

10Gbps XFP Optical Transceiver RTX226-440

Specifications

(Tested under recommended operating conditions, unless otherwise noted)

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ansceiver RTXМ226-440

Symbol	Unit	Min	Max	Note
V_{IH}	V	2.0	$V_{cc3}+0.3$	
V_{IL}	V	-0.3	0.8	
V_{OH}	V	$V_{dd3}-0.5$	$V_{dd3}+0.3$	1
V_{OL}	V	0.0	0.4	
V_{IH}	V	$V_{dd3} \cdot 0.7$	$V_{dd3}+0.5$	

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Pin	Logic	Symbol	Name/Description	Note
1		GND	Module Ground	1
2		VEE5	Optional -5.2V Power Supply (Not Required)	
3	LVTTL-I	Mod_DeSel	Module De-select; When held low allows module to respond to 2-wire serial interface	
4	LVTTL-O	Interrupt	Interrupt; Indicates presence of an important condition which can be read over the 2-wire serial interface	2
5	LVTTL-I	TX_DIS	Transmitter Disable; Turns off transmitter laser output	
6		VCC5	+5V Power Supply	

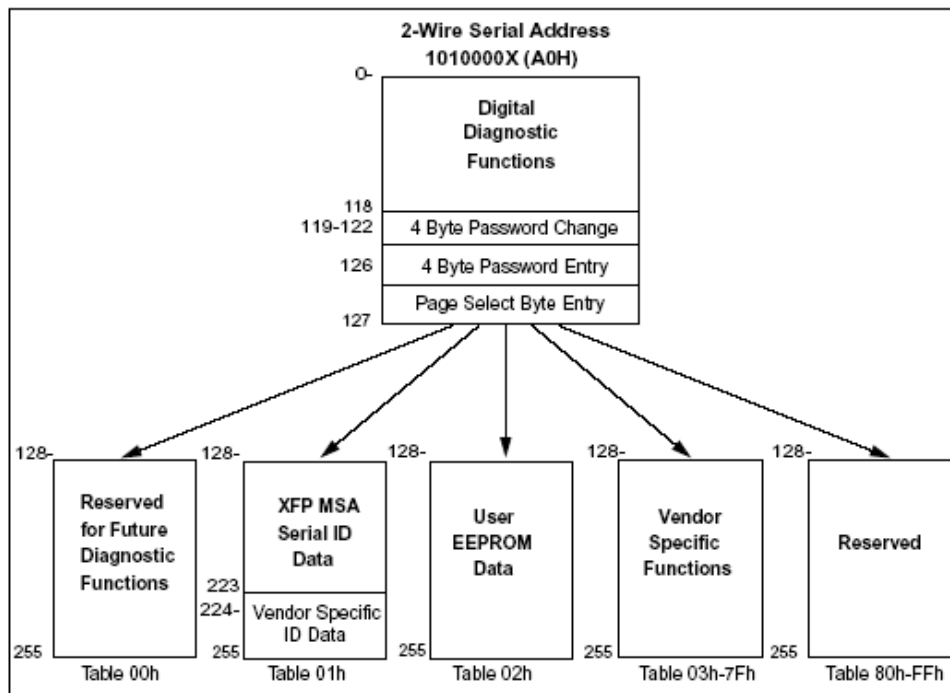
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Digital Diagnostic Functions

As defined by the XFP MSA, digital diagnostic functions are provided via a 2-wire serial interface, which allows real-time access to the following operating parameters:

- Transceiver Temperature
- Tx Bias Current
- Tx Optical Power
- RX Received Optical Power
- Transceiver +3.3V Supply Voltage
- Laser Temperature



Typical Application Circuit for Power Supply

