

产品选型手册

PRODUCT SELECTION GUIDE

V2.0

信路达信息技术（厦门）有限公司

XINLUDA INFORMATION TECHNOLOGY(XIAMEN)CO.,LTD



信路达XINLUDA成立于2018年，是以集成电路设计，产品应用方案开发，销售为一体全产业链的高新技术企业，能为客户提供一站式服务。

研发总部位于集成电路集聚地厦门，公司已通过国家高新企业及集成电路设计企业认证，销售服务中心设于深圳。

公司产品专注于模拟，逻辑，数模混合，以及通讯接口/CAN芯片，产品覆盖于工控，家电，新能源，汽车等多种应用领域。信路达拥有自主知识产权，并有一支高效技术开发服务及营销管理团队。

信路达同时追求产品每一项性能测试技术和严苛极致应用环境探索。以国际行业最高标准严格完善品质保证体系服务每一个客户

XINLUDA was founded in 2018 and is a high-tech enterprise that integrates integrated circuit design, product application solution development, and sales throughout the entire industry chain. It can provide customers with one-stop services.

The R&D headquarters is located in Xiamen, a hub for integrated circuits. The company has obtained certification as a national high-tech enterprise and integrated circuit design enterprise, and its sales service center is located in Shenzhen.

The company's products focus on simulation, logic, mixed digital and analog, as well as communication interface/CAN chips, covering various application fields such as industrial control, home appliances, new energy, and automobiles.

Xinluda has independent intellectual property rights and an efficient technology development service and marketing management team.

Xinluda simultaneously pursues every performance testing technology and rigorous exploration of extreme application environments for its products. Strictly improve the quality assurance system to serve every customer with the highest international industry standards

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CAN Bus Controller

Parts No.	Description	Supply Voltage (V)	Ch	FIFO	Data Rate(CAN)	Package
XL1000	Stand-alone CAN controller	4.5-5.5	1	64 Byte	1Mbps	SOP-28
XL2515	Stand-alone CAN controller	2.7-5.5	1	-	1Mbps	SOP-18
XL2515-TSS	Stand-alone CAN controller	2.7-5.5	1	-	1Mbps	TSSOP-20
XL2515QF20	Stand-alone CAN controller	2.7-5.5	1	-	1Mbps	QFN-20
XD2515	Stand-alone CAN controller	2.7-5.5	1	-	1Mbps	DIP-18
XLP2518FD	Stand-alone CAN controller	2.7-5.5	1	31FIFOs	8Mbps	SOP14 VDFN14

CAN Bus Transceiver

Parts No.	Category	Low Power Mode	V _{cc} (V)	V _{io} (V)	I _{cc} @Low Power Mode	Voltage on Bus Pin (V)	ESD HBM (KV)	Pkg
XL65HVD23 1DR	High Speed	Sleep	3.3	3.3	40nA	-4~+16	±8 CAN PIN	SOP-8
XL65HVD23 0DR	High Speed	Standby	3.3	3.3	370μA	-4~+16	±8 CAN PIN	SOP-8
XL1049T3	FD	Standby	4.5-5.5	3.3 5.0	10μA	±58	±8	SOP-8
XLA1044GT	FD	Standby	4.5-5.5	5V	15μA	±42	±8	SOP-8
XLA1044T1	High Sppeed	Standby	4.5-5.5	5V	15μA	±42	±8	SOP-8
XL1044T3	FD	Standby	4.5-5.5	3.3 5.0	15μA	±40	±8	SOP-8
XLA1042T1	FD	Standby	4.5-5.5	SPLIT 5V	15μA	±58	±8	SOP-8
XL1042T3	FD	Standby	4.5-5.5	3.3 5.0	5μA	±58	±8	SOP-8
XL1040	High Speed	Standby	4.5-5.5	SPLIT 5.0	20μA	-27~+40	±4	SOP-8

CAN Bus Transceiver

Parts No.	Category	Low Power Mode	V _{cc} (V)	V _{io} (V)	I _{cc} @Low Power Mode	Voltage on Bus Pin (V)	ESD HBM (KV)	Pkg
XL1057GT3	FD	Silent	4.5-5.5	3.3 5.0	0.3mA	±42	±8	SOP-8
XLA1057T1	FD	Silent	4.5-5.5	5.0	12μA	±42	±8	SOP-8
XLA1057GT	FD	Silent	4.5-5.5	5.0	12μA	±42	±8	SOP-8
XLA1051T1	FD	Silent	4.5-5.5	5.0	2.5mA	±58	±8	SOP-8
XL1051T3	FD	Silent	4.5-5.5	3.3 5.0	2.5mA	±58	±8	SOP-8
XL1050	High Speed	Silent	4.5-5.5	5.0	10mA	-27~+40	±8	SOP-8
XL2562T	High Speed	Standby	4.5-5.5	2.1 5.0	1μA	±42	±14	SOP-8
XL2551	High Speed	Standb	4.5-5.5	5.0	500μA	±35	±4	SOP-8
XD2551	High Speed	Standb	4.5-5.5	5.0	500μA	±35	±4	DIP-8
XL82C251	High Speed	Standby	4.5-5.5	5.0	300μA	±36	±2	SOP-8
XD82C251	High Speed	Standby	4.5-5.5	5.0	300μA	±36	±2	DIP-8
XL82C250	High Speed	Standby	4.5-5.5	5.0	210μA	±32	±2	SOP-8
XD82C250	High Speed	Standby	4.5-5.5	5.0	210μA	-8~+18	±2	DIP-8

Serial Commnication Tranceivers List

Category	PN	Supply Voltage (V)	Speed	ESD (KV)	PKG	Operation Temperature (°C)
RS232	XD3232 XL3232 XL3232K XL3232-TS	3-5.5	250KBit/s	HBM±15	DIP-16 SOP-16 SOP-16W TSSOP-16	-40~85
RS232	XD232 XL232Z XL232K XL232-TS	5.0	120KBit/s	HBM±15	DIP-16 SOP-16 SOP-16W TSSOP-16	-40~85
RS285/422	XLA3072EESA	3.3	250KBit/s	HBM±15	SOP8	-40~85
RS485/422	XD3085 XL3085	5.0	500KBit/s	HBM±15	DIP-8 SOP-8	-40~85
RS485/422	XD3485 XL3485	3.3	10MBit/s	HBM±15	DIP-8 SOP-8	-40~85
RS485/422	XD485 XL485-SS XL485CS	5.0	2.5MBit/s	HBM±15	DIP-8 SOP-8 MSOP-8	-40~85
RS485/422	XD13085 XL13085	5.0	500KBit/s	HBM±15	DIP-8 SOP-8	-40~85
RS485/422	XL75176AD XL75176AP	3.3	10MBit/s	HBM±15	DIP-8 SOP-8	-40~85

