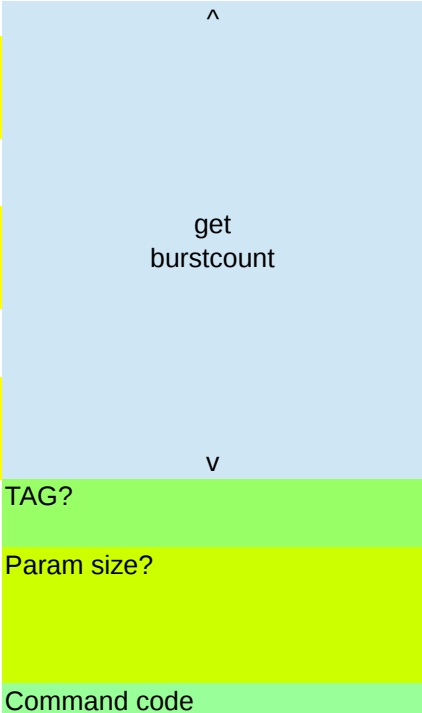


tpm\_init\_001

Time [s]	Decoded Protocol		Result	TPM Registers	Comments
	MOSI	MISO			
1.1395608333	0x80	0x00		Read 1	
1.139561875	0x00	0x00			
1.1395629167	0x00	0x00		TPM_ACCESS_0	
1.1395639583	0x00	0x01			
1.139565	0x00	0x81		Read value	
1.1396703333	0x80	0x40		Read 1	
1.139671375	0x00	0x00			
1.1396724167	0x00	0x00		TPM_ACCESS_0	
1.1396734583	0x00	0x01			
1.1396745	0x00	0x81		Read value	
1.1397711667	0x00	0x40		Write 1	
1.1397722083	0x00	0x00			
1.13977325	0x00	0x00		TPM_ACCESS_0	
1.1397742917	0x00	0x01			
1.1397753333	0x02	0x00		Write value	
1.1398540833	0x80	0x00		Read 1	
1.139855125	0x00	0x00			
1.1398561667	0x00	0x00		TPM_ACCESS_0	
1.1398572083	0x00	0x01			
1.13985825	0x00	0xA1		Read value	
1.1399375833	0x80	0x40		Read 1	
1.139938625	0x00	0x00			
1.1399396667	0x00	0x00		TPM_ACCESS_0	
1.1399407083	0x00	0x01			
1.13994175	0x00	0xA1		Read value	
1.1400170417	0x80	0x40		Read 1	
1.1400180833	0x00	0x00			
1.140019125	0x00	0x00		TPM_STS_0_0	
1.1400201667	0x18	0x01			
1.1400212083	0x00	0x40		Read value	
1.140096375	0x80	0x40		Read 1	
1.1400974167	0x00	0x00			
1.1400984583	0x00	0x00		TPM_STS_0_1	
1.1400995	0x19	0x01			
1.1401005417	0x00	0xFF		Read value	
1.1401736667	0x80	0x00		Read 1	
1.1401747083	0x00	0x00			
1.14017575	0x00	0x00		TPM_STS_0_3	
1.1401767917	0x1A	0x01			
1.1401778333	0x00	0x00		Read value	
1.140224875	0x14	0x00		Write 21	
1.1402259167	0x00	0x00			
1.1402269583	0x00	0x00		TPM_DATA_FIFO_0	
1.140228	0x24	0x01			
1.1402290417	0x80	0x00		W1	TAG?
1.1402300833	0x01	0x00		W2	
1.140231125	0x00	0x00		W3	Param size?
1.1402321667	0x00	0x00		W4	
1.1402332083	0x00	0x00		W5	
1.14023425	0x16	0x00		..	
1.1402352917	0x00	0x00		..	Command code



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1.1402363333	0x00	..	
1.140237375	0x01		
1.1402512083	0x7A		
1.14025225	0x00		TPM2_CAP_TPM_PROPERTIES?
1.1402532917	0x00		
1.1402543333	0x00		
1.140255375	0x06		
1.1402564167	0x00		
1.1402574583	0x00		
1.1402585	0x01		
1.1402595417	0x00		
1.1402605833	0x00		
1.140261625	0x00		
1.1402626667	0x00	W21	
1.1403502917	0x80	Read 1	
1.1403513333	0x00		
1.140352375	0x00		TPM_STS_0_0
1.1403534167	0x18		
1.1403544583	0x00	Read value	
1.1539675833	0x80	Read 1	
1.153968625	0x00		
1.1539696667	0x00		TPM_STS_0_0
1.1539707083	0x18		
1.15397175	0x00	Read value	
1.1540834167	0x80	Read 1	
1.1540844583	0x00		
1.1540855	0x00		TPM_STS_0_0
1.1540865417	0x18		
1.1540875833	0x00	Read value	
1.1541669167	0x00	Write 1	
1.1541679583	0x00		
1.154169	0x00		TPM_DATA_FIFO_0
1.1541700417	0x24		
1.1541710833	0x01	Write value	
1.1542473333	0x80	Read 1	
1.154248375	0x00		
1.1542494167	0x00		TPM_STS_0_0
1.1542504583	0x18		
1.1542515	0x00	Read value	
1.1543237083	0x80	Read 1	
1.15432475	0x00		
1.1543257917	0x00		TPM_STS_0_0
1.1543268333	0x18		again
1.154327875	0x00	Read value	
1.15440075	0x00	Write 1	
1.1544017917	0x00		
1.1544028333	0x00		TPM_STS_0_0
1.154403875	0x18		
1.1544049167	0x20	Write value	
1.1544771667	0x80	Read 1	
1.1544782083	0x00		
1.15447925	0x00		TPM_STS_0_0

