

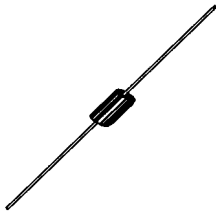


## RGB VIDEO OUTPUT TRANSISTORS

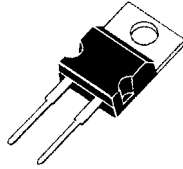
Device	V <sub>CEO</sub>	V <sub>CBO</sub> V <sub>CES</sub>	I <sub>c</sub>	P <sub>tot</sub>	Package	V <sub>CE(sat)</sub> @ I <sub>c</sub> / I <sub>B</sub>			t <sub>s</sub>	t <sub>r</sub>
	(V)	(V)	(A)	(W)		(V)	(mA)	(mA)	(μs)	(μs)
VT120	200	200	0.10	8.4	SOT-32	-	-	-	-	-
BF457	160	160	0.30	12.5	SOT-32	1.0	50.0	10.0	-	-
BF458	250	250	0.30	12.5	SOT-32	1.0	50.0	10.0	-	-
BF459	300	300	0.30	12.5	SOT-32	1.0	50.0	10.0	-	-



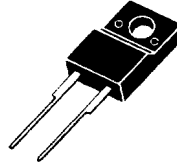
HORIZONTAL DEFLECTION - DIODES FOR COLOR TV AND MONITORS



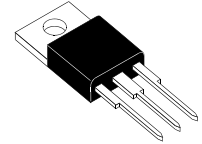
DO-201AD



TO220AC



ISOWATT220AC  
(Fully Isolated)



TO220I

DAMPER DIODES

$T_j$  (max) = 150°C

Device	$I_O$ (A)	$V_{RRM}$ (V)	(1) $V_F$ @ rated $V_{RRM}$ (V)	$I_R$ @ rated $V_{RRM}$ (mA)	(2) $t_{RR}$ (ns)	Package
<a href="#">DTV32-1500A</a>	6	1500	1.2	1	600	TO220AC
<a href="#">DTV32-1500B</a>	6	1500	1.4	1.4	175	
<a href="#">DTV64D</a>	6	1500	1.4	1	135	
<a href="#">DTV82D</a>	6	1500	1.3	1	125	
<a href="#">DTV110D</a>	6	1500	1.5	1	115	
<a href="#">DTV32F-1500A</a>	6	1500	1.2	1	600	ISOWATT220AC
<a href="#">DTV32F-1500B</a>	6	1500	1.4	1.4	175	
<a href="#">DTV64F</a>	6	1500	1.4	1	135	
<a href="#">DTV82F</a>	6	1500	1.3	1	125	
<a href="#">DTV110F</a>	6	1500	1.5	1	115	



## MODULATION DIODES

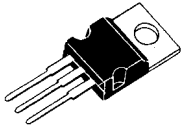
$T_j (\text{max}) = 150^\circ\text{C}$						
Device	$I_O$ (A)	$V_{RRM}$ (V)	(1) $V_F$ @ rated $V_{RRM}$ (V)	$I_R$ @ rated $V_{RRM}$ (mA)	(2) $t_{RR}$ (ns)	Package
<a href="#">MDV03-400</a>	3	400	1.4	0.50	55	DO-201AD
<a href="#">MDV04-600</a>	4	600	1.2	0.75	75	

## DAMPER + MODULATION DIODES FOR VIDEO

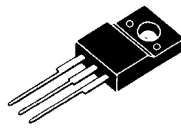
$T_j (\text{max}) = 150^\circ\text{C}$						
Device	$I_O$ (A)	$V_{RRM}$ (V)	(1) $V_F$ @ rated $V_{RRM}$ (V)	$I_R$ @ rated $V_{RRM}$ (mA)	(2) $t_{RR}$ (ns)	Package
<b>DMV32A</b> • Damper diode • Modulation diode	1500 600	6 5	1.2 1.2	1 0.75	175 80	TO220AB
<b>DMV32B</b> • Damper diode • Modulation diode	1500 600	6 5	1.3 1.2	1.4 0.75	175 80	TO220AB



