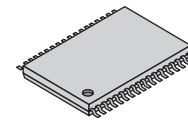


CMD HDMI PORT PROTECTION AND INTERFACE DEVICES

- 0.05pF matching capacitance between the TMDS intra-pair
- Simplified layout for HDMI connectors
- Matched 0.5mm trace spacing (TSSOP)
- Level shifting/isolation circuitry

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	Channel Clamp Voltage	Dynamic Resistance	Price Each			
						1	10	50	100
Receiver Port Protection (CM2021 Series) • Backdrive protection • Storage Temp. Range -65 to +150°C • Op. Temp. Range -40 to +85°C									
748-CM2021-00TR	CM2021-00TR	TSSOP-38	±8kV (min)	-2.1 to +10.8	0.9 to 1.4	1.65	1.51	1.38	1.24
748-CM2021-02TR	CM2021-02TR	TSSOP-38	±8kV (min)	-2 to +11	0.9 to 1.2	1.13	1.02	.91	.86
Transmitter Port Protection (CM2020 Series) • Overcurrent output protection									
748-CM2020-00TR	CM2020-00TR	TSSOP-38	±8kV (min)	- - -	- - -	1.28	1.15	1.02	.97

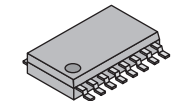


CMD IEEE 1284 PARALLEL PORT ESD/EMI/TERMINATION NETWORKS: PACS SERIES

- 17 EMI filters
- 17 terminators with choice of resistor values

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	Value (Ω)	Temperature Range		Price Each			
					Storage	Operating	1	10	50	100
748-PACSZ1284-04QR	PACSZ1284-04QR	QSOP-28	±30kV	2.2K	-40~+150°C	-40~+85°C	.84	.77	.70	.63
748-PACSZ1284-02QR	PACSZ1284-02QR	QSOP-28	±30kV	4.7K	-40~+150°C	-40~+85°C	.84	.77	.70	.63

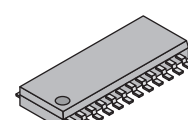


CMD UPSTREAM USB PORT TERMINATORS: PACU SERIES

- Compact SC70 or SOT23 package saves board space and lowers manufacturing costs compared to discrete solutions
- One upstream USB port terminator, EMI filter & transient overvoltage protector in a single surface mount package

For quantities of 500 and up, call for quote.

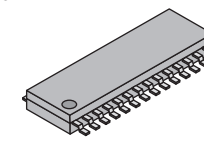
MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	Value (Ω)	Temperature Range		Price Each			
					Storage	Operating	1	50	100	500
748-PACUSB-U3R	PACUSB-U3R	SC70-6	±15kV	22	-65~+150°C	-40~+85°C	.48	.44	.40	.36
748-PACUSB-U2R	PACUSB-U2R	SC70-6	±15kV	33	-65~+150°C	-40~+85°C	.48	.44	.40	.36
748-PACUSB-U3Y6R	PACUSB-U3Y6R	SOT23-6	±15kV	22	-65~+150°C	-40~+85°C	.48	.44	.40	.36



CMD VGA PORT COMPANION CIRCUITS

- Includes ESD protection, level-shifting, buffering and sync impedance matching
- 7 channels of ESD protection
- Bi-directional level shifting N-channel FETs provided for DDC_CLK & DDC_DATA channels

MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	R out (Ω)	Temperature Range		Price Each			
					Storage	Operating	1	10	50	100
CM2009 Series										
748-CM2009-02QR	CM2009-02QR	QSOP-16	±8kV	15	-40~+85°C	-40~+85°C	.59	.53	.47	.45
748-CM2009-00QR	CM2009-00QR	QSOP-16	±8kV	65	-40~+85°C	-40~+85°C	.66	.59	.53	.50
PACVGA200 Series										
748-PACVGA200QR	PACVGA200QR	QSOP-24	±8kV	75	-65~+150°C	-0~+70°C	1.20	1.10	1.00	.90



CMD VGA PORT COMPANION CIRCUIT FOR MONITOR: CM2006 SERIES

- 2 channels of ESD protection (CM1263-02SE)
- 0.85 pF loading capacitance per channel typical (CM1263-02SE)
- 6 channels of ESD protection (CM1263)
- 1pF loading capacitance per channel typical (CM1263)

For quantities of 500 and up, call for quote.