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1.1544802917	0x18	0x01		
1.1544813333	0x00	0x80	Read value	
1.1699277917	0x80	0x40	Read 1	
1.1699288333	0x00	0x00		
1.169929875	0x00	0x00	TPM_STS_0_0	
1.1699309167	0x18	0x01		again
1.1699319583	0x00	0x90	Read value	
1.1700141667	0x80	0x00	Read 1	
1.1700152083	0x00	0x00		
1.17001625	0x00	0x00	TPM_STS_0_0	
1.1700172917	0x18	0x01		again
1.1700183333	0x00	0x90	Read value	
1.1700912083	0x80	0x00	Read 1	
1.17009225	0x00	0x00		
1.1700932917	0x00	0x00	TPM_STS_0_1	
1.1700943333	0x19	0x01		
1.170095375	0x00	0x0A	Read value	
1.1701661667	0x80	0x00	Read 1	
1.1701672083	0x00	0x00		
1.17016825	0x00	0x00	TPM_STS_0_3	
1.1701692917	0x1A	0x01		
1.1701703333	0x00	0x00	Read value	
1.1702765	0x89	0x00	Read 10	
1.1702775417	0x00	0x00		
1.1702785833	0x00	0x00	TPM_DATA_FIFO_0	
1.170279625	0x24	0x01		
1.1702806667	0x00	0x80	R1	TPM2_ST_NO_SESSIONS
1.1702817083	0x00	0x01	R2	
1.17028275	0x00	0x00	..	Param size
1.1702837917	0x00	0x00	..	
1.1702848333	0x00	0x00	..	
1.170285875	0x00	0x0A	..	
1.1702869167	0x00	0x00	..	Result
1.1702879583	0x00	0x00	..	
1.170289	0x00	0x01	R9	
1.1702900417	0x00	0x00	R10	end of tpm2_probe()
1.1703779167	0x80	0x00	Read 1	
1.1703789583	0x00	0x00		
1.17038	0x00	0x00	MOSI TPM_STS_0	
1.1703810417	0x18	0x01		
1.1703820833	0x00	0x80	Read value	
1.170452875	0x80	0x40	Read 1	
1.1704539167	0x00	0x00		
1.1704549583	0x00	0x00	MOSI TPM_STS_0	
1.170456	0x18	0x01		again
1.1704570417	0x00	0x80	Read value	
1.17052725	0x00	0x40	Write 1	
1.1705282917	0x00	0x00		
1.1705293333	0x00	0x00	MOSI TPM_STS_0	
1.170530375	0x18	0x01		
1.1705314167	0x40	0x00	Write value	
1.170601625	0x80	0x00	Read 1	
1.1706026667	0x00	0x00		

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1.1706037083	0x00	TPM_ACCESS_0	
1.17060475	0x00		
1.1706057917	0x00	Read value	
1.1732254167	0x80	Read 1	
1.1732264583	0x00		
1.1732275	0x0F	MOSI TPM_DID_VID_0	
1.1732285417	0x00		
1.1732295833	0x00	Read value	
1.17569375	0x80	Read 1	
1.1756947917	0x00		
1.1756958333	0x0F	MOSI TPM_RID_0	
1.175696875	0x04		
1.1756979167	0x00	Read value	
1.177956625	0x80	Read 1	
1.1779576667	0x00		Think this is itpm_probe()
1.1779587083	0x0F	MOSI TPM_DID_VID_0	
1.17795975	0x00		
1.1779607917	0x00	Read value	
1.178037	0x80	Read 1	
1.1780380417	0x00		Read caps
1.1780390833	0x00	TPM_INTF_CAPABILITY_0	
1.178040125	0x14		
1.1780411667	0x00	Read value	
1.1781145833	0x80	Read 1	
1.178115625	0x00		
1.1781166667	0x00	TPM_INT_ENABLE_0	
1.1781177083	0x08		
1.17811875	0x00	Read 1	
1.1781895	0x00	Write 1	
1.1781905417	0x00		
1.1781915833	0x00	TPM_INT_ENABLE_0	
1.178192625	0x08		
1.1781936667	0x8F	Write value	zero interrupt register
1.1782655417	0x80	Read 1	
1.1782665833	0x00		
1.178267625	0x00	TPM_ACCESS_0	
1.1782686667	0x00		
1.1782697083	0x00	Read value	
1.178339625	0x80	Read 1	
1.1783406667	0x00		
1.1783417083	0x00	TPM_STS_0_0	
1.17834275	0x18		
1.1783437917	0x00	Read value	
1.17841375	0x80	Read 1	
1.1784147917	0x00		
1.1784158333	0x00	TPM_STS_0_1	
1.178416875	0x19		
1.1784179167	0x00	Read value	
1.1784889583	0x80	Read 1	
1.17849	0x00		
1.1784910417	0x00	TPM_STS_0_3	
1.1784920833	0x1A		
1.178493125	0x00	Read value	

