

Entner Electronics

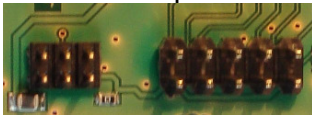
EEBlaster

USB JTAG-Programmer for ALTERA FPGAs



Features

- Supports programming of ALTERA® FPGAs
- Convenient indicator LEDs for USB- and target-power
- New small footprint 6pos. connector (2mm pitch, 24mm² area, JTAG only) and standard 10pos. connector (2.54mm pitch, 64.5mm² area)



- Low cost design
- Improved signal integrity
- Fully compatible with ALTERA® tool-chain, supports JTAG- and AS-mode.
- Works with regular ALTERA® drivers (supplied with Quartus software)

Connector Pin Outs

AS	JTAG	10 pos.		JTAG	AS
DCLK	TCK	1	2	GND	GND
CONF_DONE	TDO	3	4	V* _{TARGET}	V* _{TARGET}
NCONFIG	TMS	5	6	Unused	nCE
DATAOUT	Unused	7	8	Unused	nCS
ASDI	TDI	9	10	GND	GND

JTAG	6 pos.		JTAG
TCK	1	2	GND
TDO	3	4	TDI
TMS	5	6	V* _{TARGET}

* V_{TARGET} : 1.2 to 3.6V

Preliminary information – specification and availability subject to change without notice

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