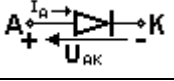
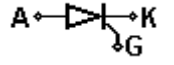
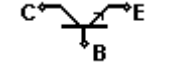
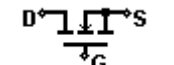
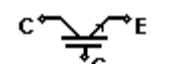
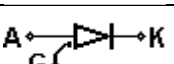
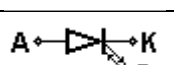
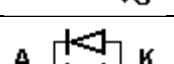
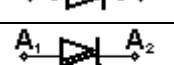



## YARI İLETKEN GÜÇ ELEMANLARININ GENEL ÖZELLİKLERİ

Yİ GÜÇ ELAMANLARI		Kontrol Edilme		Gerilim Dayanımı		Akım İletimi		Kontrol Özellikleri					Erişilebilen Nominal Değerler		Derlim Düşümleri		Anahtarlama Süreleri		
SEMBOL	İSİM	Norm al	Ters	Norm al	Ters	Norm al	Ters	Sinyal Süresi		Sinyal Şekli		Kontrol Şekli		Gerilim(V)	Akım(A)	Sınırlar(V)	Tipik(V)	Sınırlar (µs)	Tipik (µs)
								Kısa	Sürekli	Akım	Gerilim	İletim	Kesim						
	DIYOT	Normal	-	-	-	+	+	-						4000	4000	0.5-1.2	0.9	5-40	20
		Hızlı	-	-	-	+	+	-						3000	1000	0.75-1.50	1.1	0.5-0.5	3
		Schotky	-	-	-	+	+	-							100	300	0.2-0.5	0.3	0.1-0.5
	SCR	Normal	+	-	+	+	+	-	+	-	+	-	6000	3000	1.5-2.5	2.0	100-500	300	
		Hızlı	+	-	+	+	+	-	+	-	+	-	2500	1500	1.75-2.75	2.25	10-100	40	
	BJT	Tek	+	-	+	⊥	+	-	-	+	-	+	50-1500	300-10	0.5-1.0	0.75	05-5.0	3	
		Darlington	+	-	+	⊥	+	-	-	+	-	+	1500	750	1-2	1.5	5-15	10	
	MOSFET N kanal	+	-	+		+	⊥	-	+	-	+	+	50	100	3-5	4.0	0.1-1.5	0.3	
		+	-	+		+	⊥	-	+	-	+	+	1000	5					
	IGBT	+	-	+	⊥	+	⊥	-	+	-	+	+	2000	500	2-4	3.0	0.5-1.5	1	
	MCT	+	-	+	⊥	+	-	+	-	+	+	+	2000	600	1.5-2.5	2.0	2.5	3	
	GTO	+	-	+	⊥	+	-	+	-	+	+	+	4500	3000	2-4	3.0	5-25	15	
	INVSCR	RCT	+	-	+	-	+	⊥	+	-	+	-	2500	1000	1.75-2.75	2.25	10-50	30	
		ASCR	+	-	+	⊥	-	+	-	+	⊥	+	+	3000	2500	1.75-2.75	2.25	5-15	10
	TRİYAK	+	+	+	+	+	+	+	-	+	-	+	1200	300	1.25-1.75	1.5	300-500	400	
	LASCR	+	-	+	+	+	-	→	-	→	-	+	4000	1500	1.5-2.5	2.0	200-400	300	

A: Anot; B: Baz; C: Kollektör; D: Kanal; E: Emite; G: Kanal, Kapı; K: Katot; S: Kaynak

+:Evet; -:Hayır; →:Işık Etkili; ⊥:Normalin Altında