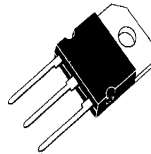
**DEFLECTION - TRANSISTORS**



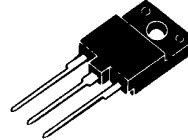
TO-220



ISOWATT220  
(Fully Isolated)



SOT-93

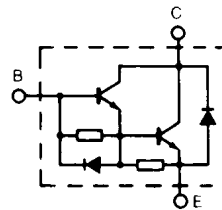
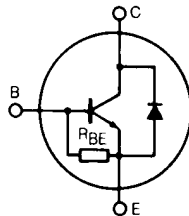
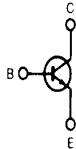


ISOWATT218  
(Fully Isolated)



TO-3

Internal schematic diagrams



**HORIZONTAL DEFLECTION  
POWER BIPOLAR TRANSISTORS & DARLINGTONS**

Device	V <sub>CEO</sub> (V)	V <sub>CBO</sub> (V)	I <sub>C</sub> (A)	P <sub>tot</sub> (W)	Package	TYPICAL APPLICATION	
						Colour Television screen size	Monitor size/type/frequency
<a href="#">BU808DFI</a>	700	1400	8.0	52	ISOWATT218	up to 21"	
<a href="#">BUH315</a>	700	1500	6.0	44	ISOWATT218	up to 17"	
<a href="#">BUH315D</a>	700	1500	6.0	44	ISOWATT218	up to 17"	
<a href="#">THD218DHI</a>	700	1500	7.0	50	ISOWATT218	up to 25"	
<a href="#">BU508AFI</a>	700	1500	8.0	50	ISOWATT218	up to 25"	
<a href="#">BU508DFI</a>	700	1500	8.0	50	ISOWATT218	up to 25"	
<a href="#">BUH515</a>	700	1500	8.0	50	ISOWATT218	up to 25"	14" / SVGA / <50 KHz
<a href="#">BUH515D</a>	700	1500	8.0	50	ISOWATT218	up to 25"	
<a href="#">S2000AFI</a>	700	1500	8.0	50	ISOWATT218	up to 25"	
<a href="#">THD277HI</a>	700	1500	8.0	50	ISOWATT218	up to 25"	14" / SVGA / <50KHz
<a href="#">BUH615D</a>	700	1500	8.0	55	ISOWATT218	up to 25"	
<a href="#">THD215HI</a>	700	1500	8.0	57	ISOWATT218		14" / Multisync / <64KHz
<a href="#">THD200FI</a>	700	1500	10.0	57	ISOWATT218	> 25"	15" / Multisync / >64KHz
<a href="#">BUH1015HI</a>	700	1500	10.0	70	ISOWATT218	> 25"	17" / Multisync / >64KHz
<a href="#">BUH1015</a>	700	1500	14.0	160	TO-218	> 25"	17" / Multisync / >64KHz
<a href="#">BUH1215</a>	700	1500	16.0	200	TO-218	> 25"	21" / Multisync / >64KHz
<a href="#">BUH2M20AP</a>	1200	2000	0.03	40	TO-220	DYNAMIC FOCUS	DYNAMIC FOCUS

