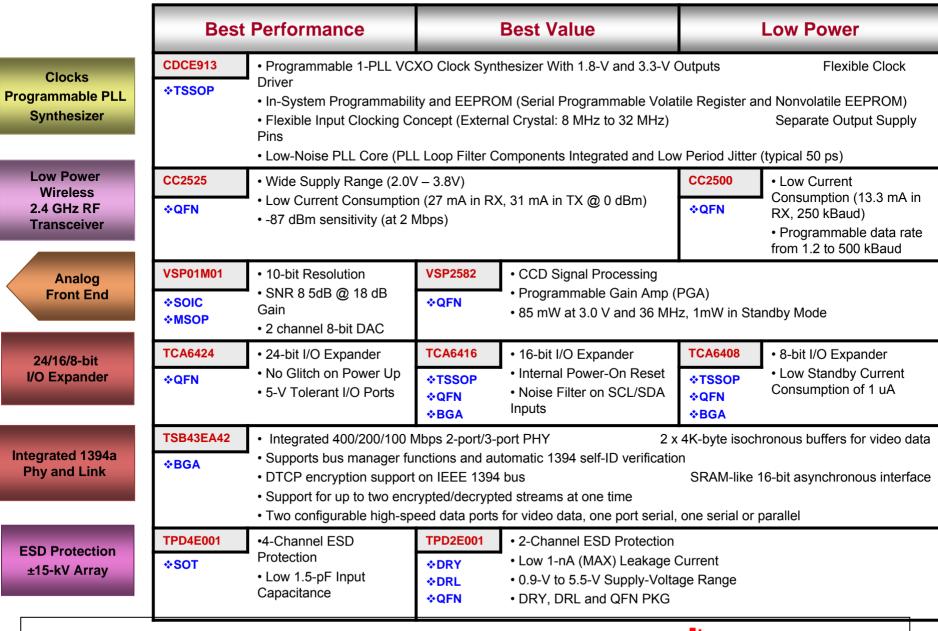
Complimentary Analog Products for the TMS320DM365 Digital Media Processor

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	Best Performance		Best Value		Low Power	
Video Amplifier	THS7315	• 3 SDTV Video Amplifiers for CVBS, S-Video, Y'U'V etc • 5.2V/V Gain (14.3dB)	OPA361	3V Video Amp with Internal Gain and Filter Rail-to-Rail Output		
	*SOIC		♦ SC70	2-Pole Reconstruction FilteIntegrated Level ShifterInput Range Includes Ground	Shutdown Current: 1.5uA	
	TPA2013D1	Constant Output Power	TPA2010D1	•2.5-W MONO Filter Free	TPA2006D1	• 1.45-W MONO Class-D
Class-D Amplifier	∻DSBGA ∻QFN	 1.8-V to 5.5-V Operation 2.2-W into an 8-Ω Load from a 3.6-V Supply 	*DSBGA	Class-D • Efficiency: 88% at 400mW, 80% at 100mW • Improved CMRR, PSRR	*SON	2.8-mA Quiescent Current0.5-uA Shutdown Current
Low Power	REF50xx	Low Temperature Drift	REF33xx	• Low Supply Current: 3.9uA	Low Supply Current: 3.9uA (typ)	
Voltage Ref	\$SOIC \$MSOP	(3ppm/°C (max)) • High Accuracy: .05% max • Low Noise (3uVPP/V)	\$SOIC \$MSOP	Low Temperature Drift: 30p High Initial Accuracy: ±0.15		
Audio Codec's	AIC3107	Stereo CODEC with	AIC3104	Stereo Audio DAC+ADC	AIC3254	• 4.1 mW Stereo 48ksps
Low-Power Stereo	⊹QFN	Integrated MONO Class-D Amp • Audio ADC + Audio DAC • Seven Audio Input Pins	∻QFN	Six Audio Output DriversAutomatic Gain Control14mW Stereo 48-kHz PB	∻QFN	DAC Playback • 6.1 mW Stereo 48 ksps ADC Record • Low Power Bypass
Video DAC (Decoder)	TVP5150	Ultralow-Power NTSC/PAL Video Decoder			Macrovision Copy Protection Detection	
	*TQFP	 Two Composite Inputs or One S-Video Input VBI Modes Supported Include: Teletext, Wide Screen Signaling, etc Ultralow Power Consumption: 113 mw (typical) Power-Down Mode: <1 mW 				
Low Power	TSC2008	 1.2V to 3.6V, 12-Bit, Nanopower, 4-Wire Micro TOUCH SCREEN CONTROLLER with SPI™ Effective Throughput Rate: Up to 20kHz (8-Bit) or 10kHz (12-Bit) 1.5 x 2 WCSP-12 and 4 x 4 QFN-16 Packages Low Power (12-Bit, 8.2kHz Eq Rate): 30.4mA at 1.2V, fSCLK = 5MHz 44.6mA at 2.7V, fSCLK = 10MHz 				
Touch Screen Controller	∜QFN ∜DSBGA					
Low Power	TMP102	Low Quiescent Current – 10 uA (MAX)			12-bit Resolution	
Digital Temp Sensor	*SOT	 10 uA (MAX) shutdown current Accuracy: 0.5°C (–25°C to +85°C) 				Supply Range: 1.4V to 3.6V
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Complimentary Analog Products for the TMS320DM365 Digital Media Processor



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