

## Configuration Protocol

Command	First Byte	First Byte								Following bytes				
	Hex	7	6	5	4	3	2	1	0	1	2	3	4	5
		Command		Datagram / Stream		ReadRepy / Write		Under mask		Reserved		Address Space(2)		Highest space available
Write	0x2y	0	0	1	0	m	r	as	as	Address				{Space}
Write Stream	0x0y	0	0	0	0	m	r	as	as	Address				{Space}
ReadRepy	0x3y	0	0	1	1	r	r	as	as	Address				{Space}
Read	0x6y	0	1	1	r	r	r	as	as	Address				{Space}
Read Stream	0x4y	0	1	0	r	r	r	as	as	Address				{Space}
		Command		Operation				Repy	Reserved					
Get Config Option	0x80	1	0	0	0	0	0	0	r					
“ reply	0x82	1	0	0	0	0	0	1	r	Avail cmds		Flags (1)	Highest space	Lowest space
Get Address Space Info	0x84	1	0	0	0	0	1	0	r	SpaceID				
“ reply	0x86	1	0	0	0	0	1	1	r	SpaceID	Largest address			
Lock/Reserve	0x88	1	0	0	0	1	0	0	r	Node ID				
“ reply	0x8A	1	0	0	0	1	0	1	r	Node ID				
Get Unique ID	0x8C	1	0	0	0	1	1	0	r	1-7				
“ reply	0x8E	1	0	0	0	1	1	1	r	Event# ... (1-7)				
Reserved	0x90-0x9F	1	0	0	1	r	r	r	r					
Freeze	0xA1	1	0	1	0	0	0	r	1					
Unfreeze	0xA0	1	0	1	0	0	0	r	0					
Indicate Start	0xA5	1	0	1	0	0	1	r	1	Option				
Indicate Stop	0xA4	1	0	1	0	0	1	r	0					
Update Complete	0xA8	1	0	1	0	1	0	0	0					
Reset/Reboot	0xA9	1	0	1	0	1	0	0	1					
Reinitialize/Factory Reset	0xAA	1	0	1	0	1	0	1	0	Target Node ID				
Reserved	0xAB	1	0	1	0	1	0	1	1					
Reserved	0xAC-F	1	0	1	0	1	1	r	r					

Reserved	0xB0	1	0	1	1	r	r	r	r
Reserved	0xC0-0xF0	1	1	r	r	r	r	r	r

(1) Get Configurations Options Reply 3 <sup>rd</sup> Byte	Bits 2-7 Write Lengths					Under Mask Available	Read Stream Supported	Write Stream Supported
	Streams	64	4	2	1			

(2) Address Space Flags		
<i>These are a short-form way of choosing a space and are for convenience</i>		
Configuration definition	1	1
All memory	0	1
Configuration Space	1	0

6	7	8...	
Data	Data	Data	Data...
Stream Info			
Data	Data	Data	Data...
Count			
Count(4 bytes!)	Streaml		

(Name)			
Lowest Address			

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Sheet1