

Digital Y/C Separation

A2

Type No.	Package	Outline	Function/Feature	Operating Voltage
TC9057BF	QFP100-P-1420	Motion-adaptive 3 dimensional Y/C separation	4M bit memory Sync. circuit Motion detection for each sampling Moving picture mode: Double comb filter Y/C separation Still picture mode: Flame Y/C separation	4.75-5.25V
TC9066F	QFP100-P-1420		2M bit memory Motion detection for each sampling Moving picture mode: Double comb filter Y/C separation Still picture mode: Flame Y/C separation YNR, CNR	4.75-5.25V
TC9086F*	QFP100-P-1420A	Motion-adaptive 3 dimensional Y/C separation	4M bit memory, Sync. circuit, Motion detection for each sampling, Moving picture mode: Double comb filter Y/C separation, Still picture mode: Flame Y/C separation, Built-in ADC(8bit), DAC(10bit), I ² C bus control	4.75-5.25V
TC9089AN/AF	SDIP28-P-400 SOP28-P-450	3 line digital Y/C separation	2H. line memory, Sync. circuit, Built-in ADC(8bit), DAC(8bit), Dynamic comb filter, 1 line dot improver, Vertical enhancer	4.75-5.25V
TA8667P/F	DIP18-P-300A SSOP24-P-300B	Horizontal AFC	Horizontal/vertical sync. separation High Freq. clock locks to H sync.	8.55-9.45V
TA8761P	DIP16-P-300A	Clamp. VCXO	Clamp voltage output 4 fsc clock generation	4.75-5.25V

*: Under development

Digital TV System

A2

Type No.	Package	Outline	Function/Feature	Operating Voltage
TC9076AF*	QFP100-P-1420	DVCDD	Horizontal sync. separation, Horizontal sync. generation, Horizontal deflection, Vertical sync. fsc generation, Color demodulation, ACC	4.5-5V
TC9081AF*	QFP100-P-1420	DVCDV	3 line Y/C separation, Color edge correction, Vertical and horizontal enhancer	4.5- 5V
TC9077F	QFP100-P-1420	Frame comb filter	Motion-adaptive NTSC 3 dimensional Y/C separation 5M bit memory	4.5-5V
TC9078F	QFP100-P-1420	Wide aspect converter	NTSC/PAL 3/4 Time compression Built-in 3ch D/A converter	4.5-5.25V
TA8884N	SDIP54-P-600	RGB Processor	Unicolor, Black level corrector ABL ACL RGB Matrix, Flesh color corrector	11-13V

* Under development

Ghost Canceller IC

A2

Type No.	Package	Outline	Function/Feature	Operating Voltage
TC9052F	QFP100-P-1420B	128 digital FIR transversal filter	Cascade connection applicable (input 18 bit, output 18 bit, 2's complement) 8 bit video input (2's complement) 10 bit coefficient data 28.6 MHz main clock (8 fsc) Coefficient data writing: high speed sync. mode or low speed non-sync. mode	4.75-5.25V
TA8793F	SSOP30-P-375	Sync. signal separation clock generation	Video — clamp/ATT select/reference voltage Sync. — reverse Amp./Horizontal vertical sync. sep./Gate pulse generation select Clock — burst Amp./APC/4 fsc VCXO	8.1-9.9V