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1.1785679167	0x09	0x00	Write 10	
1.1785689583	0x00	0x00		
1.17857	0x00	0x00	TPM_DATA_FIFO_0	
1.1785710417	0x24	0x01		
1.1785720833	0x80	0x00	W1	
1.178573125	0x01	0x00	W2	
1.1785741667	0x00	0x00		
1.1785752083	0x00	0x00		
1.17857625	0x00	0x00		
1.1785772917	0x0B	0x00		
1.1785783333	0x00	0x00		
1.178579375	0x00	0x00		
1.1785804167	0x01	0x00		
1.1785814583	0x43	0x00	W10	
1.1786650833	0x80	0x00	Read 1	
1.178666125	0x00	0x00		
1.1786671667	0x00	0x00	TPM_STS_0_0	
1.1786682083	0x18	0x01		
1.17866925	0x00	0x08	Read value	
1.1939235833	0x80	0x40	Read 1	
1.193924625	0x00	0x00		
1.1939256667	0x00	0x00	TPM_STS_0_0	
1.1939267083	0x18	0x01		
1.19392775	0x00	0x88	Read value	Poll for MSB?
1.1940082083	0x80	0x40	Read 1	
1.19400925	0x00	0x00		
1.1940102917	0x00	0x00	TPM_STS_0_0	
1.1940113333	0x18	0x01		
1.194012375	0x00	0x88	Read value	
1.194084625	0x00	0x40	Write 1	
1.1940856667	0x00	0x00		
1.1940867083	0x00	0x00	TPM_DATA_FIFO_0	
1.19408775	0x24	0x01		
1.1940887917	0x01	0x00	Write value	
1.1941591667	0x80	0x00	Read 1	
1.1941602083	0x00	0x00		
1.19416125	0x00	0x00	TPM_STS_0_0	
1.1941622917	0x18	0x01		
1.1941633333	0x00	0x80	Read value	
1.1942340417	0x80	0x40	Read 1	
1.1942350833	0x00	0x00		
1.194236125	0x00	0x00	TPM_STS_0_0	
1.1942371667	0x18	0x01		
1.1942382083	0x00	0x80	Read value	
1.1943085417	0x00	0x40	Write 1	
1.1943095833	0x00	0x00		
1.194310625	0x00	0x00	TPM_STS_0_0	
1.1943116667	0x18	0x01		
1.1943127083	0x20	0x00	Write value	
1.194383375	0x80	0x00	Read 1	
1.1943844167	0x00	0x00		
1.1943854583	0x00	0x00	TPM_STS_0_0	
1.1943865	0x18	0x01		

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1.1943875417	0x00	0x80	Read value	
1.2099243333	0x80	0x40	Read 1	
1.209925375	0x00	0x00		
1.2099264167	0x00	0x00	TPM_STS_0_0	
1.2099275	0x18	0x01		
1.2099285	0x00	0x90	Read value	radical change in STS_0
1.2100082083	0x80	0x00	Read 1	
1.21000925	0x00	0x00		
1.2100102917	0x00	0x00	TPM_STS_0_0	
1.2100113333	0x18	0x01		
1.210012375	0x00	0x90	Read value	
1.210083375	0x80	0x00	Read 1	
1.2100844167	0x00	0x00		
1.2100854583	0x00	0x00	TPM_STS_0_1	
1.2100865	0x19	0x01		
1.2100875417	0x00	0x0A	Read value	
1.210157	0x80	0x00	Read 1	
1.2101580417	0x00	0x00		
1.2101590833	0x00	0x00	TPM_STS_0_3	
1.210160125	0x1A	0x01		
1.2101611667	0x00	0x00	Read value	
1.2102564583	0x89	0x00	Read 10	
1.2102575	0x00	0x00		
1.2102585417	0x00	0x00	TPM_DATA_FIFO_0	
1.2102595833	0x24	0x01		
1.210260625	0x00	0x80	R1	
1.2102616667	0x00	0x01	R2	
1.2102627083	0x00	0x00		
1.21026375	0x00	0x00		
1.2102647917	0x00	0x00		
1.2102658333	0x00	0x0A		
1.210266875	0x00	0x00		
1.2102679167	0x00	0x00		
1.2102689583	0x00	0x01		
1.21027	0x00	0x00	R10	
1.2103529167	0x80	0x00	Read 1	
1.2103539583	0x00	0x00		
1.210355	0x00	0x00	TPM_STS_0_0	
1.2103560417	0x18	0x01		
1.2103570833	0x00	0x80	Read value	
1.2104275417	0x80	0x40	Read 1	
1.2104285833	0x00	0x00		
1.210429625	0x00	0x00	TPM_STS_0_0	
1.2104306667	0x18	0x01		
1.2104317083	0x00	0x80	Read value	
1.2105019167	0x00	0x40	Write 1	
1.2105029583	0x00	0x00		
1.210504	0x00	0x00	TPM_STS_0_0	
1.2105050417	0x18	0x01		
1.2105060833	0x40	0x00	Write value	
1.2105751667	0x80	0x00	Read 1	
1.2105762083	0x00	0x00		
1.21057725	0x00	0x00	TPM_ACCESS_0	