Suffix D or DFI or DHI = integrated free-wheeling diode



## SWITCH MODE POWER SUPPLIES POWER BIPOLAR TRANSISTORS

Type	V <sub>CEO</sub> (V)	V <sub>CBO</sub> V <sub>CES</sub> (V)	I <sub>C</sub> (A)	P <sub>tot</sub> (W)	Package	V <sub>CE(sat)</sub> @ I <sub>C</sub> / I <sub>B</sub>			Resistive Switching	
						(V)	(A)	(A)	ts typ (μs)	tf typ (μs)
<a href="#">SGSIF461</a>	400	850	15	57	ISOWATT218	1.5	10	2.0	1.0	0.15
<a href="#">BUF410</a>	450	850	15	125	SOT-93	0.5 #	10	2.0	1.9 ♦	0.06 ♦
<a href="#">BUF420</a>	450	850	30	200	SOT-93	0.5 #	20	4.0	1.1 ♦	0.05 ♦
<a href="#">BUF420M</a>	450	850	30	200	TO-3	0.5 #	20	4.0	1.0 ♦	0.05 ♦
<a href="#">BUX87</a>	450	1000	0.5	40	SOT-32	1.0	0.2	0.02	4.5	0.5
<a href="#">SGSF313PI</a>	450	1000	5	35	ISOWATT220	0.75	2.5	0.5	1.1	0.13
<a href="#">BUF405AFI</a>	450	1000	7.5	40	ISOWATT220	0.5	5	1	1.8	0.1
<a href="#">BUF405A</a>	450	1000	7.5	80	TO-220	0.5 #	5.0	1.0	0.8 ♦	0.05 ♦
<a href="#">SGSF463</a>	450	1000	12	125	SOT-93	1.5	7.0	1.4	1.0	0.15
<a href="#">BUF410A</a>	450	1000	15	125	SOT-93	0.5 #	10	2.0	1.9 ♦	0.06 ♦
<a href="#">BUF420A</a>	450	1000	30	200	SOT-93	0.5 #	20	4.0	1.0 ♦	0.05 ♦
<a href="#">BUL310PI</a>	500	1000	5	35	ISOWATT220	1.1	3.0	0.6	1.2 ♦	0.08 ♦
<a href="#">SGSF324</a>	600	1200	4	70	TO-220	1.5	1.75	0.35	1.0	0.5
<a href="#">SGSIF344</a>	600	1200	7	40	ISOWATT220	1.5	3.5	0.7	1.0	0.2
<a href="#">SGSIF444</a>	600	1200	7	50	ISOWATT218	1.5	3.5	0.7	1.5	0.2
<a href="#">SGSF344</a>	600	1200	7	85	TO-220	1.5	3.5	0.7	1.0	0.2
<a href="#">BUH315</a>	700	1500	6	44	ISOWATT218	1.5	3.0	0.75	1.6	0.11
<a href="#">THD277HI</a>	700	1500	8	50	ISOWATT218	0.9	4.0	1.0	2.1	0.14

# Type

♦ Induct. load



## DEFLECTION - ICs

## VERTICAL DEFLECTION

Type	Description	Package
<a href="#">TDA1175P</a>	Low Noise Complete System for Monitors	POWERDIP16
<a href="#">TDA1675A</a>	Complete System for Monitors	MULTIWATT
<a href="#">TDA1771</a>	Complete System for Small Screen Color TV with Ramp Generator	SIL10
<a href="#">TDA8170</a>	Power Output for Color TV	HEPTAWATT
<a href="#">TDA8171</a>	Power Output for Color TV	HEPTAWATT
<a href="#">TDA8172</a>	Power Output for Color TV & Monitors	HEPTAWATT
<a href="#">TDA8174</a>	Power Output for Color TV with Ramp Generator	MULTIWATT
<a href="#">TDA8174A</a>	Power Output for Color TV with Ramp Generator	MULTIWATT
<a href="#">TDA8177</a>	Power Output for Color TV & Monitors	HEPTAWATT
<a href="#">TDA8177F</a>	Power Output for Color TV & Monitors	HEPTAWATT
<a href="#">TDA9302H</a>	Low Cost Power Output for Color TV & Monitors	HEPTAWATT
<a href="#">TDA9309</a>	Low Cost Power Output for Color TV & Monitors	HEPTAWATT
<a href="#">STV9379A</a>	Power Output for High Performance Monitors and TV	HEPTAWATT
<a href="#">STV9379FA</a>	Power Output for High Performance Monitors and TV	HEPTAWATT

## HORIZONTAL DRIVERS

Type	Description	Package
<a href="#">TDA8140</a>	Power Transistor Driver for Color TV	POWERDIP
<a href="#">TDA8143</a>	Power Transistor Driver for Color TV	SIP9

