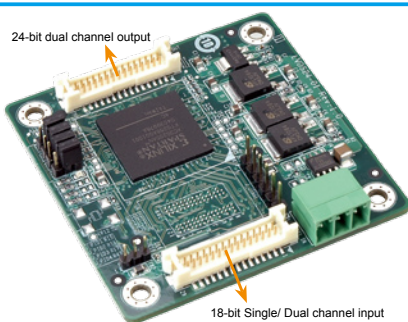


LVDS24-01

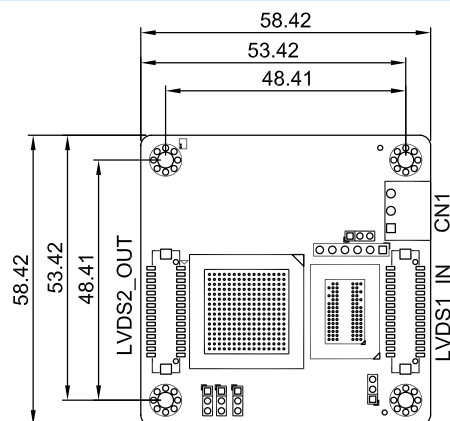
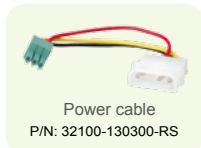


• 18-bit to 24-bit LVDS converter board

Support below configuration:

- ◆ Single 18 bits to single 24 bits
- ◆ Single 18 bits to dual 24 bits
- ◆ Dual 18 bits to dual 24 bits

**Note: the module do not support dual channel 18-bit covert to single channel 24-bit.*



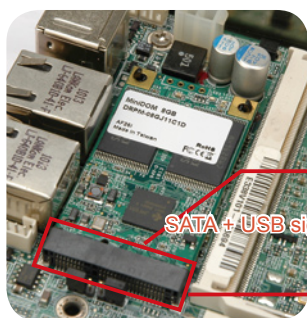
Packing List

1 x 18-bit to 24-bit LVDS converter board	1 x QIG
1 x Power cable (P/N: 32100-130300-RS)	

Ordering Information

Part No.	Description	Part No.	Description
LVDS24-01-R10	18-bit to 24-bit LVDS converter board	32602-007900-100-RS	Single Channel 18-bit 20-pin to 24-bit LVDS 30-pin connection cable
32600-004900-RS	30-pin LVDS connection cable for evaluation	32602-008000-100-RS	Dual Channel 18-bit 30-pin to 24-bit 30-pin LVDS connection cable

IEI Mini DOM – IPE 5200C



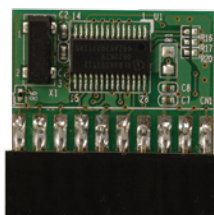
IPE 5200C/W Pin Definition			
Signal Name	Pin #	Pin #	Signal Name
SATA_TX(B+)	51	52	+3.3 Vaux
SATA_TX(B-)	49	50	GND
SATA_RX(A-)	47	48	NC
SATA_RX(A+)	45	46	NC
GND	43	44	NC
+3.3 Vaux	41	42	NC
+3.3 Vaux	39	40	GND
GND	37	38	USB_D+
GND	35	36	USB_D-

Capacities	SLC: 2GB~16GB
Interface	Mini PCIe <SATA II & USB2.0>
Data Transfer Rate	SATA- Read: 100MB/sec. Write: 50MB/sec. (Max.) USB- Read: 30MB/sec. Write: 20MB/sec.(Max.)
Operation Temp.	0°C ~ +70°C (Standard Grade)
Storage Temp.	-55°C ~ +95°C
DC Input Voltage	3.3V Single power supply
Vibration	20G (7~2000Hz)
Shock	1500G/0.5ms
Power Consumption	250mA (Max.)
Dimensions	30x50.95x3.4mm (WxLxH)
Certificate	CE/FCC/ROHS

Ordering Information

Model Name	Description
IPE-5200C-XXX	IEI mini DOM 2 GB ~ 16 GB support

IEI Trusted Platform Module (TPM)



INFINEON
SLB9635 TT1.2

Model Support list

IMBA-G410, IMBA-G412ISA, KINO-HM551, NANO-HM551,
WSB-PV-D4251/D5251, NOVA-PV-D4251/D5251,
NANO-PV-D4251/ N4551/ D5251

TPM OS Supported List

OS Supported	Infineon
Windows®	Windows® XP SP2 , Windows® 7 , Vista
Linux	Fedora 6 (Kernel 2.6.8 or above)

Ordering Information

Model Name	Description
TPM-IN01-R11	20-pin INFINEON TPM Module, S/W management Tool, Firmware V3.17

IEI Riser Card

PCIe x 1 Riser Card PCIER-K101L-R10

Dimensions: 135x 31mm



Compatible model list KINO-PVN-D4251/D5251, KINO-PV-D4252/D5252

Packing List

1 x PCIe x1 riser card	1 x QIG
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PCI Riser Card PCIR-K01R-R10

1-slot PCI riser card

Dimensions: 89.1 x 62.8 x 16 mm
PCI 2.2 standard
with 32-bit 5V support