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1.2105782917 0x00	0x01	
1.2105793333 0x00	0xA1	Read value
1.22078775 0x80	0x40	Read 1
1.2207887917 0x00	0x00	
1.2207898333 0x00	0x00	TPM_ACCESS_0
1.220790875 0x00	0x01	
1.2207919167 0x00	0xA1	Read value
1.2208692083 0x80	0x40	Read 1
1.22087025 0x00	0x00	
1.2208712917 0x00	0x00	TPM_STS_0_0
1.2208723333 0x18	0x01	
1.220873375 0x00	0x40	Read value
1.2209466667 0x80	0x40	Read 1
1.2209477083 0x00	0x00	
1.22094875 0x00	0x00	TPM_STS_0_1
1.2209497917 0x19	0x01	
1.2209508333 0x00	0xFF	Read value
1.22102125 0x80	0x00	Read 1
1.2210222917 0x00	0x00	
1.2210233333 0x00	0x00	TPM_STS_0_3
1.221024375 0x1A	0x01	
1.2210254167 0x00	0x00	Read value
1.2211003333 0x0A	0x00	Write 11
1.221101375 0x00	0x00	
1.2211024167 0x00	0x00	TPM_DATA_FIFO_0
1.2211034583 0x24	0x01	
1.2211045 0x80	0x00	W1
1.2211055417 0x01	0x00	W2
1.2211065833 0x00	0x00	
1.221107625 0x00	0x00	
1.2211086667 0x00	0x00	
1.2211097083 0x0C	0x00	
1.22111075 0x00	0x00	
1.2211117917 0x00	0x00	
1.2211128333 0x01	0x00	
1.221113875 0x44	0x00	
1.2211149167 0x00	0x00	W11
1.22119875 0x80	0x00	Read 1
1.2211997917 0x00	0x00	
1.2212008333 0x00	0x00	TPM_STS_0_0
1.221201875 0x18	0x01	
1.2212029167 0x00	0x08	Read value
1.2339266667 0x80	0x40	Read 1
1.2339277083 0x00	0x00	
1.23392875 0x00	0x00	TPM_STS_0_0
1.2339297917 0x18	0x01	
1.2339308333 0x00	0x88	Read value
1.2340097917 0x80	0x40	Read 1
1.2340108333 0x00	0x00	
1.234011875 0x00	0x00	TPM_STS_0_0
1.2340129167 0x18	0x01	
1.2340139583 0x00	0x88	Read value
1.2340859583 0x00	0x40	Write 1

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1.234087	0x00	
1.2340880417	0x00	TPM_DATA_FIFO_0
1.2340890833	0x24	
1.234090125	0x00	Write value
1.2341599583	0x80	Read 1
1.234161	0x00	
1.2341620417	0x00	TPM_STS_0_0
1.2341630833	0x18	
1.234164125	0x00	Read value
1.2342355	0x80	Read 1
1.2342365417	0x00	
1.2342375833	0x00	TPM_STS_0_0
1.234238625	0x18	
1.2342396667	0x00	Read value
1.234309875	0x40	Write 1
1.2343109167	0x00	
1.2343119583	0x00	TPM_STS_0_0
1.234313	0x18	
1.2343140417	0x20	Write value
1.2343842917	0x80	Read 1
1.2343853333	0x00	
1.234386375	0x00	TPM_STS_0_0
1.2343874167	0x18	
1.2343884583	0x00	Read value
1.2499266667	0x80	Read 1
1.2499277083	0x00	
1.24992875	0x00	TPM_STS_0_0
1.2499297917	0x18	
1.2499308333	0x00	Read value
1.2500105833	0x80	Read 1
1.250011625	0x00	
1.2500126667	0x00	TPM_STS_0_0
1.2500137083	0x18	
1.25001475	0x90	Read value
1.25008575	0x80	Read 1
1.2500867917	0x00	
1.2500878333	0x00	TPM_STS_0_1
1.250088875	0x19	
1.2500899167	0x00	Read value
1.25015975	0x80	Read 1
1.2501607917	0x00	
1.2501618333	0x00	TPM_STS_0_3
1.250162875	0x1A	
1.2501639167	0x00	Read value
1.2502609167	0x89	Read 10
1.2502619583	0x00	
1.250263	0x00	TPM_DATA_FIFO_0
1.2502640417	0x24	
1.2502650833	0x00	R1
1.250266125	0x00	R2
1.2502671667	0x00	
1.2502682083	0x00	
1.25026925	0x00	