## HORIZONTAL AND VERTICAL DEFLECTION PROCESSORS

Type	Description	Package
<a href="#">TDA9103S</a>	H/V Deflection Processor for Multifrequencies Monitors	SDIP42
<a href="#">TDA8214B</a>	H/V Processor for Low Cost TV	DIP20
<a href="#">TDA8215B</a>	H/V Processor with Darlington Drive for Low Cost TV	DIP20
<a href="#">TDA9102C/F</a>	H/V Deflection Processor for Multifrequencies Monitors	DIP20
<a href="#">TDA9105A</a>	H/V Deflection Processor for High-end Multifrequencies Monitors	SDIP42
<a href="#">TDA9105S</a>	H/V Deflection Processor for High-end Multifrequencies Monitors	SDIP42
<a href="#">TDA9106</a>	H/V I <sup>2</sup> C Controlled High-end Deflection Processor for Monitors	SDIP42
<a href="#">TDA9106A</a>	H/V I <sup>2</sup> C Controlled High-end Deflection Processor for Monitors	SDIP42
<a href="#">TDA9109</a>	H/V I <sup>2</sup> C Controlled High-end Deflection Processor for Monitors	SDIP32
<a href="#">TDA9110</a>	H/V I <sup>2</sup> C Controlled High-end Deflection Processor for Monitors	SDIP32
<a href="#">TEA2037A</a>	H/V Deflection Circuit for Low Cost Monitors and B&W TV	BATWING DIP16
<a href="#">TEA2130</a>	H/V Deflection With Automatic VCR Switching	DIP20
<a href="#">STV7778S</a>	H/V Deflection Processor for Low-end Multifrequencies Monitors	SDIP42

**DEFLECTION - ICs (cont'd)****EAST/ WEST CORRECTION**

Type	Description	Package
<a href="#">TDA4950</a>	E/W Parabolic and Keystone Correction	MINIDIP
<a href="#">TDA8145</a>	E/W Square CRT Parabolic and keystone Correction	MINIDIP
<a href="#">TDA8146</a>	E/W Parabolic and keystone Correction with Adjustable Parabolic shape	MINIDIP
<a href="#">TEA2031A</a>	E/W Parabolic and Keystone Correction	MINIDIP
<a href="#">STV2145</a>	I <sup>2</sup> C Bus Controlled East/West and Vertical Interface	DIP16

**WIDE BAND VIDEO PREAMPLIFIER**

Type	Description	Package
<a href="#">TDA9203A/B</a>	Tripple Channel 80MHz Video Preamplifier (DC Ctrl) for Monitors	SDIP24
<a href="#">TDA9205</a>	Tripple Channel 130MHz Video Preamplifier (DC Ctrl) for Monitors	SDIP24
<a href="#">TDA9206</a>	Tripple Channel 130MHz Video Preamplifier (DC Ctrl) for Monitors	SDIP24

**HIGH VOLTAGE VIDEO AMPLIFIER**

Type	Description	Package
<a href="#">STV5112</a>	3-Channel RGB High Voltage Video Amplifier	MULTIWATT
<a href="#">TDA9501</a>	Mono Channel 100V, 100Mpix/sec Video Amplifier (monitor)	PENTAWATT
<a href="#">TEA5101B</a>	3-Channel RGB High Voltage Video Amplifier	MULTIWATT
<a href="#">TDA9511</a>	Mono Channel 100V, 100Mpix/sec Video Amplifier (monitor)	PENTAWATT
<a href="#">TDA9502</a>	Triple Channel 100V, 100 Mpix/sec Video Amplifier (monitor)	MULTIWATT15

**VIDEO AND SOUND IF**

Type	Description	Package
<a href="#">STV8223B</a>	Video & Sound IF System with AV Switches	SDIP24
<a href="#">STV8224B</a>	Video & Sound IF System with AV Switches	SDIP24
<a href="#">STV8225</a>	AM Sound IF Processor	DIP14

