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9000000000377de0 <xnclock_core_ticks_to_ns>:
1 9000000000377de0: 02fffc063      addi.d  $r3,$r3,-16(0xff0)
  9000000000377de4: 29c02061      st.d    $r1,$r3,8(0x8)
  9000000000377de8: 27000077      stptr.d $r23,$r3,0
  9000000000377dec: 00150097      move    $r23,$r4
5 9000000000377df0: 00150024      move    $r4,$r1
  9000000000377df4: 556297fa      bl      -1482092(0xfe96294)
  9000000000377df8: 1c0317ec      pcaddu12i $r12,6335(0x18bf)
  9000000000377dfc: 02c1418c      addi.d  $r12,$r12,80(0x50)
  9000000000377e00: 2400018c      ldptr.w $r12,$r12,0
10 9000000000377e04: 00df02ed      bstrpick.d $r13,$r23,0x1f,0x0
  9000000000377e08: 004982f7      srai.d  $r23,$r23,0x20
  9000000000377e0c: 00df018e      bstrpick.d $r14,$r12,0x1f,0x0
  9000000000377e10: 001db2f7      mul.d   $r23,$r23,$r12
  9000000000377e14: 28c02061      ld.d    $r1,$r3,8(0x8)
15 9000000000377e18: 00150004      move    $r4,$r0
  9000000000377e1c: 001db9ad      mul.d   $r13,$r13,$r14
  9000000000377e20: 1c0317ee      pcaddu12i $r14,6335(0x18bf)
  9000000000377e24: 02c091ce      addi.d  $r14,$r14,36(0x24)
  9000000000377e28: 240001cf      ldptr.w $r15,$r14,0
20 9000000000377e2c: 0280800e      addi.w  $r14,$r0,32(0x20)
  9000000000377e30: 004081f0      slli.w  $r16,$r15,0x0
  9000000000377e34: 00113dcf      sub.w   $r15,$r14,$r15
  9000000000377e38: 004581ac      srli.d  $r12,$r13,0x20
  9000000000377e3c: 0010dd8c      add.d   $r12,$r12,$r23
25 9000000000377e40: 0040818e      slli.w  $r14,$r12,0x0
  9000000000377e44: 004081ad      slli.w  $r13,$r13,0x0
  9000000000377e48: 0049818c      srai.d  $r12,$r12,0x20
  9000000000377e4c: 0017c1ad      srl.w   $r13,$r13,$r16
  9000000000377e50: 00173d8c      sll.w   $r12,$r12,$r15
30 9000000000377e54: 0017c1d0      srl.w   $r16,$r14,$r16
  9000000000377e58: 0015418c      or      $r12,$r12,$r16
  9000000000377e5c: 00173dce      sll.w   $r14,$r14,$r15
  9000000000377e60: 00bf8184      bstrins.d $r4,$r12,0x3f,0x20
  9000000000377e64: 001535cd      or      $r13,$r14,$r13
35 9000000000377e68: 26000077      ldptr.d $r23,$r3,0
  9000000000377e6c: 009f01a4      bstrins.d $r4,$r13,0x1f,0x0
  9000000000377e70: 02c04063      addi.d  $r3,$r3,16(0x10)
38 9000000000377e74: 4c000020      jirl    $r0,$r1,0

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