

TV/VCR Supply Thick-Film ICs

● Supplies

Photocoupler-controlled Switching Regulators

Type No.	Maximum ratings					Operating characteristics		
	V _{DSS} (V)	T _{stg} (°C)	T _C max (°C)	T _J max (°C)	I _D (A)	AC input range (V)	W _O max (W)	R _{ON} typ (Ω)
STK73902	500	−30 to +115	+115	+150	6.0	85 to 132	110	1.4
STK73903					10.0		180	0.6
STK73904					12.0		210	0.55
STK73905					15.0		280	0.3
STK73906	900				170 to 264	3.0	110	5.0
STK73907						5.0	180	3.0
STK73908						6.0	210	2.0
STK73909						8.0	280	1.2

Semi-Regulated Switching Regulators

Type No.	Maximum ratings					Operating characteristics					
	V _{DSS} (V)	T _{stg} (°C)	T _C max (°C)	T _J max (°C)	I _D (A)	AC input range (V)	W _O max (W)	R _{ON} typ (Ω)			
STK730-010	500	−30 to +115	+115	+150	6.0	85 to 132	110	1.4			
STK730-020					8.0		145	0.8			
STK730-030					10.0		180	0.7			
STK730-040					12.0		210	0.55			
STK730-050					15.0		280	0.3			
STK730-060	900				−30 to +115	+115	+150	3.0	170 to 264	110	5.0
STK730-070								5.0		180	3.0
STK730-080								6.0		210	2.0
STK730-090								8.0		280	1.2