**TV SIGNAL PROCESSING**

Type	Description	Package
<a href="#">STV2040</a>	Digital Convergence for projection CTV	SDIP56
<a href="#">STV2102B</a>	Pal Decoder, Video Processor and H/V deflection processor	SDIP42
<a href="#">STV2110B</a>	Pal Secam Decoder, Video Processor and H/V deflection processor	SDIP42
<a href="#">STV2112B</a>	I <sup>2</sup> C Bus Controller PAL/SECAM Complete TV Processor	SDIP42
<a href="#">STV2116A</a>	I <sup>2</sup> C Bus Controller PAL/NTSC Complete TV Processor	SDIP42
<a href="#">STV2118B</a>	I <sup>2</sup> C Bus Controller PAL/SECAM/NTSC Complete TV Processor	SDIP42
<a href="#">STV2151B</a>	High End Multistandard Chroma Decoder, Integrated Luma and Chroma Filters	SDIP30
<a href="#">STV2161</a>	Bus-Controlled Combined Deflection, Picture Improvement and Video Processor	SDIP56
<a href="#">STV2162</a>	Combined Video and Deflection Processor for 100Hz CTV	SDIP30
<a href="#">STV2165</a>	Picture Signal Improvement for 2H CTV	SDIP30
<a href="#">STV2216</a>	I <sup>2</sup> C Bus-Controlled NTSC/PAL Complete TV Processor	SDIP42

## VIDEO AND SOUND SWITCHES

Type	Description	Package
<a href="#">TDA8198</a>	Dual Audio Switch + DC Volume Control	DIP14
<a href="#">TDA8199</a>	Dual DC Volume Control	DIP8
<a href="#">TEA2014A</a>	Video Switch for Low Cost Solution	DIP8
<a href="#">TEA2114</a>	Large Band Video Switch - Two Video Outputs - Compatible with <a href="#">TEA2014A</a>	DIP8
<a href="#">TEA2124</a>	Large Band Video Switch - Two Video Outputs (6dB gain)	DIP8
<a href="#">TEA5114A</a>	Three Channels Switching (RGB)	DIP16
<a href="#">TEA5116</a>	Five Video Switch And RGB Selection	DIP18
<a href="#">TEA6415C</a>	I <sup>2</sup> C Controlled Video Matrix Switch	DIP20
<a href="#">TEA6420</a>	I <sup>2</sup> C Bus Controlled Audio Matrix	SDIP24
<a href="#">TEA6422</a>	I <sup>2</sup> C Controlled Audio Matrix Switch	SDIP24
<a href="#">STV6400</a>	Double SCART Interface	DIP20
<a href="#">STV6400D</a>	Double SCART Interface	SO20
<a href="#">STV6410D</a>	Audio/Video Switch Matrix	TQFP64
<a href="#">STV6408</a>	I <sup>2</sup> C Bus Controlled Video Matrix Switch	PQFP44
<a href="#">TEA6415CD</a>	I <sup>2</sup> C Bus Controlled Video Matrix Switch	SO20
<a href="#">TEA6420D</a>	I <sup>2</sup> C Bus Controlled Audio Matrix	SO28
<a href="#">TEA6422D</a>	I <sup>2</sup> C Bus Controlled Video Matrix Switch	SO28
<a href="#">TEA6425</a>	I <sup>2</sup> C Bus Controlled Video Matrix Switch	DIP20
<a href="#">TEA6430</a>	I <sup>2</sup> C Bus Controlled Audio Matrix Switch	SDIP24

## REMOTE CONTROL

Type	Description	Package
<a href="#">M3004LAB1</a>	RC Transmitter 64 Commands	DIP20
<a href="#">M3004LD</a>	RC Transmitter 64 Commands	SO20





## VIDEO RECORDER CIRCUITS

Type	Description	Package
STV5712D	FM Audio Head Amplifier	SO16
STV5725D	4 Video Head Amplifier With TRIV and AGC	SO20
STV5727D	2 Video Head Amplifier With TRIV and AGC	SO14N
STV5728D	4 Video + 2 HIFI Head Amplifier With AGC TRIV and AGC	SO28
STV5742D	2 Video Head Amplifier With TRIV and AGC	SO16N
STV5744AD	4 Video Head Amplifier With TRIV and AGC	SO20