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1.2502702917	0x00	0x0A	
1.2502713333	0x00	0x00	
1.250272375	0x00	0x00	
1.2502734167	0x00	0x00	
1.2502744583	0x00	0x00	R10
1.250356375	0x80	0x00	Read 1
1.2503574167	0x00	0x00	
1.2503584583	0x00	0x00	TPM_STS_0_0
1.2503595	0x18	0x01	
1.2503605417	0x00	0x80	Read value
1.2504305833	0x80	0x40	Read 1
1.2504316667	0x00	0x00	
1.2504326667	0x00	0x00	TPM_STS_0_0
1.25043375	0x18	0x01	
1.25043475	0x00	0x80	Read value
1.250504375	0x00	0x40	Write 1
1.2505054167	0x00	0x00	
1.2505064583	0x00	0x00	TPM_STS_0_0
1.2505075	0x18	0x01	
1.2505085417	0x40	0x00	Write value
1.2505783333	0x80	0x00	Read 1
1.250579375	0x00	0x00	
1.2505804167	0x00	0x00	TPM_ACCESS_0
1.2505814583	0x00	0x01	
1.2505825	0x00	0xA1	Read value
1.2506538333	0x80	0x40	Read 1
1.250654875	0x00	0x00	
1.2506559167	0x00	0x00	TPM_ACCESS_0
1.2506569583	0x00	0x01	
1.250658	0x00	0xA1	Read value
1.2507282917	0x80	0x40	Read 1
1.2507293333	0x00	0x00	
1.250730375	0x00	0x00	TPM_STS_0_0
1.2507314167	0x18	0x01	
1.2507324583	0x00	0x40	Read value
1.2508021667	0x80	0x40	Read 1
1.2508032083	0x00	0x00	
1.25080425	0x00	0x00	TPM_STS_0_1
1.2508052917	0x19	0x01	
1.2508063333	0x00	0xFF	Read value
1.2508757917	0x80	0x00	Read 1
1.2508768333	0x00	0x00	
1.250877875	0x00	0x00	TPM_STS_0_3
1.2508789167	0x1A	0x01	
1.2508799583	0x00	0x00	Read value
1.2509537083	0x09	0x00	Write 10
1.25095475	0x00	0x00	
1.2509557917	0x00	0x00	TPM_DATA_FIFO_0
1.2509568333	0x24	0x01	
1.250957875	0x80	0x00	W1
1.2509589167	0x01	0x00	W2
1.2509599583	0x00	0x00	
1.250961	0x00	0x00	

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1.2509620417	0x00	0x00	
1.2509630833	0x0B	0x00	
1.250964125	0x00	0x00	
1.2509651667	0x00	0x00	
1.2509662083	0x01	0x00	
1.25096725	0x43	0x00	W10
1.2510489583	0x80	0x00	Read 1
1.25105	0x00	0x00	TPM_STS_0_0
1.2510510417	0x00	0x00	
1.2510520833	0x18	0x01	
1.251053125	0x00	0x08	Read value
1.265934375	0x80	0x40	Read 1
1.2659354167	0x00	0x00	
1.2659364583	0x00	0x00	TPM_STS_0_0
1.2659375	0x18	0x01	
1.2659385417	0x00	0x88	Read value
1.266020125	0x80	0x40	Read 1
1.2660211667	0x00	0x00	
1.2660222083	0x00	0x00	TPM_STS_0_0
1.26602325	0x18	0x01	
1.2660242917	0x00	0x88	Read value
1.2660967083	0x00	0x40	Write 1
1.26609775	0x00	0x00	
1.2660987917	0x00	0x00	TPM_DATA_FIFO_0
1.2660998333	0x24	0x01	
1.266100875	0x01	0x00	Write value
1.2661712083	0x80	0x00	Read 1
1.26617225	0x00	0x00	
1.2661732917	0x00	0x00	TPM_STS_0_0
1.2661743333	0x18	0x01	
1.266175375	0x00	0x80	Read value
1.2662455833	0x80	0x40	Read 1
1.266246625	0x00	0x00	
1.2662476667	0x00	0x00	TPM_STS_0_0
1.2662487083	0x18	0x01	
1.26624975	0x00	0x80	Read value
1.2663196667	0x00	0x40	Read 1
1.2663207083	0x00	0x00	
1.26632175	0x00	0x00	TPM_STS_0_0
1.2663227917	0x18	0x01	
1.2663238333	0x20	0x00	Read value
1.266394625	0x80	0x00	Read 1
1.2663956667	0x00	0x00	
1.2663967083	0x00	0x00	TPM_STS_0_0
1.26639775	0x18	0x01	
1.2663987917	0x00	0x80	Read value
1.281926375	0x80	0x40	Read 1
1.2819274167	0x00	0x00	
1.2819284583	0x00	0x00	TPM_STS_0_0
1.2819295	0x18	0x01	
1.2819305417	0x00	0x80	Read value
1.2979269167	0x80	0x40	Read 1
1.2979279583	0x00	0x00	