USB To Serial UART Interface

PN	Description	V _{CC1} I _{cc1}	V _{CC2} I _{cc2}	Data Rate	PKG	Operation Temperature (°C)
XLFT232BLQ	USB TO Serial UART Interface	4.35 ~5.25V 25mA typ	4.35 ~5.25V 180µA typ	TTL/RS422/RS285: 300-3M Baud, RS232: 300-1M Baud	LQFP32	0~70

Regulators, DC DC Converter

Part No.	Description	V _{in} (V)		I _{out} (Max) (A)	I _q (Typ) (mA)	V _{out} (V)		Switching Frequency (kHz)		Pkg
		Max	Min			Max	Min	Max	Min	
XL33063	1.5-A Peak Boost/Buck/Inverting Switching Regulators	3	40	1.5	4	1.25	40	-	100	SOP-8
XL34063	1.5-A Peak Boost/Buck/Inverting Switching Regulators	3	40	1.5	4	1.25	40	-	100	SOP-8
XL7660	CMOS Voltage Converters	1.5	10	0.05	0.12	-1.5	-	10K	-	SOP-8
XD33063	1.5-A Peak Boost/Buck/Inverting Switching Regulators	3	40	1.5	4	1.25	40	-	100	DIP-8
XD34063	1.5-A Peak Boost/Buck/Inverting Switching Regulators	3	40	1.5	4	1.25	40	-	100	DIP-8
XD7660	CMOS Voltage Converters	1.5	10	0.05	0.12	-1.5	-	10k	-	DIP-8
XL2594-5.0	Power Converter 150-kHz0.5-A Step-Down Voltage Regulator	4.5	40	1.5	4	3.3	37	110k	173	SOP-8
XL2594-12	Power Converter 150-kHz0.5-A Step-Down Voltage Regulator	4.5	40	0.5	5	3.3	37	110k	173	SOP-8
XL2594-ADJ	Power Converter 150-kHz0.5-A Step-Down Voltage Regulator	4.5	40	0.5	5	3.3	37	110k	173	SOP-8

Regulators, DC DC Converter

Part No.	Description	V _{in}		I _{out} (Max) (A)	I _{q(Typ)} (mA)	V _{out}		Switching Frequency (kHz)		Pkg
		Min	Max			Min	Max	Min	Max	
XH2576-3.3	3A Step-Down Voltage Regulator	4	40	3	5	3.3	37	42k	63	TO-263
XH2576-5.0	3A Step-Down Voltage Regulator	4	40	3	5	3.3	37	42	63	TO-263
XH2576-12	3A Step-Down Voltage Regulator	4	40	3	5	3.3	37	42	63	TO-263
XH2576-ADJ	3A Step-Down Voltage Regulator	4	40	3	5	3.3	37	42	63	TO-263
XH2596-3.3	Power Converter 150kHz 3A Step-Down Voltage Regulator	4.5	40	3	5	3.3	37	110	173	TO-263
XH2596-5.0	Power Converter 150kHz 3A Step-Down Voltage Regulator	4.5	40	3	5	3.3	37	110	173	TO-263
XH2596-12	Power Converter 150kHz 3A Step-Down Voltage Regulator	4.5	40	3	5	3.3	37	110	173	TO-263
XH2596-ADJ	Power Converter 150kHz 3A Step-Down Voltage Regulator	4.5	40	3	5	3.3	37	110	173	TO-263
XB61040	Low-Power DC/DC Boost Converter	1.8	6	0.4	0.028	1.8	28	50	1000	SOT23-5
XB61041	Low-Power DC/DC Boost Converter	1.8	6	0.25	0.028	1.8	28	50	1000	SOT23-5

PMW Controller

Part No.	Description	Topology	V _{CC} (Min) (V)	V _{CC} (Max) (V)	Duty cycle (Max) (9%)	UVLO thresholds on/off(V)	Frequency (Max) (kHz)	Gate drive (Typ) (A)	Package
XL2525K	Pulse Width Modulator Controller	Boost,Buck ,Flyback, Forward, Full-Bridge, Half-Bridge, Push-Pull	8	40	49	-	500	0.4	SOP-16W
XL2525Z	Pulse Width Modulator Controller		8	35	49	-	500	0.5	SOP-16
XL3525K	Pulse Width Modulator Controller		8	40	45	-	722	0.05	SOP-16W
XL3525Z	Pulse Width Modulator Controller		8	40	45	-	722	0.05	SOP-16
XL3526	Pulse Width Modulator Controller		7	35	50	7	600	0.2	SOP-18
XL3846	Current Mode PWM Controller		7.7	40	50	7.7	1000	1.5	SOP-16
XL494	Switchmode Pulse Width Modulation Controller		7	40	45	-	300	0.2	SOP-16
XD2525	Pulse Width Modulator Controller		8	35	49	-	500	0.5	DIP-16
XD3525	Pulse Width Modulator Controller		8	40	45	-	722	0.05	DIP-16
XD3526	Pulse Width Modulator Controller		7	35	50	7	600	0.2	DIP-18
XD3846	Current Mode PWM Controller		7.7	40	50	7.7/6.95	500	0.5	DIP-16
XD494	Switchmode Pulse Width Modulation Controller		7	40	49	-	300	0.2	DIP-16

PMW Controller

Part No.	Description	Topology	V _{CC} (Min) (V)	V _{CC} (Max) (V)	Duty cycle (Max) (%)	UVLO thresholds on/off(V)	Frequency (Max) (kHz)	Gate drive (Typ) (A)	Package
XL2842	Current Mode PWM	Boost,Buck, Flyback, Forward, Full-Bridge, Half-Bridge, Push-Pull	11	30	100	ON:16 OFF:10	500	0.2	SOP-8
XL2843			8.2	30	100	ON:8.4 OFF:7.6			
XL2844			8.2	30	50	ON:16 OFF:10			
XL2845			8.2	30	50	ON:8.4 OFF:7.6			
XL3842			11	30	100	ON:16 OFF:10			
XL3843			8.2	30	100	ON:8.4 OFF:7.6			
XL3844			8.2	30	50	ON:16 OFF:10			
XL3845			8.2	30	50	ON:8.4 OFF:7.6			

