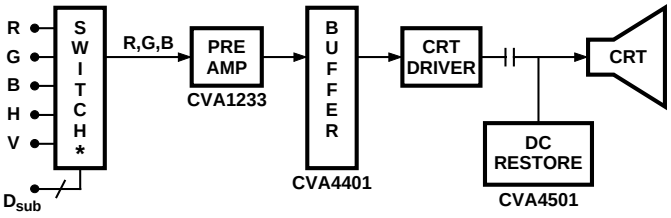
CRT Driver Amplifiers

The Calogic Video Family



DC Restore

P/N	V_{CC}	Dynamic Range
CVA4501	150V	45V
CVA4502	200V	55V

Video Buffer & Level Shifter

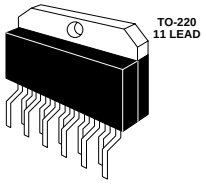
P/N	Slew Rate	Bandwidth	Output Voltage Level Shift	Supply Current	Supply Voltage
CVA4402	8,000V/µs	400MHz	V_{IN} -3V	5mA	±3V to ±15V
CVA4403	11,000V/µs	400MHz	V_{IN} -3V	5mA	-8V to +12V

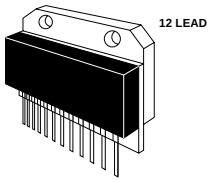
Video Buffer

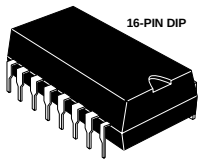
P/N	Slew Rate	Bandwidth	Output Current	Supply Current	Supply Voltage
CVA4401	11,000V/µs	400MHz	150mA	5mA	±3V to ±18V

CRT Pre-Amplifiers

P/N	Bandwidth (MHz)	Supply Voltage (V)	Speed (ns) Rise	Fall
CVA1233	100	12	3.0	4.0







CRT Drivers

P/N	Topology	Vcc/Vp-p	Options	Channels	Horizontal F = kHz	Resolution	CRT Size Inches	Leads/Pkg.
CVA2400T	Cascode	80/50	G, EP	3	69	1280X1024	15, 17	11/TO-220
CVA2401T	Cascode	80/50	G, EP	3	85	1600X1280	17, 19	11/TO-220
CVA2403T	Cascode	80/50	G, EP	3	95	1600X1280	19, 21	11/TO-220
CVA2404T	Cascode	80/50		3	64	1280X1024	14, 15	11/TO-220
CVA2405T	Cascode	80/50		3	69	1280X1024	15, 17	11/TO-220
CVA2407T	Cascode	80/50		3	82	1280X1024	17, 19	11/TO-220
CVA2411TX	Cascode	80/50	G, EP, SH	3	69	1280X1024	15, 17	11/TO-220
CVA2412AX	Cascode	80/50	G, EP, SH	3	88	1600X1280	17, 19	11/TO-220
CVA2415TZ	Cascode	80/50		3	56	1280X1024	14, 15	11/TO-220
CVA2417TX	Cascode	80/50		3	64	1280X1024	15, 17	11/TO-220
CVA2419TX	Cascode	80/50		3	64	1280X1024	15, 17	11/TO-220
CVA2422TL	Cascode	80/50	G, EP	3	64	1280X1024	15, 17	11/TO-220
CVA2455T	Active Load	80/50		3	95	1600X1280	17, 19	11/TO-220
CVA2456T	Active Load	80/50		3	110	1600X1280	19, 21	11/TO-220
CVA3404T	Cascode	80/50	EP	3	64	1280X1024	14, 15	11/TO-220
CVA3405T	Cascode	80/50	EP	3	72	1280X1024	15, 17	11/TO-220
CVA3407T	Cascode	80/50	EP	3	85	1280X1024	17, 19	11/TO-220
CVA3415T	Active Load	80/50	EP	1	120	1600X1280	19, 21	11/TO-220
CVA3424T	Active Load	80/50		1	110	1600X1280	19, 21	11/TO-220
CVA6627S	Active Load	80/50		3	95	1600X1280	17, 19	12/SIP
CVA6629S	Active Load	80/50		3	105	1600X1280	19, 21	12/SIP
CVA24150T	Cascode	150/120	EP	1		HDTV	TV-Monitor	11/TO-220

EP = Emitter Peaking
G = Gain Control
SH = Smal Heat Sink