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Address	Value	Operation
1.297929 0x00	0x00	TPM_STS_0_0
1.2979300417 0x18	0x01	
1.2979310833 0x00	0x80	Read value
1.313925875 0x80	0x40	Polling
1.3139269167 0x00	0x00	
1.3139279583 0x00	0x00	
1.313929 0x18	0x01	
1.3139300417 0x00	0x80	
1.329935875 0x80	0x40	
1.3299369167 0x00	0x00	
1.3299379583 0x00	0x00	
1.329939 0x18	0x01	
1.3299400417 0x00	0x80	
1.3459296667 0x80	0x40	
1.3459307083 0x00	0x00	
1.34593175 0x00	0x00	
1.3459327917 0x18	0x01	
1.3459338333 0x00	0x80	
1.3619272917 0x80	0x40	
1.3619283333 0x00	0x00	
1.361929375 0x00	0x00	
1.3619304167 0x18	0x01	
1.3619314583 0x00	0x80	
1.3779300833 0x80	0x40	
1.377931125 0x00	0x00	
1.3779321667 0x00	0x00	
1.3779332083 0x18	0x01	
1.37793425 0x00	0x80	
1.3939279167 0x80	0x40	
1.3939289583 0x00	0x00	
1.39393 0x00	0x00	
1.3939310417 0x18	0x01	
1.3939320833 0x00	0x80	
1.40992875 0x80	0x40	
1.4099297917 0x00	0x00	
1.4099308333 0x00	0x00	
1.409931875 0x18	0x01	
1.4099329167 0x00	0x80	
1.4259285 0x80	0x40	
1.4259295417 0x00	0x00	
1.4259305833 0x00	0x00	
1.425931625 0x18	0x01	
1.4259326667 0x00	0x80	
1.4419289583 0x80	0x40	
1.44193 0x00	0x00	
1.4419310417 0x00	0x00	
1.4419320833 0x18	0x01	
1.441933125 0x00	0x80	
1.4579303333 0x80	0x40	
1.457931375 0x00	0x00	
1.4579324167 0x00	0x00	
1.4579334583 0x18	0x01	
1.4579345 0x00	0x80	

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1.474235625	0x80	0x40	Read 1	
1.4742366667	0x00	0x00		
1.4742377083	0x00	0x00	TPM_STS_0_0	
1.47423875	0x18	0x01		
1.4742397917	0x00	0x94	Read value	Polling complete
1.4744053333	0x80	0x00	Read 1	
1.474406375	0x00	0x00		
1.4744074167	0x00	0x00	TPM_STS_0_0	
1.4744084583	0x18	0x01		
1.4744095	0x00	0x94	Read value	
1.4745453333	0x80	0x00	Read 1	
1.474546375	0x00	0x00		
1.4745474167	0x00	0x00	TPM_STS_0_1	
1.4745484583	0x19	0x01		
1.4745495	0x00	0x0A	Read value	
1.474681875	0x80	0x00	Read 1	
1.4746829167	0x00	0x00		
1.4746839583	0x00	0x00	TPM_STS_0_3	
1.474685	0x1A	0x01		
1.4746860417	0x00	0x00	Read value	
1.474863625	0x89	0x00	Read 10	
1.4748646667	0x00	0x00		
1.4748657083	0x00	0x00	TPM_DATA_FIFO_0	
1.47486675	0x24	0x01		
1.4748677917	0x00	0x80	R1	
1.4748688333	0x00	0x01	R2	
1.474869875	0x00	0x00		
1.4748709167	0x00	0x00		
1.4748719583	0x00	0x00		
1.474873	0x00	0x0A		
1.4748740417	0x00	0x00		
1.4748750833	0x00	0x00		
1.474876125	0x00	0x00		
1.4748771667	0x00	0x00	R10	
1.475072375	0x80	0x00	Read 1	
1.4750734167	0x00	0x00		
1.4750744583	0x00	0x00	TPM_STS_0_0	
1.4750755	0x18	0x01		
1.4750765417	0x00	0x84	Read value	
1.47520875	0x80	0x40	Read 1	
1.4752097917	0x00	0x00		
1.4752108333	0x00	0x00	TPM_STS_0_0	
1.475211875	0x18	0x01		
1.4752129167	0x00	0x84	Read value	
1.4753429583	0x00	0x40	Read 1	
1.475344	0x00	0x00		
1.4753450417	0x00	0x00	TPM_STS_0_0	
1.4753460833	0x18	0x01		
1.475347125	0x40	0x00	Read value	
1.4754761667	0x80	0x00	Read 1	
1.4754772083	0x00	0x00		
1.47547825	0x00	0x00	TPM_ACCESS_0	
1.4754792917	0x00	0x01		