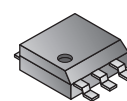
748-CM2006-02QR	CM2006-02QR	QSOP-16	±8kV	- - -	-65~+150°C	-40~+85°C	.59	.53	.47	.45
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CMD 400MA SMARTOR™ REGULATOR WITH VAUX SWITCH: CMPWR330 SERIES

- Continuous 3.3V output from three inputs
- Built-in hysteresis when selecting input supplies
- Thermal overload shutdown protection
- Complete power management solution
- Integrated switch has very low RDS(ON) resistance of 0.25Ω (TYP)
- VCC, VSBY regulator supplies 400mA output
- Foldback current limiting protection

For quantities of 500 and up, call for quote.

748-CMPWR330SF	CMPWR330SF	SOIC-8	±2000V	- - -	-40~+150°C	- - -	.75	.69	.63	.56
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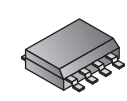


CMD DUAL INPUT SMARTOR™ POWER SWITCH: CMPWR025 SERIES

- Implements logical "Input VCC1 OR Input VCC2"
- Provides up to 600mA output current
- User-selectable hysteresis for supply selection
- Integrated low impedance switches (0.2Ω TYP)
- Glitch-free output during supply switching transitions
- Operating supply range from 2.8V to 5.5V
- Low operating supply current of 20IA (TYP)

For quantities of 500 and up, call for quote.

748-CMPWR025R	CMPWR025R	MSOP-8	±2000V	- - -	-65~+150°C	- - -	.87	.80	.73	.65
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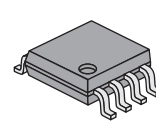


CMD DDR VDDQ AND VTT TERMINATION VOLTAGE REGULATORS

- 1.7V to 2.8V adjustable VDDQ output voltage
- Dual purpose ADJ/Shutdown pin
- Fast transient response
- 0.85V to 1.4V VTT output voltage (tracking at 50% of VDDQ)
- Built-in over-current limit & thermal shutdown for VDDQ and VTT
- Low quiescent current
- 500mV typical VDDQ dropout voltage at 2A
- Enable VTT pin for sleep or suspend to RAN function (CM3212)
- Buffered VREF output (CM3212)
- Excellent load and line regulation, low noise

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	Supply Voltage	Junction Operating Temp (°C)	Price Each				
						1	10	50	100	
CM3202-02 Series										
748-CM3202-02DE	CM3202-02DE	TDFN-8	±2000V	3.0V-3.6V	-40 to +70	1.02	.94	.85	.77	
CM3202 Series										
748-CM3202-00DE	CM3202-00DE	TDFN-8	±2000V	3.1V-3.6V	-40 to +70	.90	.83	.75	.68	
CM3212 Series										
748-CM3212-02DE	CM3212-02DE	TDFN-8	±2000V	3.0V-3.6V	-40 to +150	1.05	.96	.88	.79	

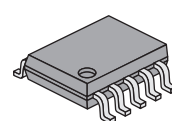


CMD 2 AMP SOURCE/ SINK BUS TERMINATION REGULATOR: CM3106 SERIES

- Ideal for DDR-I and DDR-II VTT applications
- Over current protection
- Excellent accuracy (0.5% load regulation)
- Sinks and sources 2.0A for DDR-I
- Over temperature protection

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	CMD Part Number	Package	ESD Protection (IEC)	Price Each			
				1	10	50	100
748-CM3106-12SM	CM3106-12SM	SOIC-8	- - -	1.05	.96	.88	.79



CMD LOW NOISE CHARGE PUMP AND LINEAR REGULATOR: CM3702 SERIES

- Low noise regulator with integrated charge pump voltage-booster
- Low noise in 20Hz to 20kHz audio band
- Stable with low-ESR ceramic or tantalum capacitors
- 5V output with input voltage as low as 3.0V
- Up to 200mA continuous output current
- Charge pump can also power external LDO
- Low operating and shutdown currents

For quantities of 500 and up, call for quote.

748-CM3702-50MR	CM3702-50MR	MSOP-10	±2000V	1.23	1.13	1.03	.92
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