

High Quality Replacement Products



CADEKA continues to manufacture devices discontinued by original suppliers such as Comlinear Corporation, Fairchild, KOTA Microcircuits, Raytheon, and Signal Processing Technologies. With a few exceptions, CADEKA Replacement Products are manufactured using the exact die, assembly house, test program, test hardware and system as used by the original supplier. Most of our staff of test engineers, manufacturing operators, as well as designers, has intimate knowledge of CADEKA Replacement Products.

CADEKA REPLACEMENT PRODUCTS

- Over 1.5 million finished products in stock
- All CADEKA Replacement Products are direct from our factory and are 100% certified
- 100% guaranteed to meet original manufacturers' specifications

Video Encoders, Decoders, Filters, Digitizers, etc.

Part Number	Short Description	Status*
TMC2011	Variable-Length Shift Register	Production
TMC2111	Variable-Length Shift Register	Production
TMC2072	Genlocking Video Digitizer	Limited Supply
TMC2192	10-bit Encoder	Limited Supply
TMC2193	10-bit Encoder	Limited Supply
TMC22071	Genlocking Video Digitizer	Limited Supply
TMC22091	Digital Video Encoders/Layering Engine	Production
TMC22051	Multistandard Digital Video Decoder	Production
TMC22191	Digital Video Encoders/Layering Engine	Production
TMC2242	Digital Half-Band Interpolating/Decimating Filter	Production
TMC2246	Image Filter	Production
TMC2249	Digital Mixer	Production
TMC2250	Matrix Multiplier	Production
TMC2330	16 x 16-bit, 40MOPS Coordinate Transformer	Production
TMC2490A	Multistandard Digital Video Encoder	Production
TMC2491A	"Digital Video Encoder with Macrovision™ Copy Protection"	Production
TMC22153	Multistandard Digital Video Decoder	Production

Sample/Hold and Track/Hold Amplifiers

Part Number	Short Description	Status*
SPT9101	125MSPS Sample and Hold Amplifier	Limited Supply
SPT9110	100MSPS Single-to-Differential Track and Hold	Limited Supply

Notes: * Production "status" may change without notice, consult CADEKA or www.cadeka.com for latest information.

High-Speed Comparators

Part Number	Short Description	Status*
SPT9687	Dual Ultrafast Voltage Comparator	Limited Supply
SPT9689	Dual Ultrafast Voltage Comparator	Limited Supply
SPT9691	Wide Input Voltage, JFET Comparator	Limited Supply
SPT9693	Wide Input Voltage, JFET Comparator	Limited Supply

High-Speed Amplifiers

Part Number	Short Description	Status*
NCS2500	200MHz Amplifier with Disable	Production
NCS2510	1.4GHz Amplifier	Production
NCS2511	1GHz Amplifier	Production
NCS2530A	Triple 200MHz Amplifier	Production
NCS2550	200MHz Amplifier	Production
NCS2551	500MHz Amplifier	Production
NCS2552	750MHz Amplifier	Production
KM4100	260MHz Amplifier	Production
KM4101	260MHz Amp w/disable	Production
KM4110	75MHz Amplifier	Production
KM4120	75MHz Amp w/disable	Production
KM4111	35MHz Amplifier	Production
KM4121	35MHz Amp w/disable	Production
KM4112	7.3MHz Amplifier	Production
KM4210	Dual, 75MHz Amplifier	Production
KM4211	Dual, 35MHz Amplifier	Production
KM4212	Dual, 7.3MHz Amplifier	Production