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1.4754803333 0x00	0xA1	Read value
1.4756144583 0x80	0x40	Read 1
1.4756155 0x00	0x00	
1.4756165417 0x00	0x00	TPM_ACCESS_0
1.4756175833 0x00	0x01	
1.475618625 0x00	0xA1	Read value
1.475746375 0x80	0x40	Read 1
1.4757474167 0x00	0x00	
1.4757484583 0x00	0x00	TPM_STS_0_0
1.4757495 0x18	0x01	
1.4757505417 0x00	0x44	Read value
1.4758757917 0x80	0x40	Read 1
1.4758768333 0x00	0x00	
1.475877875 0x00	0x00	TPM_STS_0_1
1.4758789167 0x19	0x01	
1.4758799583 0x00	0xFF	Read value
1.476006375 0x80	0x00	Read 1
1.4760074167 0x00	0x00	
1.4760084583 0x00	0x00	TPM_STS_0_3
1.4760095 0x1A	0x01	
1.4760105417 0x00	0x00	Read value
1.476095625 0x12	0x00	Write 19
1.4760966667 0x00	0x00	
1.4760977083 0x00	0x00	TPM_DATA_FIFO_0
1.47609875 0x24	0x01	
1.4760997917 0x80	0x00	W1
1.4761008333 0x01	0x00	W2
1.476101875 0x00	0x00	
1.4761029167 0x00	0x00	
1.4761039583 0x00	0x00	
1.476105 0x14	0x00	
1.4761060417 0x00	0x00	
1.4761070833 0x00	0x00	
1.476108125 0x01	0x00	
1.4761091667 0x7E	0x00	
1.4761102083 0x00	0x00	
1.47611125 0x00	0x00	
1.4761122917 0x00	0x00	
1.4761133333 0x01	0x00	
1.476134375 0x00	0x00	
1.4761354167 0x04	0x00	
1.4761364583 0x03	0x00	
1.4761375 0x01	0x00	
1.4761385417 0x00	0x00	W19
1.4762678333 0x80	0x00	Read 1
1.476268875 0x00	0x00	
1.4762699167 0x00	0x00	TPM_STS_0_0
1.4762709583 0x18	0x01	
1.476272 0x00	0x0C	Read value
1.4900004167 0x80	0x40	Read 1
1.4900014583 0x00	0x00	
1.4900025 0x00	0x00	TPM_STS_0_0
1.4900035417 0x18	0x01	

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1.4900045833	0x00	0x8C	Read value	
1.490134875	0x80	0x40	Read 1	
1.4901359167	0x00	0x00		
1.4901369583	0x00	0x00	TPM_STS_0_0	
1.490138	0x18	0x01		
1.4901390417	0x00	0x8C	Read value	
1.4902678333	0x00	0x40	Write 1	
1.490268875	0x00	0x00		
1.4902699167	0x00	0x00	TPM_DATA_FIFO_0	
1.4902709583	0x24	0x01		
1.490272	0x00	0x00	Write value	
1.4903999583	0x80	0x00	Read 1	
1.490401	0x00	0x00		
1.4904020417	0x00	0x00	TPM_STS_0_0	
1.4904030833	0x18	0x01		
1.490404125	0x00	0x84	Read value	Polling?
1.4905300417	0x80	0x40		
1.4905310833	0x00	0x00		
1.490532125	0x00	0x00		
1.4905331667	0x18	0x01		
1.4905342083	0x00	0x84		
1.49066075	0x00	0x40		
1.4906617917	0x00	0x00		
1.4906628333	0x00	0x00		
1.490663875	0x18	0x01		
1.4906649167	0x20	0x00		
1.4907915833	0x80	0x00		
1.490792625	0x00	0x00		
1.4907936667	0x00	0x00		
1.4907947083	0x18	0x01		
1.49079575	0x00	0x84		
1.505997375	0x80	0x40	Read 1	
1.5059984167	0x00	0x00		
1.5059994583	0x00	0x00	TPM_STS_0_0	
1.5060005	0x18	0x01		
1.5060015417	0x00	0x94	Read value	Polling complete
1.5061314583	0x80	0x00	Read 1	
1.5061325	0x00	0x00		
1.5061335417	0x00	0x00	TPM_STS_0_0	
1.5061345833	0x18	0x01		
1.506135625	0x00	0x94	Read value	
1.5062625417	0x80	0x00	Read 1	
1.5062635833	0x00	0x00		
1.506264625	0x00	0x00	TPM_STS_0_1	
1.5062656667	0x19	0x01		
1.5062667083	0x00	0x32	Read value	
1.506391625	0x80	0x00	Read 1	
1.5063926667	0x00	0x00		
1.5063937083	0x00	0x00	TPM_STS_0_3	
1.50639475	0x1A	0x01		
1.5063957917	0x00	0x00	Read value	
1.5065665417	0x89	0x00	Read 10	
1.5065675833	0x00	0x00		