## SWITCH MODE POWER SUPPLY

Type	Description	Package
<a href="#">TEA2018A</a>	Fixed Frequency Controller	DIP8
<a href="#">TEA5170</a>	Master Slave, Secondary Controller	DIP8
<a href="#">TEA2261</a>	Primary Controller for Master Slave With Analog Switch Off	DIP16
<a href="#">TEA2262</a>	Primary Controller for Master Slave With Analog Switch Off for MOS Transistor	DIP16
<a href="#">TDA4605</a>	Low cost free running frequency SMPS MOS Transistor	DIP8

## TELETEXT DECODER

Type	Description	Package
<a href="#">STV5347</a>	Teletext Decoder, with Digital Data Slicer and 4 Pages Memory On-Chip	DIP28
<a href="#">STV5348</a>	Teletext and VPS Decoder, Digital Data Slicer and 8 Pages Memory On-Chip	DIP28
STV5348D	Teletext and VPS Decoder, Digital Data Slicer and 8 Pages Memory On-Chip	SO28
STV5348H	Teletext and VPS Decoder, Digital Data Slicer and 8 Pages Memory On-Chip	SO28
STV5348T	Teletext and VPS Decoder, Digital Data Slicer and 8 Pages Memory On-Chip	SO28

## NICAM

Type	Description	Package
<a href="#">TDA8204B</a>	Nicam Decoder	SDIP42
<a href="#">TDA8205</a>	QPSK Demodulator	SDIP42



## GRAPHIC

Type	Description	Package
<a href="#">STV9410</a>	Graphic Display Processor for CRT and LCD	DIP20 - SO24
<a href="#">STV9422</a> (1)	Multisynch 40MHz Pixel Clock OSD Monitor + 8 DACs Outputs	SDIP24
<a href="#">STV9424</a> (1)	Multisynch 40MHz Pixel Clock OSD Monitor	DIP16
<a href="#">STV9425</a> (1)	Multisynch 50MHz Pixel Clock OSD Monitor + 8 DACs Outputs	SDIP24
<a href="#">STV9425B</a> (1)	Multisynch 50MHz Pixel Clock OSD Monitor + 4 DACs Outputs	SDIP24
<a href="#">STV9426</a> (1)	Multisynch 50MHz Pixel Clock OSD Monitor	DIP16
<a href="#">STV9427</a> (2)	Multisynch 80MHz Pixel Clock OSD Monitor	DIP16
<a href="#">STV9428</a> (2)	Multisynch 80MHz Pixel Clock OSD Monitor + 4 DACs Outputs	DIP20
<a href="#">STV9429</a> (2)	Multisynch 80MHz Pixel Clock OSD Monitor + 8 DACs Outputs	DIP24

(1) 128 characters + 24 user definable characters

(2) 256 characters + multilanguage + 16 user definable characters

## LED DISPLAY DRIVERS

Type	Description	Package
M5450B7	34 Outputs/15mA	DIP40
M5451B7	35 Outputs/15mA	DIP40
M5480B7	3.5 Digit (23 Segments)	DIP28
M5481B7	2 Digit (14 Segments)	DIP28
M5451Q	2 Digit (14 Segments)	PLCC44
M5482B7	2 Digit (15 Segments)	DIP20

## VOLTAGE REGULATORS

Type	Description	Package
<a href="#">TDA8132</a>	5.1V +12V Dual Disable Voltage Regulator	HEPTAWATT
<a href="#">TDA8137</a>	Dual 5.1V Regulator with Disable	HEPTAWATT
<a href="#">TDA8138</a>	5.1V +12V Regulator with Disable and Reset	SIP9
<a href="#">TDA8138A</a>	5.1V +12V Regulator with Disable	HEPTAWATT
<a href="#">TDA8138B</a>	5.1V +12V Regulator with Reset	HEPTAWATT
<a href="#">TDA8139</a>	5.1V and Adjustable Voltage Regulator with Disable and Reset	SIP9
<a href="#">TDA8133</a>	5.1V +8V Regulator with Disable and Reset	SIP9



