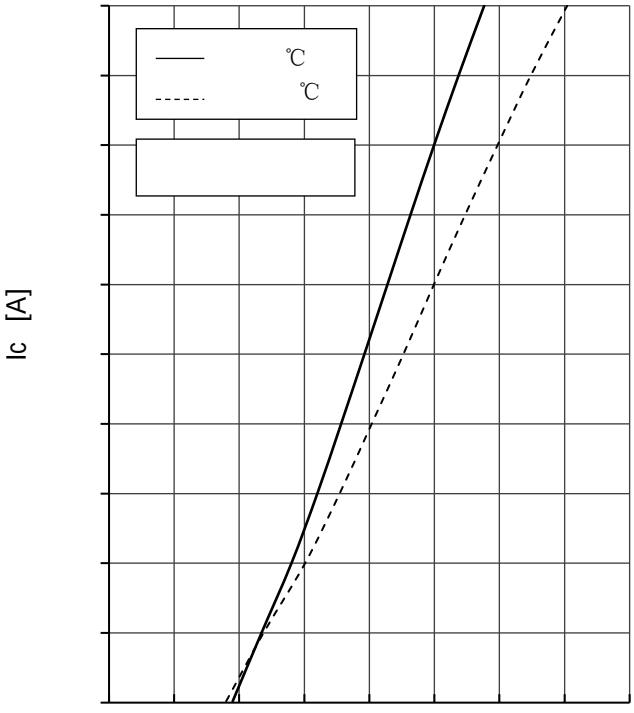


Fig12. IGBT-brake-Chopper output Characteristics

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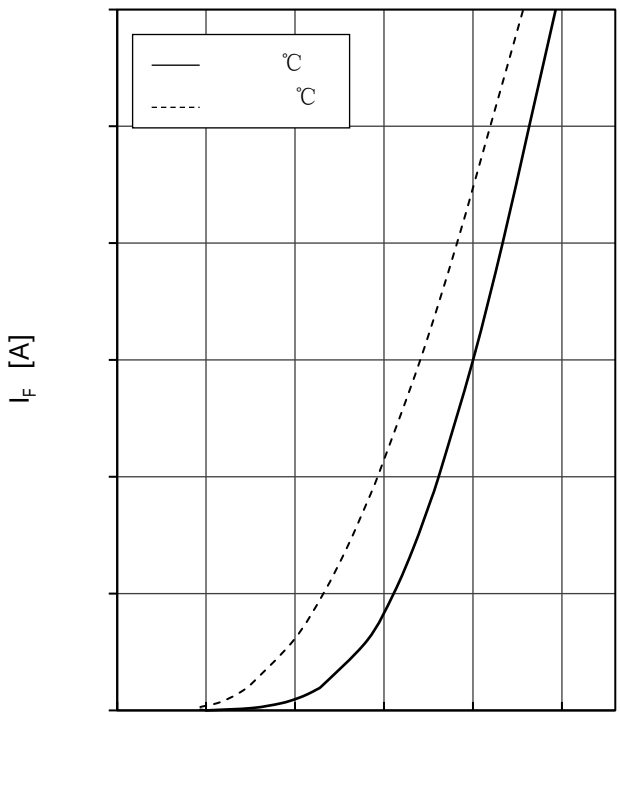


Fig13. Diode-brake-chopper Forward Characteristics

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Circuit Diagram



- **Package Dimensions**

Disclaimer

aYb T ba c a a b a Yb Y a ba ! L Ta b L Ta ba ab b b! !
b T Ta b ab Yb c Y T ba bY c b c T a b c b
T Y a ba b a b b !
c b a a b b aT ba c a b Ta ab a b
c a b bY T Ta T Y a ba bY b
a Ta Ta Y T T b cT T a a T T b ba b Y ba b Ta b TY
L Ta b Ta ba ba T Y T ab cba b T Yb Ta T T a Yb
c bc bY T !
c T ba c c T T aYb T ba c b cc ! b T baT aYb T ba c T
b c-"" ! Ta ! b b ba b a T L Ta T bYY Yb Y T Ta !