

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				-30 to +115	+115	+150	3.0	170 to 264	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