

LINEAR TECHNOLOGY		DigitReal (Cont.)		INTERFACE			
Digi-Key Part No.	Description	Pkg.	Price Each★				
			1	25	100		
LTC2856IMS8-2#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	8-MSOP	2.87	2.05	1.69		
LTC2857CIMS8-1#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	8-MSOP	2.56	1.83	1.51		
LTC2857CIMS8-1#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	8-MSOP	2.06	2.19	1.81		
LTC2857CIMS8-2#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	8-MSOP	2.56	1.83	1.51		
LTC2857IMS8-2#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	8-MSOP	3.06	2.19	1.81		
LTC2858CIMS-1#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	10-MSOP	2.56	1.83	1.51		
LTC2858CIMS-2#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	10-MSOP	2.56	1.83	1.51		
LTC2858IMS-2#PBF-ND	20Mbps 15KV RS485/RS422 Transceiver*	10-MSOP	3.06	2.19	1.81		
LTC2859CDD#PBF-ND	20Mbps RS485 Transceiver*	10-DFN	2.63	1.88	1.55		
LTC2859IDD#PBF-ND	20Mbps RS485 Transceiver*	10-DFN	3.16	2.26	1.86		
LTC2861CG#PBF-ND	20Mbps RS485 Transceiver*	16-SSOP	3.87	2.05	1.69		
LTC2861IG#PBF-ND	20Mbps RS485 Transceiver*	16-SSOP	4.25	2.47	2.04		

CAN — RoHS Compliant

LT1796CS8#PBF-ND	Overvoltage Fault Protected CAN Transceiver	8-SOIC	2.48	1.65	1.37	
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Multiprotocol

Digi-Key Part No.	Description	Pkg.	Price Each★			
			1	25	100	
LTC1321CSW#PBF-ND	RS485/RS232/EIA562 Xcvr./Receiver, Ind. Temp.*	24-SOIC	7.23	4.84	3.85	
LTC1322CSW#PBF-ND	RS485/RS232/EIA562 Transceiver/Receiver*	24-SOIC	8.26	5.50	4.42	
LTC1334CG#PBF-ND	CMOS 5V, RS232/RS485 Multiprotocol Transceiver*	28-SSOP	10.74	7.14	6.16	
LTC1334CNW#PBF-ND	CMOS 5V, RS232/RS485 Multiprotocol Transceiver*	28-Dip	10.12	6.74	5.79	
LTC1334CSW#PBF-ND	CMOS 5V, RS232/RS485 Multiprotocol Transceiver*	28-SOIC	10.12	6.74	5.79	
LTC1334IG#PBF-ND	CMOS 5V, RS232/RS485 Multiprotocol Transceiver*	28-SSOP	12.39	8.23	7.07	
LTC1334ISW#PBF-ND	CMOS 5V, RS232/RS485 Multiprotocol Transceiver*	28-SOIC	11.77	7.85	6.74	
LTC1343CGW#PBF-ND	Software Selectable Multiprotocol Transceiver*	44-SSOP	19.41	12.93	11.07	
LTC1343IGW#PBF-ND	Software Selectable Multiprotocol Transceiver*	44-SSOP	22.30	14.82	11.90	
LTC1344ACG-ND	Multiprotocol Cable Terminator	24-SSOP	11.26	7.48	6.63	
LTC1344ACG#PBF-ND	Multiprotocol Cable Terminator*	24-SSOP	11.26	7.48	6.63	
LTC1344CG#PBF-ND	Multiprotocol Cable Terminator*	24-SSOP	11.26	7.48	6.63	
LTC1344IG#PBF-ND	Multiprotocol Cable Terminator*	24-SSOP	12.91	8.58	6.90	
LTC1345CNW-ND	Single Supply V.35 Differential Transceiver	28-Dip	11.47	7.65	6.12	
LTC1346ACS#PBF-ND	10Mbps DCE/DTE V.35 Transceiver*	24-SOIC	10.23	6.82	5.87	
LTC1387CG#PBF-ND	5V, Single RS232/RS485 Transceiver*	20-SSOP	7.54	5.04	4.30	
LTC1387CSW#PBF-ND	5V, Single RS232/RS485 Transceiver*	20-SOIC	7.02	4.67	4.01	
LTC1387IG#PBF-ND	5V, Single RS232/RS485 Transceiver Ind. Temp.*	20-SSOP	8.67	5.79	4.96	
LTC1387ISW#PBF-ND	5V, Single RS232/RS485 Transceiver Ind. Temp.*	20-SOIC	8.05	5.37	4.63	
LTC1543CG#PBF-ND	Software-Selectable Multiprotocol Transceiver*	28-SSOP	12.29	8.16	6.16	
LTC1544CG#PBF-ND	Software-Selectable Multiprotocol Transceiver*	28-SSOP	10.12	6.72	5.09	
LTC1545CG-ND	Software-Selectable Multiprotocol Transceiver*	36-SSOP	11.88	7.89	5.95	
LTC1545CG#PBF-ND	Software-Selectable Multiprotocol Transceiver*	36-SSOP	11.88	7.89	5.95	
LTC1546CG#PBF-ND	Software-Selectable Multiprotocol Transceiver*	28-SSOP	19.62	13.03	10.08	
LTC2844CG#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	28-SSOP	9.81	6.52	5.09	
LTC2845CG#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	36-SSOP	11.47	7.62	5.95	
LTC2845CUHF#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	38-DFN	11.88	7.94	6.78	
LTC2845IHF#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	38-DFN	14.04	9.38	8.02	
LTC2846CG#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	36-SSOP	19.62	14.02	11.55	
LTC2847IHF#PBF-ND	3.3V Software-Selectable Multiprotocol Transceiver*	38-DFN	21.17	14.13	12.11	