## SATELLITE PAY TV

Type	Description	Package
<a href="#">STV0030</a>	Video and Stereo Audio Processor for Satellite	PQFP64
<a href="#">STV0042A</a>	Video and Stereo Audio Processor for Satellite	SDIP42
<a href="#">STV0056</a>	Video and Stereo Audio Processor for Satellite	SDIP56
<a href="#">STV0056A</a>	Video and Stereo Audio Processor Satellite with WEGNER PANDA System	SDIP56
<a href="#">STV0116</a>	PAL/NTSC Digital Encoder	PLCC44
<a href="#">STV0117</a>	PAL/NTSC Digital Encoder Macrovision Anticopy	PLCC44
<a href="#">STV0117A</a>	PAL/NTSC Digital Encoder Macrovision Anticopy	PLCC44
<a href="#">STV0118</a>	PAL/NTSC High Performance Digital Encoder	SO28
<a href="#">STV0119</a>	PAL/NTSC High Performance Digital Encoder	SO28
<a href="#">STV0119A</a>	PAL/NTSC High Performance Digital Encoder	SO28
<a href="#">STV0180</a>	High Resolution 8-bit ADC	SO28
<a href="#">STV0190</a>	Dual 6-bit ADC	SO28
<a href="#">STV0196B</a>	QPSK/BPSK Demodulator and Forward Error Corrector (FEC) IC	PQFP64
<a href="#">STV5730A</a>	Multistandard On-Screen Display	SO28
<a href="#">PTV110</a>	Video Descrambler	SDIP42
<a href="#">PTV111</a>	Pay TV Sync Separator	DIP20

## TRIPLE DAC

Type	Description	Package
<a href="#">STV8438CV</a>	8-Bit Triple DAC with Analog Switch	PQFP44

## VIDEO AMPLIFIER

Type	Description	Temperature range (C)	Package
<a href="#">TSH10ID</a>	High Speed 140MHz Amplifier Low Noise	- 40 to 105	SO8
<a href="#">TSH10IN</a>	High Speed 140MHz Amplifier Low Noise	- 40 to 105	DIP8
<a href="#">TSH11ID</a>	High Speed 120MHz Amplifier Mos Input	- 40 to 105	SO8
<a href="#">TSH11IN</a>	High Speed 120MHz Amplifier Mos Input	- 40 to 105	DIP8
<a href="#">TSH22ID</a>	Dual High Speed 25MHz Amplifier - Bipolar Input Supply Voltage 3-30V	- 40 to 125	SO8
<a href="#">TSH22IN</a>	Dual High Speed 25MHz Amplifier - Bipolar Input Supply Voltage 3-30V	- 40 to 125	DIP8
<a href="#">TSH94ID</a>	Quad with Standard Mode - Low Cost Amplifier - 150MHz	- 40 to 125	SO16
<a href="#">TSH94IN</a>	Quad with Standard Mode - Low Cost Amplifier - 150MHz	- 40 to 125	DIP16
<a href="#">TSH150CD</a>	High Speed 150MHz Amplifier Bipolar Input	0 to 70	SO8
<a href="#">TSH150CN</a>	High Speed 150MHz Amplifier Bipolar Input	0 to 70	DIP8
<a href="#">TSH150ID</a>	High Speed 150MHz Amplifier Bipolar Input	- 40 to 105	SO8
<a href="#">TSH150IN</a>	High Speed 150MHz Amplifier Bipolar Input	- 40 to 105	DIP8
<a href="#">TSH151CD</a>	High Speed 150MHz Amplifier Mos Input	0 to 70	SO8
<a href="#">TSH151CN</a>	High Speed 150MHz Amplifier Mos Input	0 to 70	DIP8
<a href="#">TSH151ID</a>	High Speed 150MHz Amplifier Mos Input	- 40 to 105	SO8
<a href="#">TSH151IN</a>	High Speed 150MHz Amplifier Mos Input	- 40 to 105	DIP8
<a href="#">TSH31ID</a>	High Speed 280MHz Amplifier Mos Input	- 40 to 105	SO8
<a href="#">TSH31IN</a>	High Speed 280MHz Amplifier Mos Input	- 40 to 105	DIP8
<a href="#">TSH321ID</a>	High Speed 300MHz Amplifier Mos Input	- 40 to 105	SO8
<a href="#">TSH321IN</a>	High Speed 300MHz Amplifier Mos Input	- 40 to 105	DIP8