Replacement Products *(Continued)*



Analog to Digital Converters

Part Number	Short Description	Status*
SPT1175	8-bit, 20MSPS ADC	Limited Supply
SPT574	12-bit, 25 μ ADC	Limited Supply
SPT674	12-bit, 15 μ ADC	Limited Supply
SPT7610	6-bit, 1GSPS Flash ADC	Limited Supply
SPT7710	8-bit, 150MSPS Flash ADC	Limited Supply
SPT7720	8-bit, 200MSPS ADC	Limited Supply
SPT7721	8-bit, 250MSPS ADC	Production
SPT7722	8-bit, 250MSPS ADC	Production
SPT7725	8-bit, 300MSPS Flash ADC	Limited Supply
SPT7730	8-bit ADC	Limited Supply
SPT7734	8-bit, 40MSPS 175mW ADC	Production
SPT774	12-bit, 8 μ s ADC	Limited Supply
SPT7750	8-bit, 500MSPS Flash ADC	Limited Supply
SPT7755	8-bit, 750MSPS Flash ADC	Limited Supply
SPT7760	8-bit, 1GSPS Flash ADC	Limited Supply
SPT7810	10-bit, 20MSPS ADC	Limited Supply
SPT7814	10-bit, 40MSPS ADC	Limited Supply
SPT7820	10-bit, 20MSPS ADC	Limited Supply
SPT7824	10-bit, 40MSPS ADC	Limited Supply
SPT7830	10-bit, 2.5MSPS ADC	Limited Supply
SPT7835	10-bit, 5MSPS, 75mW ADC	Limited Supply
SPT7840	10-bit, 10MSPS, 100 mW ADC	Limited Supply
SPT7850	10-bit, 20MSPS, 140mW ADC	Limited Supply
SPT7851	10-bit, 20MSPS, 79mW ADC	Limited Supply
SPT7852	Dual 10-bit, 20MSPS, 160mW ADC	Limited Supply
SPT7853	Triple, 10-bit, 30MSPS ADC	Limited Supply
SPT7855	10-bit, 25MSPS, 135mW ADC	Production
SPT7860	10-bit, 40MSPS, 175mW ADC	Production
SPT7861	10-bit, 40MSPS, 160mW ADC	Production
SPT7862	Dual 10-bit, 40 MSPS ADC	Production
SPT7863	10-bit, 40MSPS, 160mW ADC	Production
SPT7864	10-bit, 40MSPS ADC	Limited Supply
SPT7866	10-bit, 60MSPS ADC	Limited Supply
SPT7871	10-bit, 100MSPS ADC	Limited Supply

ADCs *(Continued)*

Part Number	Short Description	Status*
SPT7920	12-bit, 10MSPS ADC	Limited Supply
SPT7921	12-bit, 20MSPS ADC	Limited Supply
SPT7922	12-bit, 30MSPS ADC	Limited Supply
SPT7935	12-bit, 20MSPS, 79mW ADC	Limited Supply
SPT7936	12-bit, 28MSPS Sampling ADC	Limited Supply
SPT7937	12-bit, 28MSPS, 170 mW ADC	Limited Supply
SPT7938	12-bit, 40MSPS, 170mW ADC	Limited Supply
SPT8100	16-bit, 5MSPS CMOS ADC	Limited Supply
TMC1103	Triple Video ADC with Clamps	Limited Supply
TMC1203	Triple 8-bit, 50MSPS Video ADC	Limited Supply
TMC1175	8-bit, 40MSPS Video ADC	Limited Supply

Digital to Analog Converters

Part Number	Short Description	Status*
FMS3110	Triple 10-bit Video DAC	Production
FMS3115	Triple 10-bit Video DAC	Production
FMS3810	Triple 8-bit Video DAC	Production
FMS3815	Triple 8-bit Video DAC	Production
FMS3818	Triple 8-bit Video DAC	Production
SPT1018	8-bit, 275MWPS DAC	Limited Supply
SPT1019	8-bit, 275MWPS DAC w/Reference	Limited Supply
SPT5140	8-bit, 400MWPS DAC	Limited Supply
SPT5220	10-bit, 80MWPS DAC	Limited Supply
SPT5240	10-bit, 400MWPS DAC	Limited Supply
SPT5310	12-bit, 250MWPS DAC	Limited Supply
SPT5400	13-bit Octal DAC	Limited Supply
SPT5420	Octal, 13-bit DAC w/HV output	Limited Supply
SPT5510	16-bit, 200 MWPS DAC	Limited Supply
SPT9712	12-bit, 100MWPS ECL DAC	Limited Supply
SPT9713	12-bit, 100MWPS TTL DAC	Limited Supply
TMC3003	Triple 10-bit Video DAC	Production
TMC3033	Triple 10-bit Video DAC	Production
TMC3503	Triple 8-bit Video DAC	Production
TMC3533	Triple 8-bit Video DAC	Production

Notes: * Production "status" may change without notice, consult CADEKA or www.cadeka.com for latest information.

For additional information regarding our products, please visit us at: cadeka.com

CADEKA Headquarters Loveland, Colorado
T: 970.663.5452
T: 877.663.5452 (toll free)

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