



Fig. 3: Circuit diagram of the Scart interface system.

constant control line, usually found on the channel selector or the remote control receiver/decoder.

Installation

The first step in carrying out the installation is to fit the isolation transformer (where required). Space can be found in most sets. Keep it as far as possible from the c.r.t. Some experimentation to find the best compromise

position will usually be necessary, and a bracket may have to be made to fix it in place. In most sets it can be wired up immediately after the mains on/off switch, but in chassis with a remote control system that uses a relay to switch the set on and off the transformer should be wired after the relay contacts. The TX9 is an example of the former arrangement, the CVC800 an example of the latter. Ensure that the position chosen doesn't cause any magnetic interference to the c.r.t.

Components list

Resistors:		R18	100Ω
R1	82Ω	R19	68Ω
R2	82Ω	R20	220Ω
R3	82Ω	R21	18k
R4	100Ω	R22	4.7k
R5	680Ω	R23	100k
R6	12k	R24	100k
R7	12k	R25	100k
R8	75Ω	R26	100k
R9	10k	R27	100k
R10	15k	R28	4.7k
R11	47k	R29	100k
R12	8.2k	R30	100k
R13	2.7k	R31	47k
R14	5.6k	R32	1M
R15	1.5k	R33	1M
R16	1k	R34	1M
R17	100Ω		All 0-25W

Capacitors:	
C1	100n
C2	100n
C3	100n
C4	47μF 16V
C5	220μF 16V
C6	22μF 16V
C7	220n
C8	220n
C9	22μF 16V
C10	47μF 16V
C11	220n
C12	220n
C13	470n
C14	470n

Semiconductor devices:	
D1-9	All 1N4148
IC1	4053
IC2	TL084
Tr1	BC548
Tr2	BC558
Tr3	BC548
Tr4	BC558

Remote control interface:	
R35	100
R36	10k
R37	10k
D10-12	1N4148
IC3	4028
Tr6	BC548
Resistors 0-25W	

Miscellaneous:
Scart connector, i.c. socket, Veroboard. Toroidal isolating transformer.