Reference Voltage

Part No.	Description	V _{REF}	Precision (%)	Adj Voltage (V)	Pkg
XB385M3-1.2	Micropower Voltage Reference Diode	1.235	1	1.235	SOT23-3
XB385M3-2.5	Micropower Voltage Reference Diode	2.5	3	2.5	SOT23-3
XB431-LM	Shunt Precision Zener Shunt Regulator	1.235	2	V _{ref} -30	SOT23-3
XB431-TL	Shunt Precision Programmable Voltage Reference	2.5	1.5	V _{ref} -6	SOT23-3
XL1403	Precision Low Voltage Reference	2.5	1	2.5	SOP-8
XD1403	Precision Low Voltage Reference	2.5	1	2.5	DIP-8
XL236-2.5	Shunt Reference Voltage	2.49	2	2.49	SOP-8
XL336-2.5	Shunt Reference Voltage	2.49	4	2.49	SOP-8
XL336-5.0	Shunt Reference Voltage	5	1	4-6	SOP-8
XL285-1.2	Micropower Voltage Reference Diode	1.235	1	1.235	SOP-8
XL285-2.5	Micropower Voltage Reference Diode	2.5	1.5	2.5	SOP-8
XL385-1.2	Micropower Voltage Reference Diode	1.235	1	1.235	SOP-8
XL385-2.5	Micropower Voltage Reference Diode	2.5	3	2.5	SOP-8
XT336-2.5	Shunt Reference Voltage	2.49	4	2.49	TO-92
XT336-5.0	Shunt Reference Voltage	5	1	4-6V	TO-92
XT285-2.5	Micropower Voltage Reference Diode	2.5	1.5	2.5	TO-92
XT385-1.2	Micropower Voltage Reference Diode	1.24	1	1.24-5.3	TO-92
XT385-2.5	Micropower Voltage Reference Diode	2.5	3	2.5	TO-92

Linear Rerulators

Parts No.	Description	V _{REF} (V)	Precision (%)	Adj Voltage (V)	Pkg
XL317	3-Terminal Adjustabke Regulator	1.25	1	1.2-38	SOP-8
XL217	3-Terminal Adjustable Regulator	1.25	1	1.2-38	SOP-8
XB3480M3-5.0	100mA、30VQuasiLow-Dropout Linear Voltage Regulator	5.0	5	5	SOT-23
XB3480M3-3.3	100mA、30VQuasiLow-Dropout Linear Voltage Regulator	3.3	5	3.3	SOT-23
XL78L05A	100mA、30V3-Terminal Positive Regulators	5	5	5	SOP-8
XT78L05	100mA、30V3-Terminal Positive Regulators	5	5	5	TO-92

Operational Amplifiers

Parts No.	Description	Supply Voltage (V)	Ch	V _{OS} (mV)	I _q (mA)	GBW (MHz)	CMMR (dB)	Pkg
XL158	DUAL DIFFERENTIAL INPUT OPERATIONAL AMPLIFIERS	3-32	2	5	0.35	0.7	80	SOP-8
XL258		3-32	2	5	0.35	0.7	80	SOP-8
XL258-KR		3-32	2	5	0.35	0.7	80	VSSO-P8
XD258		3-32	2	5	0.35	0.7	80	DIP-8
XL358D		3-32	2	7	0.35	0.7	80	SOP-8
XD358		3-32	2	7	0.25	1	65	DIP-8
XL358-KR		3-32	2	7	0.35	0.7	80	VSSOP-8
XL2904D	Industry-Standard Dual Operational Amplifiers	3-26	2	7	0.35	0.7	80	VSSOP-8
XL2904-KR		3-26	2	7	0.35	0.7	80	VSSOP-8
XD2904		3-26	2	7	0.35	0.7	80	DIP-8
XLV358D	Low-Voltage,Rail-to-Rail Output Operational Amplifiers	2.7-5.5	2	7	0.105	1	65	SOP-8
XLV358-MS		2.7-5.5	2	7	0.105	1	65	MSOP-8
XL124	Quad Operational Amplifiers	3-32	4	5	0.175	1.2	80	SOP-14
XD124		3-32	4	5	0.175	1.2	80	DIP-14
XD224		3-32	4	5	0.35	1.2	80	DIP-14
XL324		3-32	4	7	0.18	1	85	SOP-14
XL324TSS		3-32	4	7	0.18	1	85	TSSOP-14
XD324		3-32	4	7	0.18	1	85	DIP-14
XL224	Single Supply Quad Operational Amplifiers	3-32	4	5	0.35	1.2	80	SOP-14
XL224-TS		3-32	4	5	0.35	1.2	80	TSSOP-14

Operational Amplifiers

Parts No.	Description	Supply Voltage (V)	Ch	V _{OS} (mV)	I _q (mA)	GBW (MHz)	CMMR (dB)	Pkg
XL2902	Low PowerQuad Operational Amplifiers	3-26	4	7	0.18	1	70	SOP-14
XL2902-TS		3-26	4	7	0.18	1	70	TSSOP-14
XD2902N		3-26	4	7	0.18	1	70	DIP-14
XL3140	BiMOS Operational Amplifier with MOSFETInput/Bipolar Output	4-36	1	5	4	4.5	90	SOP-8
XD3140		4-36	1	5	4	4.5	90	DIP-8
XLA3240AE		4-36	2	5	4	4.5	90	DIP-8
XL4558	DUAL GENERAL-PURPOSE OPERATIONALAMPLIFIERS	10-30	2	6	1.25	3	90	SOP-8
XL07Z	Ultralow Offset Voltage Operational Amplifier	3-18	1	0.075	0.05	0.6	123	SOP-8
XD07		3-18	1	0.075	0.05	0.6	123	DIP-8
XL13600	Dual Operational Transconductance Amplifiers with Linearizing Diodes and Buffers	5-36	2	4	1.3	2	110	DIP-8
XD13600		5-36	2	4	1.3	2	110	DIP-16
XL13700		5-36	2	4	1.3	2	110	DIP-16
XD13700		5-37	2	4	1.3	2	100	SOP-16
XL620	Low Power Instrumentation Amplifier	4.6-36	2	1	1.3	0.12	100	SOP-8
XL833	Dual Audio Operational Amplifier	5-36	2	5	2.5	15	100	SOP-8
XD833		5-36	2	5	2.5	15	100	DIP-8
XL17358	Dual OperationalAmplifier	5-32	2	3	0.8	1	80	SOP-8
XD17358		5-32	2	3	0.8	1	80	DIP-8
XL7650-8	Super Chopper-Stabilized Operational Amplifier	4.5-16	1	0.005	2	2	120	SOP-8
XD7650-8		4.5-16	1	0.005	2	2	120	DIP-8
XD7650-14		4.5-16	1	0.005	2	2	120	DIP-14

