

Register DMA

- ISR = 0x00000770
- IFCR = 0x00000000
- CCR1 = 0x00000000
- CNDTR1 = 0x00000000
- CPAR1 = 0x00000000
- CMAR1 = 0x00000000
- CCR2 = 0x00003081
 - EN = 1
 - TCIE = 0
 - HTIE = 0
 - TEIE = 0
 - DIR = 0
 - CIRC = 0
 - PINC = 0
 - MINC = 1
 - PSIZE = 0x0
 - MSIZE = 0x0
 - PL = 0x3
 - MEM2MEM = 0
- CNDTR2 = 0x00000000
 - NDT = 0x0000
- CPAR2 = 0x4001300C
 - PA = 0x4001300C
- CMAR2 = 0x2000000F
 - MA = 0x2000000F
- CCR3 = 0x00003091
 - EN = 1
 - TCIE = 0
 - HTIE = 0
 - TEIE = 0
 - DIR = 1
 - CIRC = 0
 - PINC = 0
 - MINC = 1
- CCR3
 - PSIZE = 0x0
 - MSIZE = 0x0
 - PL = 0x3
 - MEM2MEM = 0
- CNDTR3 = 0x00000000
 - NDT = 0x0000
- CPAR3 = 0x4001300C
 - CMAR3 = 0x20000000
- CCR4 = 0x00000000
- CNDTR4 = 0x00000000
 - CPAR4 = 0x00000000
 - CMAR4 = 0x00000000
- CCR5 = 0x00000000
- CNDTR5 = 0x00000000
 - CPAR5 = 0x00000000
 - CMAR5 = 0x00000000
- CCR6 = 0x00000000
- CNDTR6 = 0x00000000
 - CPAR6 = 0x00000000
 - CMAR6 = 0x00000000
- CCR7 = 0x00000000
- CNDTR7 = 0x00000000
 - CPAR7 = 0x00000000
 - CMAR7 = 0x00000000

Register SPI1

- CR1 = 0x00002040
 - BIDIMODE = 0
 - BIDIOE = 0
 - CRCEN = 1
 - CRCNEXT = 0
 - DFF = 0
 - RXONLY = 0
 - SSM = 0
 - SSI = 0
 - LSBFIRST = 0
 - SPE = 1
 - BR = 0x0
 - MSTR = 0
 - CPOL = 0
 - CPHA = 0
- CR2 = 0x00001703
 - RXDMAEN = 1
 - TXDMAEN = 1
 - SSEO = 0
 - NSSP = 0
 - FRF = 0
 - ERRIE = 0
 - RXNEIE = 0
 - TXEIE = 0
 - DS = 0x7
 - FRXTH = 1
 - LDMA_RX = 0
 - LDMA_TX = 0
- SR = 0x00000800
 - RXNE = 0
 - TXE = 0
 - CHSIDE = 0
 - UDR = 0
 - CRCERR = 0
- SR
 - MODF = 0
 - OVR = 0
 - BSY = 0
 - TIFRFE = 0
 - FRLVL = 0x0
 - FTLVL = 0x1
 - DR = 0x00000000
 - CRCPR = 0x00000107
 - RXCRCR = 0x00000000
 - RxCRC = 0x0000
 - TXCRCR = 0x0000004B
 - I2SCFGR = 0x00000000
 - I2SPR = 0x00000002

Expression	Value	Location	Type
aryRcvBuf	<array>" , "	0x2000000C	unsigned char[10]
[0]	' ' (0x81)	0x2000000C	unsigned char
[1]	'.' (0x02)	0x2000000D	unsigned char
[2]	'\0' (0x00)	0x2000000E	unsigned char
[3]	'\0' (0x00)	0x2000000F	unsigned char
[4]	'\0' (0x00)	0x20000010	unsigned char
[5]	'\0' (0x00)	0x20000011	unsigned char
[6]	'.' (0x01)	0x20000012	unsigned char
[7]	'\0' (0x00)	0x20000013	unsigned char
[8]	'\0' (0x00)	0x20000014	unsigned char
[9]	'\0' (0x00)	0x20000015	unsigned char
Register_Base	<array>" , \u0000"	0x20000000	unsigned char[9]