PC and SMBus

LTC1694CS#TRMBPCT-ND	Dual SMBus Accelerator*	TSOT-23-5	2.61	2.34	2.11	
LTC1694CS#TRMBPCT-ND	Dual SMBus Accelerator*	TSOT-23-5	583.43/500			
LTC1694-1ISS#TRMBPCT-ND	SMBus/PC Accelerator*	TSOT-23-5	3.07	2.75	2.48	
LTC1694-1ISS#TRMBPCT-ND	SMBus/PC Accelerator*	TSOT-23-5	272.84/500			
LTC4300-1CMS8#PBF-ND	Hot Swap 2-Wire Bus Buffer*	8-MSOP	2.89	1.95	1.66	
LTC4300A-1CMS8#PBF-ND	Hot Swap 2-Wire Bus Buffer*	8-MSOP	2.89	1.95	1.66	
LTC4301CDD#PBF-ND	Hot Swapable 2-Wire Bus Buffer*	8-DFN	3.30	2.20	1.82	
LTC4301CMS8#PBF-ND	Hot Swapable 2-Wire Bus Buffer*	8-MSOP	3.21	2.13	1.74	
LTC4301LCMS8#PBF-ND	Hot Swapable 2-Wire Bus Buffer*	8-MSOP	3.30	2.27	1.95	
LTC4302CMS-1#PBF-ND	Addressable 2-Wire Bus Buffer*	10-MSOP	4.13	2.75	2.24	
LTC4303CMS#PBF-ND	Hot Swapable 2-Wire Bus Buffer*	8-MSOP	3.47	2.48	2.05	
LTC4304CMS#PBF-ND	Hot Swapable 2-Wire Bus Buffer*	10-MSOP	3.63	2.60	2.14	
LTC4305CGN#PBF-ND	2-Channel, 2-Wire Bus Multiplexer*	16-SSOP	4.63	3.31	2.72	
LTC4305IGN#PBF-ND	2-Channel, 2-Wire Bus Multiplexer*	16-SSOP	5.53	3.96	3.26	
LTC4306CGN#PBF-ND	4-Channel, 2-Wire Bus Multiplexer*	24-SSOP	5.78	4.14	3.41	
LTC4306CUF#PBF-ND	4-Channel, 2-Wire Bus Multiplexer*	24-DFN	5.87	4.19	3.46	
LTC4306IGN#PBF-ND	4-Channel, 2-Wire Bus Multiplexer*	24-SSOP	6.94	4.96	4.09	
LTC4306IUF#PBF-ND	4-Channel, 2-Wire Bus Multiplexer*	24-DFN	7.02	5.02	4.14	
LTC4307CDD-1#PBF-ND	HDMI Level-Shifting 2-Wire Bus Buffer*	8-DFN	3.55	2.54	2.09	
LTC4307CMS8-1#PBF-ND	HDMI Level-Shifting 2-Wire Bus Buffer*	8-MSOP	3.55	2.54	2.09	
LTC4307IDD#PBF-ND	Low Offset Hot Swapable 2-Wire Bus Buffer*	8-DFN	4.25	3.04	2.51	
LTC4307IDD-1#PBF-ND	HDMI Level-Shifting 2-Wire Bus Buffer*	8-DFN	4.25	3.04	2.51	
LTC4307IMS8#PBF-ND	Low Offset Hot Swapable 2-Wire Bus Buffer*	8-MSOP	4.25	3.04	2.51	
LTC4307IMS8-1#PBF-ND	HDMI Level-Shifting 2-Wire Bus Buffer*	8-MSOP	4.25	3.04	2.51	
LTC4308CDD#PBF-ND	HDMI Level-Shifting Hot Swap 2-Wire Bus Buffer*	8-DFN	4.25	3.04	2.51	
LTC4308IMS8#PBF-ND	Low Volt. Level Shifting Hot Swap 2-Wire Bus Buffer*	8-MSOP	4.25	3.04	2.51	
LTC4308IMS8-1#PBF-ND	Low Volt. Level Shifting Hot Swap 2-Wire Bus Buffer*	8-MSOP	4.25	3.04	2.51	
LTC4309CDE#PBF-ND	Level Shifting Hot Swapable 2-Wire Bus Buffer*	12-DFN	3.72	2.66	2.19	
LTC4309CGN#PBF-ND	Level Shifting Hot Swapable 2-Wire Bus Buffer*	16-SSOP	3.72	2.66	2.19	
LTC4311CDD#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	6-DFN	3.15	2.81	2.53	
LTC4311CDD#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	6-DFN	776.53/500			
LTC4311CSCG#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	SC70-6	3.15	2.81	2.53	
LTC4311CSCG#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	SC70-6	776.53/500			
LTC4311DDC#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	6-DFN	3.75	3.35	3.02	
LTC4311DDC#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	6-DFN	933.49/500			
LTC4311ISC#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	SC70-6	3.75	3.35	3.02	
LTC4311ISC#TRMBPCT-ND	Low Voltage Dual I ² C/SMBus Accelerator*	SC70-6	933.49/500			