Operational Amplifiers

Parts No.	Description	Supply Voltage (V)	Ch	V _{OS} (mV)	I _q (mA)	GBW (MHz)	CMMR (dB)	Pkg
XD4136	QUAD GENERAL-PURPOSE OPERATIONAL AMPLIFIERS	5-30	4	6	1.25	3	90	DIP-14
XD17324	QUAD OPERATIONAL AMPLIFIERS	5-32	4	2	0.8	1	80	DIP-14
XD3403	QUAD GENERAL-PURPOSE OPERATIONAL AMPLIFIERS	3-36	4	2	2.5	1	90	DIP-14
XL5532	DUAL LOW-NOISE OPERATIONAL AMPLIFIERS	5-22	2	4	4	10	100	SOP-8
XL432MA	Dual Op Amp with On-Chip Fixed 2.5V Reference	3-24	2	5			50	SOP-8
XLA128UA/2K5	Low power, Precision Instrumentation Amp INA128:G=1+50KΩ/R _G INA129:G=1+49.4KΩ/R _G	4.5-36	1	0.050	0.70	1.3	120	SOP-8
XLA129UA/2K5		4.5-36	1	0.050	0.70	1.3	120	SOP-8
XL177GS	Ultraprecision Operational Amplifier	6-36	1	0.05	1.9	16	105	SOP-8
XL177GP		6-36	1	0.05	1.9	16	105	DIP8
XL277UA		4-36	1	0.02	3.5	0.7	130	SOP-8
XL277P		4-36	1	0.02	3.5	0.7	130	DIP8
XL33078DR	DUAL HIGH-SPEED LOW-NOISE OPERATIONAL AMPLIFIER	4-36	2	0.3	5	16	100	SOP-8
XL33078P		4-36	2	0.3	5	16	100	DIP8
XL33078DG KR		4-36	2	5	5	16	100	VSSOP8
XL4310	DUAL OPAM PAND VOLTAGE REFERENCE	3-36	2	0.5	0.3	1	85	SOP-8

Comparators

Parts No.	Description	Ch	Propa- gation delay time (μ s)	Vs (Max) (V)	Vs (Min) (V)	Iq per ch (Typ) (mA)	Vos @ 25°C Max (mV)	Input bias current (+/-)(Max) (nA)	PKG
XL193	Dual Independent precision voltage comparators	2	1.3	30	2	0.4	5	25	SOP-8
XL293D-8		2	1.3	30	2	0.4	5	50	SOP-8
XL293-KR		2	1.3	30	2	0.4	5	50	VSSOP-8
XL293-TS		2	1.3	30	2	0.4	5	50	TSSOP-8
XD293-8		2	1.3	30	2	0.4	5	50	DIP-8
XL2903		2	1.3	30	2	0.4	7	50	SOP-8
XL2903-KR		2	1.3	30	2	0.4	7	50	VSSOP-8
XL2903-TS		2	1.3	30	2	0.4	7	50	TSSOP-8
XD2903		2	1.3	30	2	0.4	7	50	DIP-8
XL239		4	0.7	36	2	0.2	2	250	SOP-14
XL339		4	0.3	30	2	0.2	5	50	SOP-14
XD239		4	0.7	36	2	0.2	2	250	DIP-14
XD339		4	0.3	30	2	0.2	5	50	DIP-14
XL2901		4	8	30	3	0.015	5	25	SOP-14
XD2901		4	8	30	3	0.015	5	25	DIP-14
XL393	Dual Independent precision voltage comparators	2	1.3	30	2	0.225	5	50	SOP-8
XL393-KR		2	1.3	30	2	0.225	5	50	VSSOP-8
XL393-TS		2	1.3	30	2	0.225	5	50	TSSOP-8
XD393		2	1.3	30	2	0.225	5	50	DIP-8

ADC(Analog to Digital Converter)

Parts No.	Description	Resolution (Bits)	Sample Rate(max) (SPS)	Ch	Multi-Channel Configuration	Analog Voltage Range(V)	Pkg
XL7135CD	4 1/2-Digit Dual Slope integrating ADC	4.5	1000	1		-8-6	SOP-28
XL7705B	3/5V,2/3 Channel 16-Bit,Delta-Sigma ADC	16	500	3	Multiplexed	0-7	SOP-16
XL2543	12-BIT ADC WITH SERIAL CONTROL 11 ANALOG INPUTS	12	66	11	Multiplexed	0-5.5	SOP-20
XL5615	10Bit, single Channel Low Power,Power on reset	10	38	1		4.5-5.5	SOP-8
XL0832DR	8 BIT, SERIAL CONTROL	8	22	2	Multiplexed	4.5-6.3	SOP-8
XL548	8-BIT, SERIAL CONTROL	8	38	1		4.5-5.5	SOP-8
XL549	10-BIT, SERIAL CONTROL	8	38	1		4.5-5.5	SOP-8
XD7135	4 1/2 Digit Dual Slope integrating ADC	4.5	1000	1		-8-6	DIP-28
XD7705B	3 /5 V, 2-/3- Channel,16-Bit,Sigma-Delta ADC	16	500	3	Multiplexed	0-7	DIP-16
XD2543N	12-BIT ADC WITH SERIAL CONTROL,11 ANALOG INPUTS	12	66	11	Multiplexed	0-5.5	DIP-20
XD5615	10Bit single Channel Low Power,Power On reset	10	38	1		4.5-5.5	DIP-8
XD0832CC	8-BIT,SERIAL CONTROL	8	22	2	Multiplexed	4.5-6.3	DIP-8
XD548	8-BIT, SERIAL CONTROL	8	38	1		4.5-5.5	DIP-8
XD549	10-BIT,SERIAL CONTROL	8	38	1		4.5-5.5	DIP-8

Voltage to Frequency /Frequency to Voltage Converter

Parts No.	Description	Supply Voltage (V)	Pkg
XL2907-8	Frequency to Voltage Converter	-28~+28	SOP-8
XL2917-8		0--28	SOP-8
XD2907-8		-28~+28	DIP-8
XD2907-14		0--28	DIP-14
XD2917-8		-28~+28	DIP-8
XD2917-14		0--28	DIP-14
XL331	Voltage to Frequency Converter	4-40	SOP-8
XD331		4-40	DIP-8
XD231		4-40	DIP-8

