	1	1	2	1	3	4				5	1	6
	Product Name:	ZX210 H	DMI Splitter		Simplified block diagram							
F	Product Description:	HDMI Ty 50 Ω imp electrical	rpe A, C, D Spl bedance match I test measurer	itter Plug Socl ing multi-layer nents.	Sockets Type A Type C Type D	Plugs Type A Type C Type D						
_		HDMI Ty emulation	r pe A, C, D Plu n / monitoring p	ugs and Socke ourposes.	ets. With Headers f	acilitating debuggi	ng EDII	D for		ocket Header	Jug Headers	
	Application:	Compatil	bility test, EDID) debugging a	nd bringup, System	n debugging				ω	<u> </u>	3.62"(93n
E	Mates with : Any HDMI Plug / Socket to Any HDMI Plug / Socket (types A, C, and D) Standard header 0.1" center onboard											
	Test reports: Using	6" long HDMI cable, following functional			al tests are complet	ed: Display Resolutio	Test report Display Resolution Plug Socket Status		Status			
-	Test procedure:	none				1080p 1080p 1080p	A A A	A C D	PASS PASS PASS			
D	Pinouts: Follow with th	ring tables le header p	list HDMI conn pin assignment	iector pinout d	escription along	1080p 1080p 1080p	C C C	A C D	PASS PASS PASS			_ Y
						1080p 1080p 1080p	D D D	A C A	PASS PASS PASS	Ope EDII	rating proced	lure: ZX210 S an easily be a
-	Debugging procedure: Using provided headers and scope/logic analyzer capture and debug the I2C interface transaction as well as controlling the HOTPLUG functionality. Testing can be done using external device to induce EDID										Socket header lers have com	rs have comm mon Plug con
	payload for purpose of	system te	sting, debuggir	ng						For I Plug	normal operations in the signals as list	on (ByPass) , ed on table 5.

С														
	Table 2				Table 3			Table 4		Table 5				
		Туре А			Type C (mini)			Ту	pe D(micro)		Header			
		Pin	Function		Pin	Function		Pin	Function		Sockat	Plug	Eurotion	
		1	TXD2P		1	GND		1	HOTPLUG/ HEAC-		SUCKET	Tug	runcuon	
-		2	GND		2	TXD2P		2	RSV / HEAC+		1	1	CEC	
		3	TXD2N		3	TXD2N		3	TXD2P		2	2	GND	
		4	TXD1P		4	GND		4	GND		3	3	RSV	
		5	GND		5	TXD1P		5	TXD2N		4	4	+5VDC	
в		6	TXD1N		6	TXD1N		6	TXD1P		5	5	DDC_SCL	
		7	TXD0P		7	GND		7	GND		6	6	HOTPLUG	
		8	GND		8	TXD0P		8	TXD1N		7	7	DDC_SDA	
		9	TXD0N		9	TXD0N		9	TXD0P		8	8	GND	
		10	TXCP		10	GND		10	GND					
_		11	GND		11	TXCP		11	TXD0N					
		12	TXCN		12	TXCN		12	TXCP					
		13	CEC		13	GND		13	GND					
		14	RSV		14	CEC		14	TXCN					
		15	DDC_SCL		15	DDC_SCL		15	CEC					
Α		16	DDC_SDA		16	DDC_SDA		16	GND					
		17	GND		17	RSV		17	DDC_SCL					
		18	+5V		18	+5V		18	DDC_SDA					
		19	HOTPLUG		19	HOTPLUG		19	+5V					

breakout adapter ZX200, ZX203, or ZX205 for electrical tests.

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