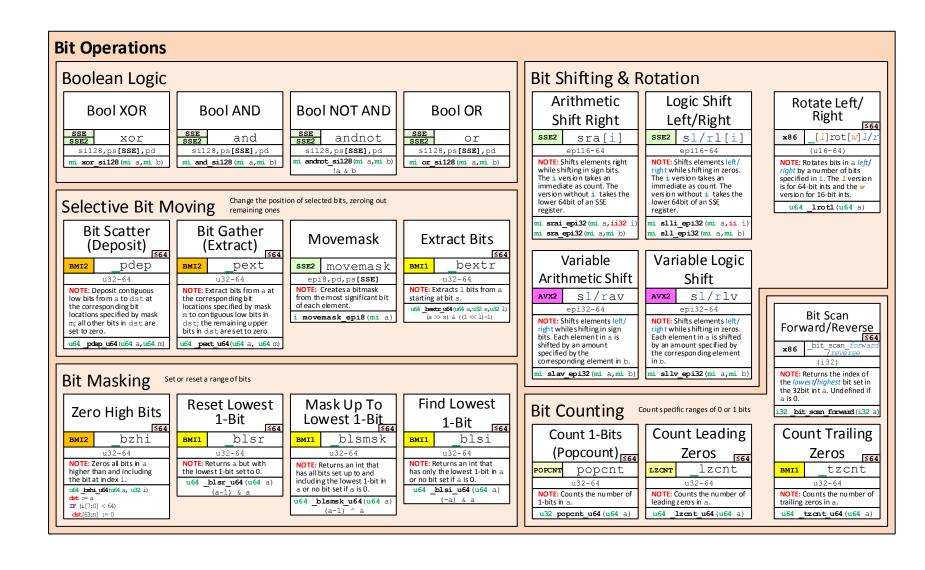
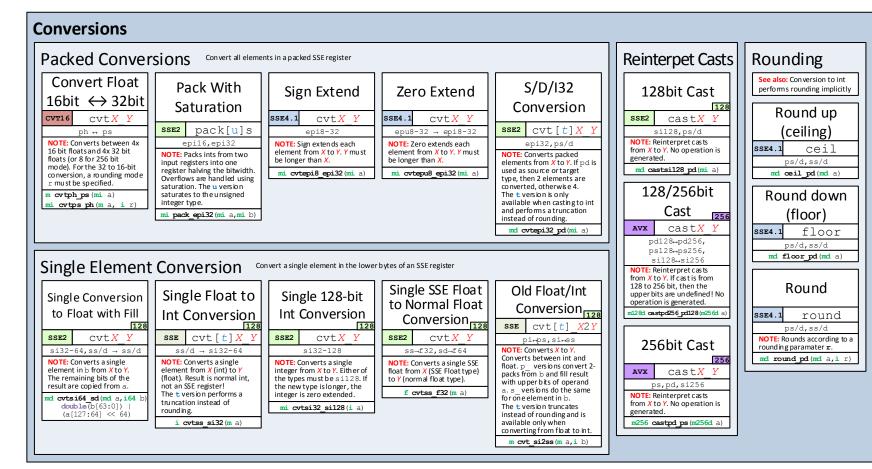