Motor Drivers

Parts No.	Description	$V_{s\ Min}$ (V)	Peak output current (A)	$V_{s\ Max}$ (V)	$R_{DS(ON)} (HS+LS)$ (m Ω)	Pkg
XL293-20	QUADRUPLE PUSH PULL DRIVERS	4.5	1.2	36	2200	SOP-20
XL297	STEPPER MOTOR CONTROLLERS	4	2	7		SOP-20
XL33035	BLDC MOTOR CONTROLLERS	10	0.1	40		SOP-24
XL298P	STEPPER MOTOR CONTROLLERS	4.5	3	46		HSOP-20
XL2026-2	Dual-Channel Power Distribution Switch (Active L)	2.7	0.5	5.5	90	SOP-8
XL2026-1	Dual-Channel Power Distribution Switch(Active H)	2.7	0.5	5.5	90	SOP-8
XD754410	QUADRUPLE HALF-H DRIVER	8	3	60	480	DIP-16
XD293-16	QUADRUPLE PUSH-PULL DRIVERS	4.5	1.2	36	2200	DIP-16
XD297	STEPPER MOTOR CONTROLLERS	4	2	7		DIP-20
XD33035	BLDC MOTOR CONTROLLERS	10	0.1	40		DIP-24
XZ298N	STEPPER MOTOR CONTROLLERS	4.5	3	46		ZIP-15

Audio Power Amplifier

Parts No.	Description	Input (V)	Output Power(W)	I_q (mA)	Category	THD+N @1kHz (db)	Load (Ω)	Pkg
XL386	Low Voltage Audio Power Amplifier	4-18	0.325	4	class-AB	0.2	4	SOP-8
XD386-1	Low Voltage Audio Power Amplifier	4-18	0.325	4	class-AB	0.2	4	DIP-8
XL386-MS	Low Voltage Audio Power Amplifier	4-18	0.325	4	class-AB	0.2	4	MSOP-8

RF Switch

Parts No.	Description	Supply Voltage	Operating Frequency(MHz)	Configuration	Pkg
XA17-G4K	PHEMT RF Switch	1.8-8	20-3000	SPDT	SOT-363
XA2163	RF Switch	2.8-5.3	2400-6000	SPDT	TSON-6
XA214-G4C	RF Switch	1.8-8	100-3000	SPDT	SOT-363
XA213-G4J	RF Switch	1.8-8	100-3000	SPDT	SOT-363
XA2179-S13	RF Switch	2.5-5.3	50-3000	SPDT	SOT-363
XA2214-S14	RF Switch	1.8-5.3	50-3000	SPDT	SOT-363
XA2188-AS79	RF Switch	2.5-3.7	0.5-3000	SPDT	SOT-363
XAPE4259-S63	RF Switch	1.8-3.3	10-3000	SPDT	SOT-363

Gate Drivers(Low side & High side Drivers)

Parts No.	Voltage Class (V)	Output Current Source/Sink (A)	Channels	input Vcc(V)	Switch Type	Features	Temperature Range(°C)	Pkg
XL2110SPBF	500	2.5	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	SOP16
XL2113SPBF	600	2.5	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	SOP16
XL2112SPBF	600	0.2/0.4	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	SOP16
XL2110PBF	500	2.5	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	DIP14
XL2113PBF	600	2.5	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	DIP14
XL2112PBF	600	0.2/0.4	2	10-20	IGBT MOSFET	Enable Shutdown	-40-85	DIP14
XLN7392N	600	3/3	2	Vb	IGBT MOSFET	Enable Shutdown	-40-85	DIP14
XLN7392MX	600	3/3	2	vb	IGBT MOSFET	Enable Shutdown	-40-85	SOP16

Multiplexers/Demultiplexers

Parts No.	Description	Power supply voltage -dual (V)	Power supply voltage - single (V)	Bandwidth (MHz)	Pkg	
XL4067	CMOS Analog Multiplexers/Demultiplexers		1.8, 2.5, 3.3, 5		SOP-24	
XL4067-SS	CMOS Analog Multiplexers/Demultiplexers		1.8, 2.5, 3.3, 5		SSOP-24	
XD4051	20V 8:1 CMOS Analog Multiplexers/ Demultiplexers with Logic Level Conversion	$\pm 2.5, \pm 5, \pm 10$	3.3, 5, 12, 16, 20	20	DIP-16	
XD4052	20V dual 4:1 CMOS Analog Multiplexers/ Demultiplexers with Logic Level Conversion	$\pm 2.5, \pm 5, \pm 10$	3.3, 5, 12, 16, 20	25	DIP-16	
XD4053	20V, Triple 2:1 CMOS Analog Multiplexers/ Demultiplexers with Logic Level Conversion	$\pm 2.5, \pm 5, \pm 10$	5, 12, 16, 20	30	DIP-16	
XD14051	SP8T Analog Multiplexers/Demultiplexers	$\pm 2.5, \pm 5, \pm 10$	5, 8, 10	17	DIP-16	
XD14052	Dual DP4T Analog Multiplexers/Demultiplexers	$\pm 2.5, \pm 5, \pm 10$	5, 8, 10	17	DIP-16	
XD14053	Triple SPDT Analog Multiplexers/Demultiplexers	$\pm 2.5, \pm 5, \pm 10$	5, 8, 10	17	DIP-16	
XD14016	CMOS Quad SPDT Analog Switch/Multiplexer	3-18	4	30	660	DIP-14
XD4066	Quad single pole single-throw analog switch	7.5-15	4	20	125	DIP-14