CRC8

OK

Register DMA

- ISR = 0x00000770
- IFCR = WWWWWWW
- CCR1 = 0x00000000
- CNDTR1 = 0x00000000
- CPAR1 = 0x00000000
- CMAR1 = 0x00000000
- CCR2 = 0x00003081
- EN = 1
- TCIE = 0
- HTIE = 0
- TEIE = 0
- DIR = 0
- CIRC = 0
- PINC = 0
- MINC = 1
- PSIZE = 0x0
- MSIZE = 0x0
- PL = 0x3
- MEM2MEM = 0
- CNDTR2 = 0x00000000
- NDT = 0x0000
- CPAR2 = 0x4001300C
- PA = 0x4001300C
- CMAR2 = 0x2000000F
- MA = 0x2000000F
- CCR3 = 0x00003091
- EN = 1
- TCIE = 0
- HTIE = 0
- TEIE = 0
- DIR = 1
- CIRC = 0
- PINC = 0
- MINC = 1

Register SPI1

- CR1 = 0x00002040
- BIDIMODE = 0
- BIDIOE = 0
- CRCEN = 1
- CRCNEXT = 0
- DFF = 0
- RXONLY = 0
- SSM = 0
- SSI = 0
- LSBFIRST = 0
- SPE = 1
- BR = 0x0
- MSTR = 0
- CPOL = 0
- CPHA = 0
- CR2 = 0x00001703
- RXDMAEN = 1
- TXDMAEN = 1
- SSOE = 0
- NSSP = 0
- FRF = 0
- ERRIE = 0
- RXNEIE = 0
- TXEIE = 0
- DS = 0x7
- FRXTH = 1
- LDMA_RX = 0
- LDMA_TX = 0
- SR = 0x00000800
- RXNE = 0
- TXE = 0
- CHSIDE = 0
- UDR = 0
- CRCERR = 0

Register CCR3

- PSIZE = 0x0
- MSIZE = 0x0
- PL = 0x3
- MEM2MEM = 0
- CNDTR3 = 0x00000000
- NDT = 0x0000
- CPAR3 = 0x4001300C
- CMAR3 = 0x20000000
- CCR4 = 0x00000000
- CNDTR4 = 0x00000000
- CPAR4 = 0x00000000
- CMAR4 = 0x00000000
- CCR5 = 0x00000000
- CNDTR5 = 0x00000000
- CPAR5 = 0x00000000
- CMAR5 = 0x00000000
- CCR6 = 0x00000000
- CNDTR6 = 0x00000000
- CPAR6 = 0x00000000
- CMAR6 = 0x00000000
- CCR7 = 0x00000000
- CNDTR7 = 0x00000000
- CPAR7 = 0x00000000
- CMAR7 = 0x00000000

Register SR

- MODF = 0
- OVR = 0
- BSY = 0
- TIFRFE = 0
- FRLVL = 0x0
- FTLVL = 0x1
- DR = 0x00000000
- CRCPR = 0x00000107
- RXCRCR = 0x000000DB
- RxCRC = 0x00DB
- TXCRCR = 0x0000004B
- I2SCFGR = 0x00000000
- I2SPR = 0x00000002

Expression	Value	Location	Type
aryRcvBuf	<array> ", "	0x2000000C	unsigned char[10]
[0]	' ' (0x81)	0x2000000C	unsigned char
[1]	'.' (0x02)	0x2000000D	unsigned char
[2]	'\0' (0x00)	0x2000000E	unsigned char
[3]	'\0' (0x00)	0x2000000F	unsigned char
[4]	'\0' (0x00)	0x20000010	unsigned char
[5]	'\0' (0x00)	0x20000011	unsigned char
[6]	'E' (0x45)	0x20000012	unsigned char
[7]	'\0' (0x00)	0x20000013	unsigned char
[8]	'\0' (0x00)	0x20000014	unsigned char
[9]	'\0' (0x00)	0x20000015	unsigned char
Register_Base	<array> " , " "	0x20000000	unsigned char[9]

Should be a CRC Error here.

CRC8