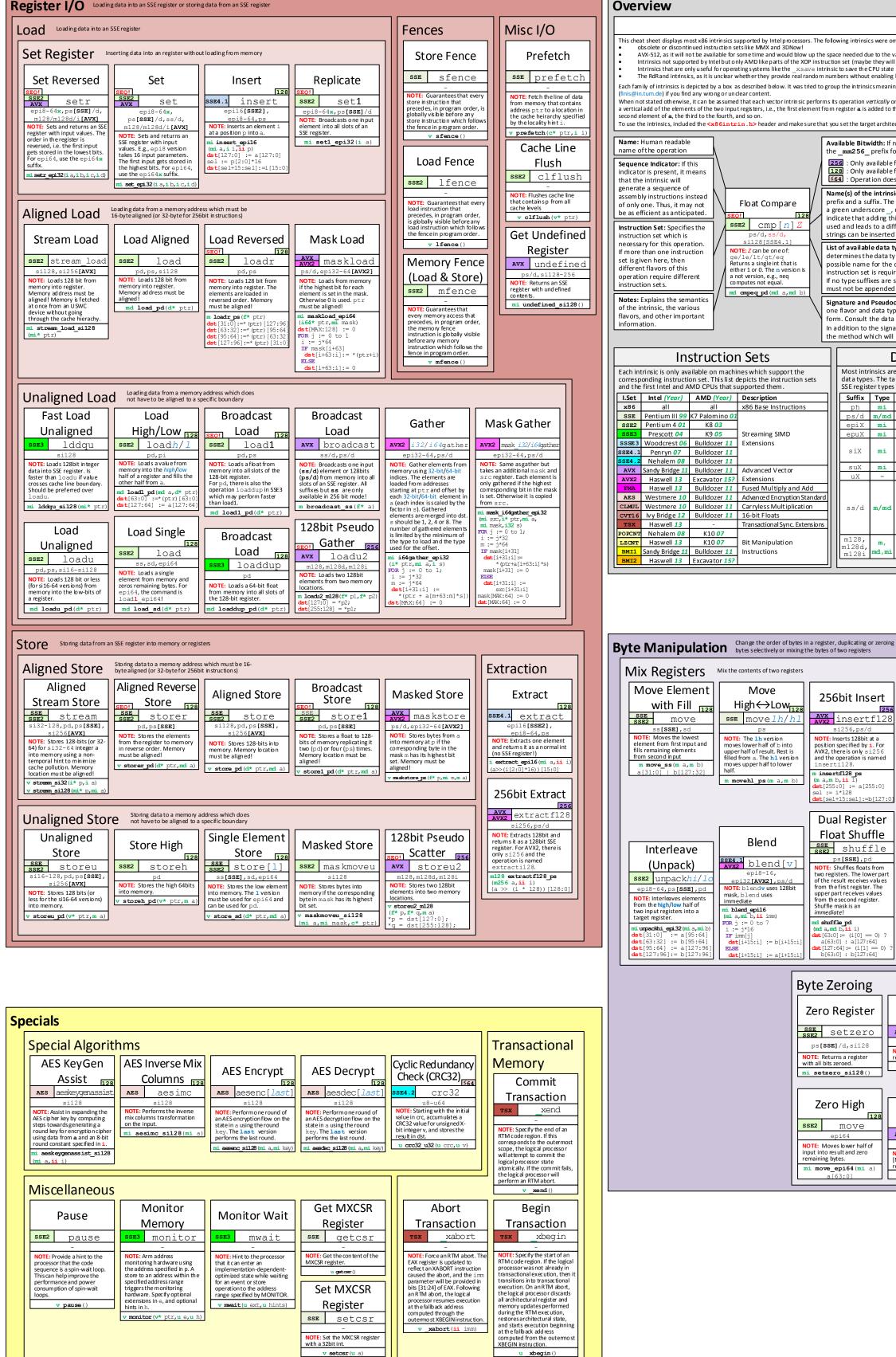


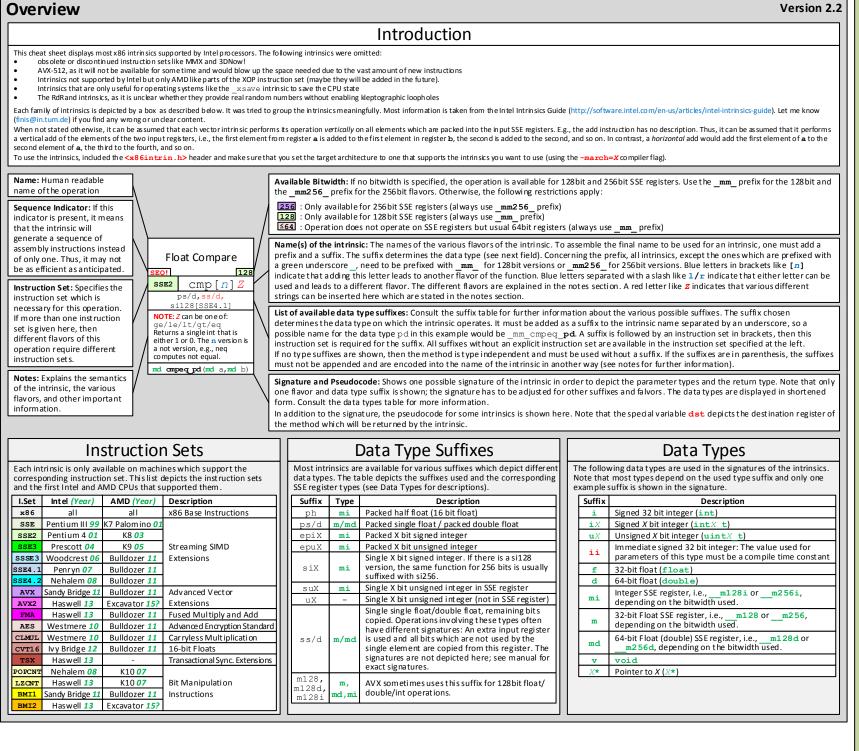
x86 Intrinsics Cheat Sheet