SIM Interface

LTC1555IGN-ND	SIM Power Supply and Level Translator	16-SSOP	5.37	3.57	3.06	
LTC1555IGN#PBF-ND	SIM Power Supply and Level Translator*	16-SSOP	5.37	3.57	3.06	
LTC1556CGN-ND	SIM Power Supply and Level Translator with LDO Reg.	20-SSOP	5.16	3.43	2.98	
LTC1755EGN#PBF-ND	Smart Card Interface*	24-SSOP	4.44	2.95	2.24	
LTC1756EGN#PBF-ND	Smart Card Interface*	16-SSOP	4.03	2.68	2.03	
LTC1955EUH-ND	Dual Smart Card Interface with Serial Control	32-DFN	4.05	2.90	2.38	
LTC1955EUH#PBF-ND	Dual Smart Card Interface with Serial Control*	32-DFN	4.05	2.90	2.38	
LTC4555EUH#PBF-ND	SIM Power Supply and Level Translator*	16-DFN	1.98	1.42	1.17	

LINEAR TECHNOLOGY

SPECIALIZED ICs

Digi-Key Part No.	Description	Pkg.	Price Each★			
			1	25	100	
LT1025ACN8#PBF-ND	MPU Thermocouple Cold Junction Compensator*	8-Dip	7.60	5.05	3.93	
LT1025CN8#PBF-ND	MPU Thermocouple Cold Junction Compensator*	8-Dip	4.21	2.80	2.19	
LT1203CN8#PBF-ND	2-Input, 150MHz Video Multiplexer*	8-Dip	2.59	1.72	1.30	
LT1203CS8-ND	2-Input, 150MHz Video Multiplexer	8-SOIC	2.79	1.86	1.40	
LT1203CS8#PBF-ND	2-Input, 150MHz Video Multiplexer*	8-SOIC	2.79	1.86	1.40	
LT1204CSW#PBF-ND	4-Input Video Mux with 75MHz Current Feedback*	16-SOIC	8.05	5.37	4.47	

