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SWITCHING APPLICATIONS

(Classified by VCE0 and arranged in order of package. Minus sign for PNP is omitted due to space limitations.)

Type Number	Case	Applications	Absolute Maximum Ratings/Ta=25°C						Electrical Characteristics/Ta=25°C						
			VCE0	VCE0	VEBO	IC	PC *TC=25°C	Tj	VCE	IC	hFE	VCE	IC	fT	tf (max) [μs]
			[V]	[V]	[V]	[A]	[W]	[°C]				[V]	[A]	[MHz]	
2 SC 3 1 5 2	T03PB	Switching Regulator	900	800	7	3.0	80*	150	5	0.2	>10	10	0.2	15	0.7
2 SC 3 4 5 8	T03PB	Switching Regulator (High-Speed)	1100	800	7	3.0	80*	150	5	0.2	>10	10	0.2	15	0.3
2 SC 3 4 5 9	T03PB	Switching Regulator (High-Speed)	1100	800	7	4.5	90*	150	5	0.3	>10	10	0.3	15	0.3
2 SC 3 1 5 3	T03PB	Switching Regulator	900	800	7	6.0	100*	150	5	0.4	>10	10	0.4	15	0.7
2 SC 3 4 6 0	T03PB	Switching Regulator (High-Speed)	1100	800	7	6.0	100*	150	5	0.4	>8	10	0.4	15	0.3
2 SC 3 4 6 1	T03PB	Switching Regulator (High-Speed)	1100	800	7	8.0	120*	150	5	0.8	>10	10	0.8	15	0.3
2 SC 3 5 5 2	T03PB	Switching Regulator	1100	800	7	12	150*	150	5	0.8	>10	10	0.8	15	0.3
2 SC 3 4 6 5	T03	Switching Regulator	1100	800	7	12	160	150	5	4.0	>8	10	0.8	15	0.3

TV/CRT DISPLAY APPLICATIONS(I)

(Classified by package and arranged in order of increasing PC. Minus sign for PNP is omitted due to space limitation.)

Type Number	Case	Applications	Absolute Maximum Ratings/Ta=25°C						Electrical Characteristics/Ta=25°C							
			V _{CE0} [V]	V _{CE0} [V]	V _{EB0} [V]	I _C [A]	P _C *T _C =25°C [W]	T _j [°C]	V _{CB} [V]	I _{CB0} (max) [A]	V _{CE} [V]	I _C [A]	hFE	f _T		
														V _{CE} [V]	I _C [A]	[MHz]
2 S C 2 8 5 7	NP	Color TV Ver., Sound Driver	180	180	5	50m	500m	150	180	1.0 μ	10	10m	40~320	30	10m	>50
2 S C 3 5 0 4	MP	High-Definition CRT Display, Video Output	70	60	4	50m	900m	150	40	0.1 μ	10	10m	60~320	10	10m	500
2 S C 2 2 2 8 Y	MP	TV Video Output	160	160	5	50m	900m	150	160	1.0 μ	10	10m	40~320	30	10m	>50
2 S C 2 2 2 8 A	MP	TV Video Output	200	200	5	50m	900m	150	200	1.0 μ	10	10m	40~320	30	10m	>50
2 S C 2 2 7 1	MP	Chroma Output, HoriDef. Driver	300	300	6	100m	900m	150	200	1.0 μ	10	10m	40~200	30	10m	>50
2 S A 1 3 7 0	MP	High-Definition CRT Display, Video Output	200	200	5	100m	1	150	150	0.1 μ	10	10m	40~320	30	10m	150
2 S C 3 4 6 7	MP	High-Definition CRT Display, Video Output	200	200	5	100m	1	150	150	0.1 μ	10	10m	40~320	30	10m	150
2 S A 1 3 7 1	MP	High-Definition CRT Display, Video Output	300	300	5	100m	1	150	200	0.1 μ	10	10m	40~320	30	10m	150
2 S C 3 4 6 8	MP	High-Definition CRT Display, Video Output	300	300	5	100m	1	150	200	0.1 μ	10	10m	40~320	30	10m	150
2 S A 1 3 5 2	T0126	High-Definition CRT Display, Video Output	200	200	5	100m	5*	150	150	0.1 μ	10	10m	40~320	30	10m	70
2 S C 3 4 1 6	T0126	High-Definition CRT Display, Video Output	200	200	5	100m	5*	150	150	0.1 μ	10	10m	40~320	30	10m	70
2 S A 1 3 8 0	T0126	High-Definition CRT Display, Video Output	200	200	5	100m	5*	150	150	0.1 μ	10	10m	40~320	30	10m	150
2 S C 3 5 0 2	T0126	High-Definition CRT Display, Video Output	200	200	5	100m	5*	150	150	0.1 μ	10	10m	40~320	30	10m	150
2 S A 1 3 8 1	T0126	High-Definition CRT Display, Video Output	300	300	5	100m	7*	150	200	0.1 μ	10	10m	40~320	30	10m	150
2 S C 3 5 0 3	T0126	High-Definition CRT Display, Video Output	300	300	5	100m	7*	150	200	0.1 μ	10	10m	40~320	30	10m	150
2 S A 1 3 5 3	T0126	High-Definition CRT Display, Video Output	300	300	5	100m	10*	150	200	0.1 μ	10	10m	40~320	30	10m	70
2 S C 3 4 1 7	T0126	High-Definition CRT Display, Video Output	300	300	5	100m	10*	150	200	0.1 μ	10	10m	40~320	30	10m	70
2 S C 2 6 2 1	T0126	High-Definition CRT Display, Video Output	300	300	6.5	200m	10*	150	200	1.0 μ	10	10m	40~200	30	10m	>50