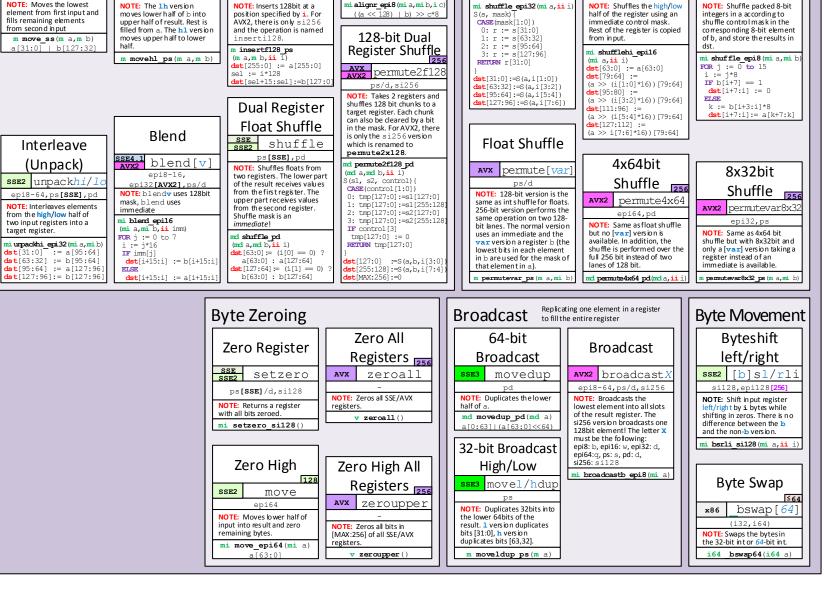
Jan Finis finis@in.tum.de











Concatenate and

Byteshift (Align)