Darlington Transistor

Parts No.	Description	ch	Input Voltage (V _{Max})	V _{ceo} (V)	I _{out} (mA)	Pkg
XL2803A	8Ch R _i ;2.7KΩ Darlington Transistor Array	8	30	50	500	SOP-18
XL2804	8Ch R _i ;10.5Ω Darlington Transistor Array	8	30	50	500	SOP-18
XL1413	7Ch High Voltage, High Current Darlington Transistor Arrays	7	30	50	500	SOP-16
XL2003	7Ch High-Voltage,High-Current Darlington Transistor Array	7	30	50	500	SOP-16
XL2003-TS	7Ch High-Voltage,High-Current Darlington Transistor Array	7	30	50	500	TSSOP-16
XL2004	7Ch High-Voltage,High-Current Darlington Transistor Array	7	6-15	50	500	SOP-16
XL62003	7ch Darlington Sink Driver	7	5-50	50	500	SOP-16
XL62004	7ch Darlington Sink Driver	7	5-50	50	500	SOP-16
XL62783	8Ch High-Voltage Source Driver	8	15	50	-500	SOP-18
XL2803A G	8Ch R _i ;2.7KΩ Darlington Transistor Array	8	30	50	500	SOP-18
XD2803	8Ch R _i ;2.7KΩ Darlington Transistor Array	8	30	50	500	DIP-18
XD2804	8Ch R _i ;10.5Ω Darlington Transistor Array	8	30	50	500	DIP-18
XD1413	7Ch High-Voltage,High-Current Darlington Transistor Array	7	30	50	500	DIP-16
XD2002	7Ch High-Voltage,High-Current Darlington Transistor Array	7	30	50	500	DIP-16
XD2003	7Ch High-Voltage,High-Current Darlington Transistor Array	7	30	50	500	DIP-16
XD2004	7Ch High-Voltage,High-Current Darlington Transistor Array	7	6-15	50	500	DIP-16
XD62002	7ch Darlington Sink Driver	7	5-50	50	500	DIP-16
XD62003	7ch Darlington Sink Driver	7	5-50	50	500	DIP-16
XD62004	7ch Darlington Sink Driver	8	5-50	50	500	DIP-16
XD62783	8ch High-Voltage, Source Driver	8	15	50	-500	DIP-18

Darlington Transistor

Parts No.	Description	Ch	V _{inMax} (V)	V _{ceo} (V)	I _{out} (mA)	Pkg
XL2981	TTL,CMOS,DMOS.PMOS compatible	8	15	50	-500	SOP-18
XL2982SL	8-CHANNEL SOURCE DRIVERS	8	20	50	-500	SOP-18
XL62083	8channel sink type DMOS transistor array	8	30	50	370	SOP-18
XD2981	8-CHANNEL SOURCE DRIVERS TTL,CMOS.DTL.PMOS compatible	8	15	50	-500	DIP-18
XD54562	8-UNIT 500mA SOURCE TYPE DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE	8	30	50	-500	DIP-18
XD54563	8-UNIT 500mA SOURCE TYPE DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE	8	10	50	-500	DIP-18

LED Lighting Driver

Parts No.	Description	Supply Voltage (V)	Ch	Pkg
XL1682	SINGLE STAGE PRIMARY SIDE REGULATION PFC CONTROLLER FOR LED DRIVER	-0.3-30	1	SOP-8
XL9910	Universal High-Brightness LED Driver	8-450	1	SOP-8
XB402U-L27	40V,65mA output LED CONSTANT CURRENT REGULATOR	1.4-40	1	SC74-6
XD3914	Dot/Bar Display Driver	3-15	10	DIP-18

LED Driver

Parts No.	Description	Supply Voltage(V)	Ch	Interface	Pkg
XL7219	Serially Interfaced, 8-Digit LED Display Drivers	4-5.5	8	Serial 3- Wire10Mbit	SOP- 24
XL7221	Serially Interfaced, 8-Digit LED Display Drivers	4-5.5	8	Serial SPI 10Mbit	SOP- 24
XD7219	Serially Interfaced, 8-Digit LED Display Drivers	4-5.5	8	Serial 3- Wire10Mbit	DIP-24
XD7221	Serially Interfaced, 8-Digit LED Display Drivers	4-5.5	8	Serial SPI 10Mbit	DIP-24

IO Expanders

Parts No.	Description	Supply Voltage (V)	Output Mode	Bits	Interrupt	Pkg
XL9535	16-bit I2C-bus and SMBus, low power I/O port with interrupt	2.3-5.5	quasi bi-directional	16	Y	TSSOP-24
X9535QF24		2.3-5.5	quasi bi-directional	16	Y	QFN-24
XL9555		2.3-5.5	quasi bi-directional	16	Y	TSSOP-24
XL9555D		2.3-5.5	quasi bi-directional	16	Y	SOP-24
XL9555QF24		2.3-5.5	quasi bi-directional	16	Y	QFN-24
XL9555SS		2.3-5.5	quasi bi-directional	16	Y	SSOP-24
XL8574T	Remote 8 bit I/O expander for I2C-bus with interrupt	2.5-6.0	quasi bi-directional	8	Y	SOP-16
XL8574TM		2.5-6.0	quasi bi-directional	8	Y	SOP-16
XL8574TS		2.5-6.0	quasi bi-directional	8	Y	SSOP-20
XL8574AT		2.5-6.0	quasi bi-directional	8	Y	SOP-16W
XL8574ATM		2.5-6.0	quasi bi-directional	8	Y	SOP-16
XL8574ATS		2.5-6.0	quasi bi-directional	8	Y	SSOP-20
XD8574P		2.5-6.0	quasi bi-directional	8	Y	DIP-16
XD8574AP		2.5-6.0	quasi bi-directional	8	Y	DIP-16
XP8255	24-bit I/O expander with interrupt	3-6.0	quasi bi-directional	24	Y	PLCC-44
XD8255-2		3-6.0	quasi bi-directional	24	Y	DIP-40

Logical Circuit

Parts No.	Description	Ch	VCC (Min) (V)	VCC(Max) (V)	Input type	Outputtype	Data rate (Mbps)	Pkg
XL74LS00	Quad 2-Input NAND Gate	4	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS02	Quad 2-Input NOR Gate	4	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS08	Quad 2-Input NAND Gate	4	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS10	TRIPLE 3-INPUT NAND GATE	3	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS11	Triple 3-Input AND Gate	3	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS20	DUAL4-INPUT NAND GATE	2	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS30	8-INPUT NAND GATE	8	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XL74LS32	QUAD 2-INPUT OR GATE	4	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XD74LS00	Quad 2-Input NAND Gate	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS02	Quad 2-Input NOR Gate	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS08	Quad 2-Input NAND Gate	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS10	TRIPLE 3-INPUT NAND GATE	3	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS11	Triple 3-Input AND Gate	3	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS20	DUAL4-INPUT NAND GATE	2	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS30	8-INPUT NAND GATE	8	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS32	QUAD 2-INPUT OR GATE	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS86	Quad 2-Input Exclusive OR Gate	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS132	QUAD 2-INPUT SCHMITT TRIGGER NAND GATE	4	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS51	Dual 2-Wide 2-Input,2-Wide 3-Input AND-OR-INVERT Gate	2	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS27	Triple 3-inputPositive NOR Gates	3	4.75	5.25	Bipolar	Push-Pull	35	DIP-14