LINEAR TECHNOLOGY		DigitReal (Cont.)		SPECIALIZED ICs			
Digi-Key Part No.	Description	Pkg.	Price Each★				
			1	25	100		
LT1205CS8-ND	4-Input, 150MHz, Dual Video Multiplexer	16-SOIC	4.44	2.95	2.24		
LT1205CS8#PBF-ND	4-Input, 150MHz, Dual Video Multiplexer*	16-SOIC	4.44	2.95	2.24		
LT1675C6N#PBF-ND	Triple, High Speed RGB Multiplexer*	16-SSOP	5.48	3.64	2.94		
LT1675C8N8-1#PBF-ND	Single, High Speed RGB Multiplexer*	8-MSOP	3.72	2.47	1.90		
LT1675C8N8-1#PBF-ND	Single, High Speed RGB Multiplexer*	8-SOIC	4.41	2.27	1.71		
LTC1041CN8#PBF-ND	CMOS Bang-Bang Controller*	8-Dip	2.79	1.86	1.57		
LTC1043CN#PBF-ND	Dual, Precision Instr. Switched-Cap Building Block*	18-Dip	4.71	3.13	2.44		
LTC1043CSW#PBF-ND	Dual, Precision Instr. Switched-Cap Building Block*	18-SOIC	4.96	3.30	2.57		
LTC1045CN#PBF-ND	Prog. uPower Hex Translator/Receiver/Driver*	20-Dip	4.34	2.90	2.44		
LTC1045CSW#PBF-ND	Prog. uPower Hex Translator/Receiver/Driver*	20-SOIC	6.82	4.55	3.93		
LTC1923EUH#PBF-ND	High Efficiency Thermoelectric Cooler Controller*	32-DFN	32.47	23.19	19.10		
LTk001ACN8#PBF-ND	Thermocouple Compensated IC/Amp Kit (5°C Error)*	8-Dip	7.80	—	—		
LTk001CN8#PBF-ND	Thermocouple Compensated IC/Amp Kit (2°C Error)*	8-Dip	4.08	—	—		

SEMTECH INTERNATIONAL AG



CIRCUIT PROTECTION

RoHS Compliant

Digi-Key Part No.	Description	Pkg.	Price Each★			
			1	25	100	

ESD/EMI Protection

ECLAMP2342NCT-ND	ESD/EMI Protection for Color LCD Interfaces	16-DFN	.83	.57	.49	
ECLAMP2342NTR-ND	ESD/EMI Protection for Color LCD Interfaces	16-DFN	1304.82/3,000			
ECLAMP2357NCT-ND	EMI Filter/ESD Prot. for Secure Digital Card Interface	16-DFN	1.01	.68	.59	
ECLAMP2357NTR-ND	EMI Filter/ESD Prot. for Secure Digital Card Interface	16-DFN	1572.48/3,000			
ECLAMP2465TCT-ND	ESD/EMI Protection for SIM Card	SLP1713P8T	5.4	.37	.31	
ECLAMP2465TTR-ND	ESD/EMI Protection for SIM Card	SLP1713P8T	836.43/3,000			

Surge Protection

LC01-6CT-ND	Low Cap. TVS for HS Telecommunication Systems	16-SOIC	5.91	3.98	3.41	
LC01-6TR-ND	Low Cap. TVS for HS Telecommunication Systems	16-SOIC	3066.90/1,000			
LC03-3-3CT-ND	Low Capacitance 3.3V TVS for High Speed Interfaces	8-SOIC	2.36	1.60	1.37	
LC03-3-3TR-ND	Low Capacitance 3.3V TVS for High Speed Interfaces	8-SOIC	613.38/500			
LC03-6CT-ND	Low Capacitance TVS for High Speed Data Interfaces	8-SOIC	5.29	3.18	2.45	
LC03-6TR-ND	Low Capacitance TVS for High Speed Data Interfaces	8-SOIC	529.74/500			
LDCDA12C-1CT-ND	Low Capacitance TVS High Speed Data Interfaces	SOT-143	1.69	1.15	.98	
LDCDA12C-1TR-ND	Low Capacitance TVS High Speed Data Interfaces	SOT-143	2643.11/3,000			
LDCDA24C-1CT-ND	Low Capacitance TVS High Speed Data Interfaces	SOT-143	78	53	45	
LDCDA24C-1TR-ND	Low Capacitance TVS High Speed Data Interfaces	SOT-143	1204.45/3,000			