ssse3 alignr

Move

256bit Insert

insertf12

Byte Shuffling

32-bit Int

Shuffle

shuffle epi32 (mi a, ii

sse2 shuffle

Change the byte order using a control mask

Byte Shuffle

ssse3 shuffle

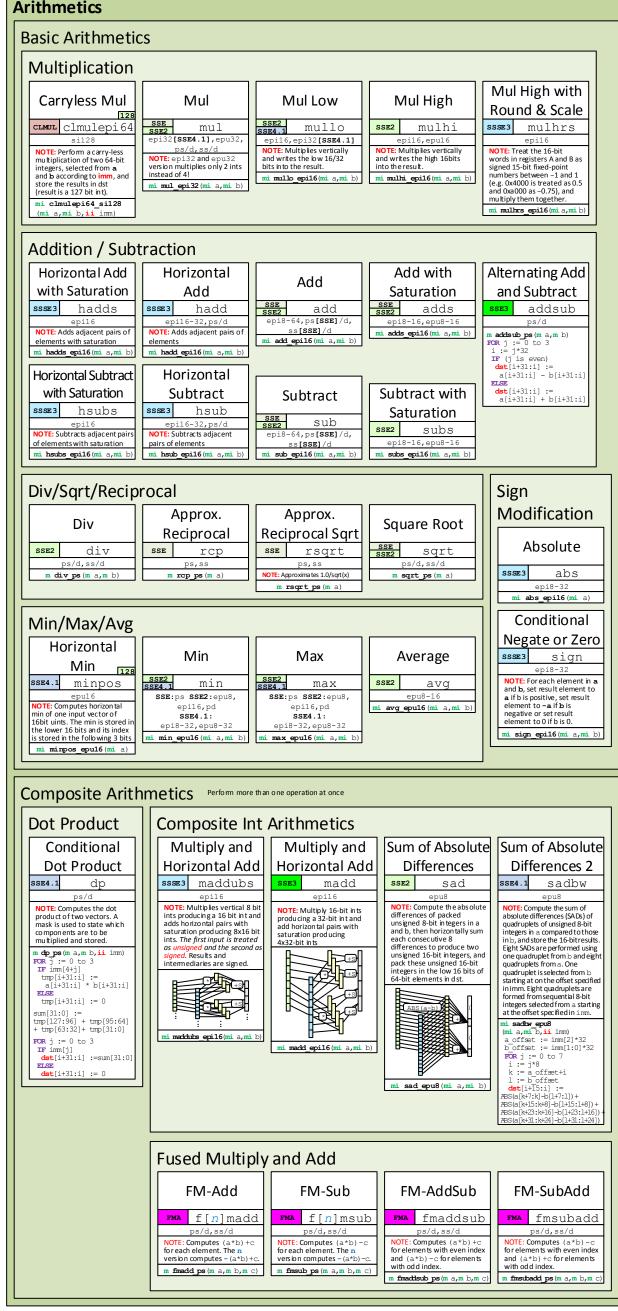
IOTE: Shuffle packed 8-bit

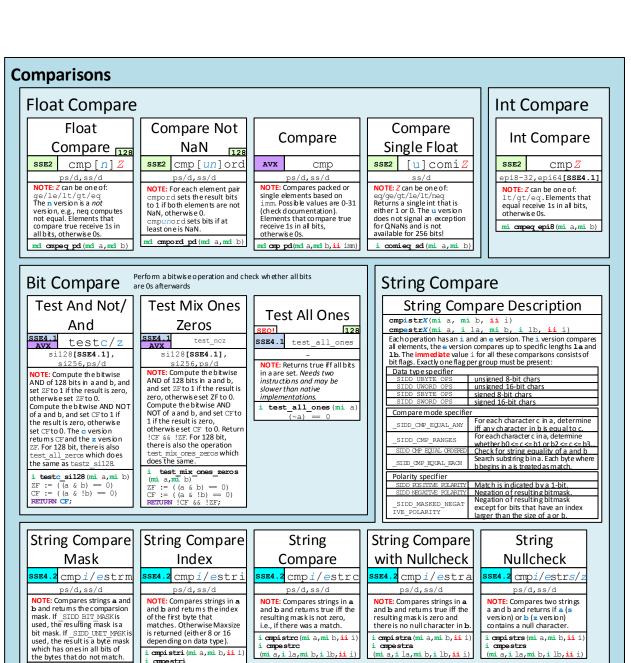
High / Low

16bit Shuffle

sse2 shufflehi/

OTE: Shuffles the high/lo





mi cmpistrm (mi a, mi b, ii i mi cmpestrm (mi a, i la, mi b, i lb, ii i)