0 1 2 3 4 5 6 7 | 8 9 10 11 12 13 14 15 | 16 17 18 19 20 21 22 23 | 24 25 26 27 28 29 30 31 | 32 33 34 35 36 37 38 39 | 40 41 42 43 44 45 46 47 | 48 49 50 51 52 53 54 55 | 56 57 58 59 60 61 62 63

Byte 0 | Byte 1 | Byte 2 | Byte 3 | Byte 4 | Byte 5 | Byte 6 | Byte 7

0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7 | 0 1 2 3 4 5 6 7

ATOMIC Request Packets

Byte 0 > ackID, VC, CRF, prio, tt 0 0, ftype 0 1 0 1	destinationID	sourceID [0:15]
Byte 8 > sourceID [16:31], transaction, wrsize, srcTID	Extended Address [0:31]	
Byte 16 > Address [0:29], wdptr, xam sbs	double-word 0 [0:31]	
Byte 24 > double-word 0 [32:63]	Final CRC	Logic 0 Pad

NWRITE, NWRITE_R, CASTOUT, FLUSH with data Request Packets (Where N < 8)

Byte 0 > ackID, VC, CRF, prio, tt 0 0, ftype 0 1 0 1	destinationID	sourceID [0:15]
Byte 8 > sourceID [16:31], transaction, wrsize, srcTID	Extended Address [0:31]	
Byte 16 > Address [0:29], wdptr, xam sbs	double-word 0 [0:31]	
⋮		
Byte (16 + (N-1)*8) > double-word 0 [32:63]	double-word n [0:31]	
Byte (16 + N*8) > double-word n [32:63]	Final CRC	Logic 0 Pad

NWRITE, NWRITE_R, CASTOUT, FLUSH with data Request Packets (Where N = 8)

Byte 0 > ackID, VC, CRF, prio, 0 0 0 1 0 1	destinationID	sourceID [0:15]
Byte 8 > sourceID [16:31], transaction, wrsize, srcTID	Extended Address [0:31]	
Byte 16 > Address [0:29], wdptr, xam sbs	double-word 0 [0:31]	
⋮		
Byte 72 > double-word 6 [32:63]	double-word 7 [0:31]	
Byte 80 > Early CRC	double-word 7 [32:63]	Final CRC

NWRITE, NWRITE_R, CASTOUT, FLUSH with data Request Packets (Where N > 8)

Byte 0 > ackID, VC, CRF, prio, tt 0 0, ftype 0 1 0 1	destinationID	sourceID [0:15]
Byte 8 > sourceID [16:31], transaction, wrsize, srcTID	Extended Address [0:31]	
Byte 16 > Address [0:29], wdptr, xam sbs	double-word 0 [0:31]	
Byte 72 > double-word 6 [32:63]	double-word 7 [0:31]	
Byte 80 > Early CRC	double-word 7 [32:63]	double-word 8 [0:15]
Byte 88 > double-word 8 [16:63]	double-word 9 [0:15]	
Byte (16 + (N-1)*8) > double-word n-1 [16:63]	double-word n [0:15]	
Byte (16 + N*8) > double-word n [16:63]	Final CRC	

Notes: N is the number of double-words in the payload.
   n = n-1