

3 TV SETS

DIGITAL SIGNAL PROCESSING

Application	Type No.	Circuit function	Typical electrical characteristics (T _a =25°C)		Package outline	Remarks
			V _{cc} (V)	I _{cc} (mA)		
Y/C Separator	M65611SP	Digital Adaptive Y/C Separator	5.0	100	52P4B	CMOS
	M65630FP	Motion Adaptive Y/C Separator	5.0	120	100P6S	CMOS
	M65631FP	Chroma Noise Reduction	5.0	90	80P6S	CMOS
	M65634FP	Motion Adaptive Y/C Separator	5.0/3.3	30/155	160P6	CMOS
MUSE-NTSC Converter	M52653FP	Analog Input Processor	±5.0	40	24P2W	Bip
	M65609FP	MUSE Signal Processor	—	—	100P6S	CMOS
	M65619FP	NTSC Signal Processor	—	—	80P6N	CMOS
	M52654FP	Analog Input Processor	9.0	36	32P2U	Bip
HDTV	M65641FP	1Chip MUSE-NTSC Converter	3.3, 5	(3.3V) 60 (5V) 15	80P6N	CMOS
	M52650FP	Analog Input Processor	±5.0	40	24P2W	Bip
	M52651SP	Analog Output Processor	±5.0	60	32P4B	Bip
	M52652ASP	Clock Generator	±5.0	140	32P4B	Bi-CMOS
	M52654FP	Analog Input Processor	9.0	36	32P2U	Bip
	M65620FP	Output Processor	5.0	180	152P6T	CMOS
PIP	M65621FP	Motion Detect Processor	5.0	300	152P6T	CMOS
	M65617SP	1 chip Digital Picture in Picture	3.3	140	52P4B	CMOS
Scan Converter	M65667SP/FP	★ ★ 1 chip Digital Picture in Picture	3.3	140	52P4B/64P6N	CMOS
Ghost Cancel	M52665FP	★ ★ 1 chip VGA to NTSC Converter	3.3	—	64P6N	CMOS
Character multiple broadcasting system	M52661SP/FP	Analog Pre-Processor with DAC	+5	60	52P4B/56P6S	Bi-CMOS
	M52696FP	RGB Interface	+5	40	56P6S	Bip

ANALOG SIGNAL PROCESSING SYSTEMS

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{cc} (V)	I _{cc} (mA)		
VIF/SIF/VIDEO CHROMA/DEVIATION signal processing systems (single-chip)	M51408SP	VIF/SIF/VIDEO/CHROMA/DEFLECTION (PAL/NTSC)	9	90	52P4B	Reverse RF AGC
	M52038ASP	VIF/SIF/VIDEO/CHROMA/DEFLECTION (PAL,50Hz)	9	85	52P4B	Reverse RF AGC
	M52043SP	VIF/SIF/VIDEO/CHROMA/DEFLECTION (PAL,60Hz)	9	85	52P4B	Reverse RF AGC
	M52303ASP	VIF/SIF/VIDEO/CHROMA/DEFLECTION (NTSC)	9	90	52P4B	
	M52030ASP	VIF/SIF/VIDEO/CHROMA/DEFLECTION (NTSC)	9	80	52P4B	
	M52775FP	★ ★ NTSC Bus Control 1 Chip CTV	5, 8	70	56P6N	
	M52340SP	PAL/NTSC Bus Control 1 Chip CTV	5, 8	70	52P4B	
	M52777SP	★ PAL/NTSC Bus Control 1 Chip CTV	5, 8	70	52P4B	
	M52778SP	★ ★ PAL/NTSC Bus Control 1 Chip CTV	5, 8	70	52P4B	
	M52335SP	NTSC 1 Chip CTV	5, 9	70	52P4B	
VIF/SIF signal Processing systems	M52339SP	NTSC 1 Chip CTV	5, 9	70	52P4B	
	M51348FP/AF/AVP	VIF Amp, Video Detector, AGC, AFT, Limiter Amp, FM Det AIT Sync Sep., For RF AGC	4.5	16	24P2/24P2E	Forward RF AGC
	M51362SP	PLL-Split VIF/SIF	9	54	30P4B	Reverse RF AGC
	M51365SP	PLL-Split VIF/SIF	9	52	30P4B	Reverse RF AGC
	M51366SP	PLL-Split VIF/SIF	9	52	30P4B	Reverse RF AGC
	M51419ASP	Multi VIF	9	55	32P4B	
	M51496P	VIF/SIF	9	33	18P4	Reverse RF AGC
	M52007FP/VP	VIF/SIF, Rev. RF AGC	4.5	16	24P2/24P2E	
	M52008P/SP	PLL-VIF	9	40	20P4/20P4B	
	M52301SP	PLL-Multi VIF/SIF	5, 9	48	52P4B	
	M52034SP/FP	PLL VIF/SIF	5, 5 to 12	30	20P4B/20P2N	
	M52014SP	TWIN PLL VIF/SIF	9	45	32P4B	
	M52319SP	TWIN PLL VIF/SIF	5	50	32P4B	
	M52311FP	PLL-Split VIF/SIF	5, 5 to 12	30	24P2Q	Reverse RF AGC
	M52318SP/ASP	PLL-Split VIF/SIF	9	45	20P4B	
	M52323SP/ASP*	PLL-Split VIF/SIF	12	45	20P4B	
	M52317SP	MULTI SIF Converter	5 to 12	30	20P4B	
	M52313SP	PLL VIF/SIF	5, 5 to 12	30	20P4B	
	M52342SP/FP	PLL VIF/SIF	5, 9 to 12	50	20P4B/24P2Q	
	M52334FP	PLL VIF/SIF (inter)	5, 9 to 12	40	20P2N	M/N only
M52761FP/SP	PLL VIF/SIF	5, 9 to 12	46	20P2N/20P4B	M/N only	