Logical Circuit

Parts No.	Description	Sub Family	Ch	V _{CC(Min)} (V)	V _{CC(Max)} (V)	Input Type	Output type	Data rate (Mbps)	Pkg
XL74LS27	Triple 3-input Positive NOR Gates	NOR	3	4.75	5.25	Bipolar	Push-Pull	35	SOP-14
XD74LS21	DUAL4-INPUT POSITIVE- AND GATES	NAND	2	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD74LS54	4-wide2-input,3-input AND-OR-INVERT Gates	AND-OR-INVERT	4	4.75	5.25	TTL	Push-Pull	35	DIP-14
XD74LS73	DUALJKNegative EDGE-TRIGGEREDFLIP-FLOP	Trigger	2	4.75	5.25	TTL	Push-Pull	35	DIP-14
XD74LS74	DUAL D-TYPE POSITIVE EDGE-TRIGGERED FLIP-FLOP	Trigger	2	4.75	5.25	TTL	Push-Pull	35	DIP-14
XD74LS75	Quad Latch	Latch	4	4.75	5.25	TTL	Push-Pull	35	DIP-16
XD74LS76	Dual J-K Flip-Flop with Preset and Clear	Trigger	2	4.75	5.25	TTL	Push-Pull	35	DIP-16
XD74LS85	4-BitMagnitude Comparator	/	4	4.75	5.25	Schmitt-Trigger	Push-Pull	35	DIP-16
XD4069	Hex inverter	Inverter	6	4.75	5.25	Bipolar	Push-Pull	35	DIP-14
XD14069	Hex inverter	Inverter	6	4.75	5.25	TTL	Push-Pull	35	DIP-14
XD74LS112	DUALJK Negative EDGE-TDICCDEDELIP-FLOP	Trigger	2	4.75	5.25	Bipolar	Push-Pull	35	DIP-16
XD74LS181	4-BitArithmetic Logic Unit	/	4	4.75	5.25	TTL	Push-Pull	35	DIP-24
XD74LS279	Quad S-RLatch	Latch	4	4.75	5.25	TL	Push-Pull	35	DIP-24
XD74LS283	9-bit Odd/Even Parity Generators/Checkers	/	4	4.75	5.25	TTL	Push-Pull	35	DiP-16

Shift Registers

Parts No.	Description	Supply Voltage(V)	Pkg
XL74HC165	8-bit parallel-in/serial-out shift register	2-6	SOP-16
XL74HC165-TS	8-bit parallel-in/serial-out shift register	2-6	TSSOP-16
XL74HC595	8-Bit Serial-Input/Serial or Parallel-Output Shift Register with Latched 3-State Outputs	4.75-5.25	SOP-16
XL74HC597	8-bit shift register with input flip-flops	2-6	SOP-16
XL74HC597-TS	8-bit shift register with input flip-flops	2-6	TSSOP-16
XD74HC165	8-bit parallel-in/serial-out shift register	2-6	DIP-16
XD74HC597	8-bit shift register with input flip-flops	2-6	DIP-16
XD74LS95	4-BIT SHIFT REGISTER	4.75-5.25	DIP16
XD74LS194	4-bit bidirectional universal shift register	4.75-5.25	DIP-16

Inverters

Parts No.	Description	Supply Voltage(V)	Data rate(Mbps)	Pkg
XL74LS04	HEXINVERTER	4.75-5.25	70	SOP-14
XL74LS14	SCHMITT TRIGGERS DUAL GATE/HEX INVERTER	4.75-5.25	70	SOP-14
XD74LS04	HEXINVERTER	4.75-5.25	70	DIP-14
XD74LS14	SCHMITT TRIGGERS DUAL GATE/HEX INVERTER	4.75-5.25	70	DIP-14

Timers

Parts No.	Description	Supply Voltage(V)	Pkg
XL551	CMOS Micro power,General Purpose Timers	1-15	SOP-8
XL555	2.1MHz.250μA.Micro power Timer	2-15	SOP-8
XL7555	CMOS Micro power ,General Purpose Timers	3-16	SOP-8
XL1307	64 x 8, Serial, I2C Real Time Clock	4.5-5.5	SOP-8
XD551	CMOS Micro power,General Purpose Timers	1-15	DIP-8
XD555	2.1MHz、250μA、Micro power Timer	2-15	DIP-8
XD7555	CMOS Micro power,General Purpose Timers	3V-16	DIP-8
XD1307	64 x 8, Serial, 12C Real-Time Clock	4.5-5.5	DIP-8

Buffers/Drivers

Parts No.	Description	CH	Supply Voltage (V)	Data rate (Mbps)	Pkg
XL74LS06	HEX INVERTER BUFFERS/DRIVERS WITH OPEN-COLLECTOR HIGH-VOLTAGE OUTPUTS	6	4.75-5.25	70	SOP-14
XL74LS07	Hex Buffers/Drivers(With Open Collector High-Voltage Ouputs)	6	4.75-5.25	70	SOP-14
XD74LS06	HEX INVERTER BUFFERS/DRIVERS WITH OPEN.COLLECTOR HIGH-VOLTAGE OUTPUTS	6	4.75-5.25	70	DIP-14
XD74LS07	Hex Buffers/Drivers(With OpenCollector High-Voltage Ouputs)	6	4.75-5.25	70	DIP-14

