

接口

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LVDS接口IC

27bit LVDS发射器 27 : 4串行器									
Part No.	Type	bits (bit)	Color Depth	Input Specification	Output Specification	Clock Frequency (MHz)	Supply Voltage (V)	Operating Temperature (°C)	Package
BU90T81	Serializer	27	8	LVC MOS	LVDS Single Link	20 to 112	1.65 to 1.95	-20 to +85	VBGA048W040
27bit LVDS发射器 27 : 8串行器									
BU90T82	Serializer	27	8	LVC MOS	LVDS Dual Link	10 to 174	1.62 to 1.98/ 1.62 to 3.60	-40 to +85	SBGA072T070A
35bit LVDS发射器 35 : 5串行器									
BU8254KVT	Serializer	35	10	LVC MOS	LVDS Single Link	8 to 112	3.0 to 3.6	-40 to +85	TQFP64V
BU8254GUW	Serializer	35	10	LVC MOS	LVDS Single Link	8 to 112	3.0 to 3.6	-20 to +85	VBGA099W060
56bit LVDS发射器 56 : 8串行器									
BU7988KVT	Serializer	56	8	LVC MOS	LVDS Dual Link	8 to 112	3.0 to 3.6	-20 to +85	TQFP100V
35bit LVDS接收器 5 : 35解串器									
BU90R104	Deserializer	35	10	LVDS Single Link	LVC MOS	8 to 112	2.3 to 3.6	-40 to +85	TQFP64V
56bit LVDS接收器 8 : 56解串器									
BU7985KVT	Deserializer	56	8	LVDS Dual Link	LVC MOS	20 to 112	3.0 to 3.6	-20 to +85	TQFP100V
70bit LVDS分配器									
BU90RT102	Serializer/ Deserializer	70	10	LVDS	LVDS	20 to 135	3.0 to 3.6	-20 to +85	HTSSOP-C64
4bit LVDS驱动器									
BU90LV047A	Driver	4	-	LVC MOS	LVDS	250	3.0 to 3.6	-40 to +85	SSOP-B16
4bit LVDS接收器									
BU90LV048	Receiver	4	-	LVDS	LVC MOS	250	3.0 to 3.6	-40 to +85	SSOP-B16
4bit LVDS收发器									
BU90LV049A	Transceiver	4	-	LVC MOS/LVDS	LVC MOS/LVDS	250	3.0 to 3.6	-40 to +85	SSOP-B16

多输入监控LSI

22ch型											
Part No.	Supply Voltage (V)	Switch Input Number	Switch Input Voltage Range (V)	Wetting Current (mA)	Operating Current Intermittent Monitoring 50ms (Max) (µA)	Control I/F	Clock Frequency (MHz)	Operating Temperature (°C)	Package	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BD3378MUV-M	6.0 to 28.0 (VPUB/VPUB) 3.1 to 5.25 (VDDI)	22	-14 to +40	1/3/5/10/15 (Pull up/Pull down)	100	SPI	up to 4.4	-40 to +125	VQFN48MCV070	FSs	YES
33ch型											
BD3381EKV-C	6.0 to 28.0 (VPUB/VPUB) 3.1 to 5.25 (VDDI)	33	-14 to +40	1/3/5/10/15 (Pull up/Pull down)	110	SPI	up to 4.4	-40 to +125	HTQFP64BV	FSs	YES
10ch型											
BD3376EFV-C	8.0 to 26.0 (VPUB/VPUB) 3.1 to 5.25 (VDDI)	10	-14 to +40	1/3/5/10/15 (Pull up/Pull down)	100	SPI	up to 4.4	-40 to +125	HTSSOP-B30	FSs	YES

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LIN收发器

LIN收发器									
Part No.	Supported Standards	Supply Voltage (V)	Operating Temperature (°C)	Absolute Maximum Rating of LIN pin (V)	Transmission Rate (Max) (kbps)	Supply Current at Sleep Mode (Typ) (µA)	Package	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
New BD41033FJ-C	LIN2.0, LIN2.1, LIN2.2, LIN2.2A, ISO17987-4:2016 (12V)	5 to 27	-40 to +125	-27 to +40	20	3	SOP-J8	FSs	YES
BD41030FJ-C	LIN2.0, LIN2.1, LIN2.2, LIN2.2A	5 to 27	-40 to +125	-27 to +40	20	3	SOP-J8	FSs	YES
BD41030HFN-C	LIN2.0, LIN2.1, LIN2.2, LIN2.2A	5 to 27	-40 to +125	-27 to +40	20	3	HSON8	FSs	YES