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1.506568625 0x00	0x00	TPM_DATA_FIFO_0	
1.5065696667 0x24	0x01		
1.5065707083 0x00	0x80	R1	TAG?
1.50657175 0x00	0x01	R2	
1.5065727917 0x00	0x00		50 bytes
1.5065738333 0x00	0x00		xfer size
1.506574875 0x00	0x00		total
1.5065759167 0x00	0x32		
1.5065769583 0x00	0x00		
1.506578 0x00	0x00		
1.5065790417 0x00	0x00		
1.5065800833 0x00	0x00	R10	
1.5067036667 0x80	0x00	Read 1	
1.5067047083 0x00	0x00		
1.50670575 0x00	0x00	TPM_STS_0_0	
1.5067067917 0x18	0x01		
1.5067078333 0x00	0x94	Read value	
1.5068335 0x80	0x00	Read 1	
1.5068345417 0x00	0x00		
1.5068355833 0x00	0x00	TPM_STS_0_1	
1.506836625 0x19	0x01		
1.5068376667 0x00	0x28	Read value	
1.506964625 0x80	0x00	Read 1	
1.5069656667 0x00	0x00		
1.5069667083 0x00	0x00	TPM_STS_0_3	
1.50696775 0x1A	0x01		
1.5069687917 0x00	0x00	Read value	
1.50946575 0xA7	0x00	Read 40	
1.5094667917 0x00	0x00		
1.5094678333 0x00	0x00	TPM_DATA_FIFO_0	
1.509468875 0x24	0x01		
1.5094699167 0x00	0x00	R11	continues
1.5094709583 0x00	0x00	R12	
1.509472 0x00	0x00		
1.5094730417 0x00	0x14		
1.5094740833 0x00	0x00		
1.509475125 0x00	0x00		
1.5094761667 0x00	0x00		
1.5094772083 0x00	0x01		
1.50947825 0x00	0x00		
1.5094792917 0x00	0x04		
1.5094803333 0x00	0x03		
1.509481375 0x00	0x01		
1.5094824167 0x00	0x00		
1.5094834583 0x00	0x00		
1.509487125 0x00	0x00		
1.5094881667 0x00	0x00		
1.5094892083 0x00	0x00		
1.50949025 0x00	0x01		
1.5094912917 0x00	0x00		
1.5094923333 0x00	0x14		
1.509493375 0x00	0x00		
1.5094944167 0x00	0x00		

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1.5094954583 0x00	0x00		
1.5094965 0x00	0x00		
1.5094975417 0x00	0x00		
1.5094985833 0x00	0x00		
1.509499625 0x00	0x00		
1.5095006667 0x00	0x00		
1.509504 0x00	0x00		
1.5095050417 0x00	0x00		
1.5095060833 0x00	0x00		
1.509507125 0x00	0x00		
1.5095081667 0x00	0x00		
1.5095092083 0x00	0x00		
1.50951025 0x00	0x00		
1.5095112917 0x00	0x00		
1.5095123333 0x00	0x00		
1.509513375 0x00	0x00		
1.5095144167 0x00	0x00		
1.5095154583 0x00	0x00	R50	Done!
1.5097055 0x80	0x00	Read 1	
1.5097065417 0x00	0x00		
1.5097075833 0x00	0x00	TPM_STS_0_0	
1.509708625 0x18	0x01		
1.5097096667 0x00	0x84	Read value	
1.5098359167 0x80	0x40	Read 1	
1.5098369583 0x00	0x00		
1.509838 0x00	0x00	TPM_STS_0_0	
1.5098390417 0x18	0x01		
1.5098400833 0x00	0x84	Read value	
1.5100165 0x00	0x40	Write 1	
1.5100175417 0x00	0x00		
1.5100185833 0x00	0x00	TPM_STS_0_0	
1.510019625 0x18	0x01		
1.5100206667 0x40	0x00	Write value	
1.51014325 0x80	0x00	Read 1	
1.5101442917 0x00	0x00		
1.5101453333 0x00	0x00	TPM_ACCESS_0	
1.510146375 0x00	0x01		
1.5101474167 0x00	0xA1	Read value	