Counters

Parts No.	Description	Supply Voltage (V)	Pkg
XD4059	CMOS Programmable Divide-by-N Counter	2-6	DIP-24
XD4060	CMOs 14-Stage Ripple-Carry Binary Counter/Divider and Oscillator	3-18	DIP-16
XD4518	CMOS Dual Up Counters	3-18	DIP-16
XD4553	CMOS DUAL BINARY TO 1 OF 4 gDECODER/DEMULTIPLEXERS	5-18V	DIP-16
XD14518	Dual Up Counters	3-18	DIP-16
XD14553	3-Digit BCD Counter	5-18	DIP-16
XD40192	CMOS Presettable Up/Down Counters	3-18	DIP-16
XD74LS83	4-Bit Binary Adder with Fast Carry	4.75-5.25	DIP-16
XD74LS90	Decade and Binary Counters	4.75-5.25	DIP-14
XD74LS93	4-BIT BINARY COUNTER	4.75-5.25	DIP-14
XD74LS160	BCD DECADE COUNTERS/4-BIT BINARY COUNTERS	4.75-5.25	DIP-16
XD74LS161	BCD DECADE COUNTERS/ 4-BIT BINARY COUNTERS	4.75-5.25	DIP-16
XD74LS163	SYNCHRONOUS 4-BIT COUNTERS	4.75-5.25	DIP-16
XD74LS166	8-BIT SHIFT REGISTERS	4.75-5.25	DIP-16
XD74LS190	SYNCHRONOUS UP/DOWN COUNTERS WITH DOWN/UP MODE CONTROL	4.75-5.25	DIP-16
XD74LS192	DOWN COUNTER PRESETTABLE 4-BIT BINARY UP/DOWN COUNTER	4.75-5.25	DIP-16
XD74LS193	Synchronous 4-Bit Binary Counter with Dual Clock	4.75-5.25	DIP-16

Encoders Decoders,Selectors,Multiplexers

Parts No.	Description	Config	Supply Voltage (V)	Ch	F@nom voltage (MHz)	Pkg
XL4514	CMOS 4-BIT LATCH/4-TO-16 LINE DECODERS	4:16	3-18	1	8	SOP-24
XL74LS138	Decoder/Demultiplexer	3:8	4.75-5.25	1	35	SOP-16
XL74LS139	DUAL 1-OF-4 DECODER/ DEMULTIPLEXER	2:4	4.75-5.25	1	35	SOP-16
XL74LS148	10-LINE-TO-4-LINE AND 8-LINE-TO-3-LINE PRIORITY ENCODERS	8:3	4.75-5.25	1	35	SOP-16
XL74LS157	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	2:1	4.75-5.25	4	35	SOP-16
XD4514	CMOS 4-BIT LATCH/4-TO-16 LINE DECODERS	4:16	3-18	1	8	DIP-24
XD14514	4-Bit Transparent Latch/4-to-16 Line Decoder	4:16	2-6	1	8	DIP-24
XD74LS42	BCD-to-Decimal Decoder	4:10	4.75-5.25	1	35	DIP-16
XD74LS47	BCD to 7-Segment Decoder/Driver with Open-CollectorOutputs	4:7	4.75-5.25	1	35	DIP-16
XD74LS48	BCD TO 7-SEGMENT DECODER	4:7	4.75-5.25	1	35	DIP-16
XD74LS138	Decoder/Demultiplexer	3:8	4.75-5.25	1	35	DIP-16
XD74LS139	DUAL 1-OF-4 DECODER/ DEMULTIPLEXER	2:4	4.75-5.25	1	35	SOP16
XD74LS145	1-OF-10 DECODER/DRIVER OPEN-COLLECTOR	4:10	4.75-5.25	1	35	DIP-16
XD74LS147	10-LINE-TO-4-LINE AND 8-LINE-TO-3-LINE PRIORITY ENCODERS	10:4	4.75-5.25	1	35	DIP-16
XD74LS148	10-LINE-TO-4-LINE AND 8-LINE-TO-3-LINE PRIORITY ENCODERS	8:3	4.75-5.25	1	35	DIP-16
XD74LS151	DATA SELECTORS/MULTIPLEXERS	16:1	4.75-5.25	1	35	DIP-16
XD74LS154	4-Line to 16-Line Decoder/Demultiplexer	4:16	4.75-5.25	1	35	DIP-24
XD74LS247	BCD TO 7-SEGMENT DECODER	4:7	4.75-5.25	1	35	DIP-16
XD74LS248	BCD TO 7-SEGMENT DECODER	4:7	4.75-5.25	1	35	DIP-16
XD74HC4514Z	HIGH-SPEED CMOS LOGIC 4-TO-16 LINE DECODER/DEMULTIPLEXER WITH INPUT LATCHES	4:16	3-18	1	8	DIP-24T

Encoders Decoders,Selectors,Multiplexers

Parts No.	Description	Config	Supply Voltage (V)	Ch	F@nom voltage	Pkg
XL74C922	16-Key Encoder	4:16	3V-15V	4	/	SOP-20
XL74C923	20-Key Encoder	4:20	3V-15V	4	/	SOP-20
XD74LS157	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	2:1	4.75-5.25	4	35M	DIP-16
XD74LS153	QUADRUPLE 2-LINE TO 1-LINE DATA SELECTORS/MULTIPLEXERS	4:1	4.75-5.25	2	35M	DIP-16
XD74C922	16-Key Encoder	4:16	3V-15V	4	/	DIP-18
XD74C923	20-Key Encoder	4:20	3V-15V	4	/	DIP-20

Others

Parts No.	Description	Supply Voltage (V)	Ch	output	Pkg
XD14538	Dual Precision Retiggerable/Resetable Monostable Multivibrator	2-6	2	Standard CMOS	DIP-16
XD4538	Dual Precision Monostable	2-6	2	Standard CMOS	DIP-16

Parts No.	Description	Supply Voltage (V)	Chnl	Pkg
XL74HC245	Octal bus transceiver with 3-state	2-6	8	SOP-20
XD74HC245	Octal bus transceiver with 3-state	2-6	8	DIP-20

Parts No.	Description	Supply Voltage (V)	Speed	Chnl	BIT	Pkg
XD82C55-5	Programmable Peripheral Interface	4.75-5.25	5M	3	8	DIP-40
XD71055	Parallel Interface Unit	4.75-5.25	10M	3	8	DIP-40
XP71055	Parallel Interface Unit	4.75-5.25	10M	3	8	PLCC-44

Parts No.	Description	Supply Voltage (V)	Gate Drive (Typ) (mA)	Pkg
XL33290	ISO K Line Serial Link Interface	8-18	1	SOP-8
XL567	Tone Decoder	3.5-8.5	7	SOP-8
XL8870	IS02-CMOS Integrated DTMF Receiver	4.75-5.25	10	SOP-18
XL9170	High Sensitivity DTMF Receiver	2.5-5.5	3	SOP-18
XL1881	Video Sync Separator	5-13.2	10	SOP-8
XD567	Tone Decoder	3.5-8.5	7	DIP-8
XD8870	IS02-CMOS Integrated DTMF Receiver	4.75-5.25	10	DIP-18
XD9170	High Sensitivity DTMF Receiver	2.5-5.5	3	DIP-18
XD1881	Video Sync Separator	5-13.2	10	DIP-8