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CAN收发器

CAN收发器									
Part No.	Supported Standards	Supply Voltage (V)	Operating Temperature (°C)	Absolute Maximum Rating of CAN pin (V)	Transmission Rate (Max) (Mbps)	Supply Current at Standby Mode (Typ) (µA)	Package	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BD41041FJ-C	ISO 11898-2: 2016	4.75 to 5.25	-40 to +125	-27 to +40	1	10	SOP-J8	FSs	YES
BD41044FJ-C	ISO 11898-2: 2016	4.75 to 5.25	-40 to +125	-27 to +40	5	10	SOP-J8	FSs	YES

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CXPI收发器

CXPI收发器									
Part No.	Supported Standards	Supply Voltage (V)	Operating Temperature (°C)	Absolute Maximum Rating of BUS (V)	Transmission Rate (kbps)	Supply Current at Sleep Mode (Typ) (µA)	Package	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BD41003FJ-C	JASO_D015_3	7 to 18	-40 to +125	-27 to +40	18.8 to 20.0	3	SOPJ-8	FSs	YES

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USB Type-C Power Delivery

供电用(电力用途：供电，数据传输用途：DFP、内部分流调节、可调OCP、可调OVP、内部Vconn开关)										
Part No.	Supply Voltage (V)	IO Supply Voltage (V)	Type-C/PD Support	Initial Supply Capable Voltage/Current (V/A)	Tolerant Voltage at CC Pins (V)	Gate Drivers for Nch FET	After OCP Behavior After OVP Behavior	DP Alternate Mode	Operating Temperature (°C)	Package
BD93F50MWV	3.1 to 22.0	1.7 to 5.5	R1.3/R3.0	5V to 20V Selectable	28	For Source: 1pair (For Sink: 1pair)	OCP: Selectable OVP: Selectable	DP_SINK with Ext-MCU	-30 to +85	UQFN040V5050
供电受电用(电力用途：供电/受电/DRP，数据传输用途：DFP/UFP/DRD)										
Part No.	Supply Voltage (V)	IO Supply Voltage (V)	Type-C/PD Support	Connected The Required Initial Voltage (V)		Gate Drivers for Nch FET	DP Alternate Mode	Operating Temperature (°C)	Package	
				Dead Battery	Non Dead Battery					
BD93E30GWL	3.1 to 22.0	1.7 to 5.5	R1.3/R3.0	5V to 20V Selectable (Sink) / 5V (Source)		6.0	For Sink: 1pair For Source: 1pair	-30 to +85	UCSP50L2C	
BD93E70GWL				5V (Sink) / 5V to 20V Selectable (Source)						DP_SINK
受电用(电力用途：受电，数据传输用途：UFP)										
Part No.	Supply Voltage (V)	IO Supply Voltage (V)	Type-C/PD Support	Connected The Required Initial Voltage (V) Without Ext-MCU	Start of Automatic Power Receiving Without Ext-MCU	CC terminal voltage (V)	Gate Drivers for Nch FET	DP Alternate Mode	Operating Temperature (°C)	Package
BD93E11GWL	3.1 to 22.0	1.7 to 5.5	R1.3/R3.0	5V to 20V Selectable	Selectable	6.0	For Sink: 1pair For Source: 1pair	-	-30 to +85	UCSP50L2C
BD93F10MWV										
New BD93F12MWV	3.1 to 20.0	1.7 to 5.5	R2.2/R3.1	5V to 20V Selectable	Selectable	28	For Sink: 1pair For Source: 1pair	-	-30 to +85	UQFN040V5050
BD91N01NUX	4.0 to 5.5		R1.3/-							Type-C 5V

燃气热水器用接口IC

燃气热水器用接口IC									
Part No.	Supply Voltage (V)	Circuit Current (mA)	Oscillation Frequency (MHz)	Detection Frequency (kHz)	Pseudo-sine Wave Output Circuit	External Analog Signal Detection Circuit	Analog Switch (ch)	Operating Temperature (°C)	Package
BD88030FV	4.5 to 5.5	2.5	4	250	✓	✓	2	-20 to +80	SSOP-B16