

ADSP21160N
IC101

A1	DATA29 R2	DATA13 R3	DATA18 R4	DATA18 R5	DATA21 R1	DATA22 R1	DATA22 R2	DATA22 R3	DATA22 R4	DATA22 R5	DATA22 R6	DATA22 R7	DATA22 R8	DATA22 R9	DATA22 R10	DATA22 R11	DATA22 R12	DATA22 R13	DATA22 R14	DATA22 R15	DATA22 R16	DATA22 R17	DATA22 R18	DATA22 R19	DATA22 R20
B1	DATA22 R2	DATA16 R3	DATA15 R4	DATA19 R5	DATA13 R6	DATA13 R7	DATA13 R8	DATA13 R9	DATA13 R10	DATA13 R11	DATA13 R12	DATA13 R13	DATA13 R14	DATA13 R15	DATA13 R16	DATA13 R17	DATA13 R18	DATA13 R19	DATA13 R20	DATA13 R21	DATA13 R22	DATA13 R23	DATA13 R24	DATA13 R25	DATA13 R26
C1	DATA24 R2	DATA18 R3	DATA17 R4	DATA11 R5	DATA11 R6	DATA11 R7	DATA11 R8	DATA11 R9	DATA11 R10	DATA11 R11	DATA11 R12	DATA11 R13	DATA11 R14	DATA11 R15	DATA11 R16	DATA11 R17	DATA11 R18	DATA11 R19	DATA11 R20	DATA11 R21	DATA11 R22	DATA11 R23	DATA11 R24	DATA11 R25	DATA11 R26
D1	DATA20 R2	DATA25 R3	DATA20 R4	DATA19 R5	DATA12 R6	DATA12 R7	DATA12 R8	DATA12 R9	DATA12 R10	DATA12 R11	DATA12 R12	DATA12 R13	DATA12 R14	DATA12 R15	DATA12 R16	DATA12 R17	DATA12 R18	DATA12 R19	DATA12 R20	DATA12 R21	DATA12 R22	DATA12 R23	DATA12 R24	DATA12 R25	DATA12 R26
E1	DATA30 R2	DATA29 R3	DATA23 R4	DATA21 R5	DATA21 R6	DATA21 R7	DATA21 R8	DATA21 R9	DATA21 R10	DATA21 R11	DATA21 R12	DATA21 R13	DATA21 R14	DATA21 R15	DATA21 R16	DATA21 R17	DATA21 R18	DATA21 R19	DATA21 R20	DATA21 R21	DATA21 R22	DATA21 R23	DATA21 R24	DATA21 R25	DATA21 R26
F1	DATA34 R2	DATA33 R3	DATA27 R4	DATA26 R5	DATA26 R6	DATA26 R7	DATA26 R8	DATA26 R9	DATA26 R10	DATA26 R11	DATA26 R12	DATA26 R13	DATA26 R14	DATA26 R15	DATA26 R16	DATA26 R17	DATA26 R18	DATA26 R19	DATA26 R20	DATA26 R21	DATA26 R22	DATA26 R23	DATA26 R24	DATA26 R25	DATA26 R26
G1	DATA38 R2	DATA35 R3	DATA32 R4	DATA31 R5	DATA31 R6	DATA31 R7	DATA31 R8	DATA31 R9	DATA31 R10	DATA31 R11	DATA31 R12	DATA31 R13	DATA31 R14	DATA31 R15	DATA31 R16	DATA31 R17	DATA31 R18	DATA31 R19	DATA31 R20	DATA31 R21	DATA31 R22	DATA31 R23	DATA31 R24	DATA31 R25	DATA31 R26
H1	DATA40 R2	DATA39 R3	DATA37 R4	DATA35 R5	DATA35 R6	DATA35 R7	DATA35 R8	DATA35 R9	DATA35 R10	DATA35 R11	DATA35 R12	DATA35 R13	DATA35 R14	DATA35 R15	DATA35 R16	DATA35 R17	DATA35 R18	DATA35 R19	DATA35 R20	DATA35 R21	DATA35 R22	DATA35 R23	DATA35 R24	DATA35 R25	DATA35 R26
I1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
J1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
K1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
L1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
M1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
N1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
O1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
P1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
Q1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
R1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
S1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
T1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
U1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
V1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
W1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
X1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
Y1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26
Z1	DATA44 R2	DATA43 R3	DATA42 R4	DATA41 R5	DATA41 R6	DATA41 R7	DATA41 R8	DATA41 R9	DATA41 R10	DATA41 R11	DATA41 R12	DATA41 R13	DATA41 R14	DATA41 R15	DATA41 R16	DATA41 R17	DATA41 R18	DATA41 R19	DATA41 R20	DATA41 R21	DATA41 R22	DATA41 R23	DATA41 R24	DATA41 R25	DATA41 R26

Clock Configuration:
CLK_CFG(3:0) = '0010'
=> Core / CLKIN Ratio: 2:1

SHARC Power pins:
VDDINT (119) 40 pins
VDDEXT (313) 43 pins
GND 82 pins
NC 9 pins

ID = "0000"

Booting Mode:
EB00T = '0', LB00T = '1', BMS_n = '1' (Inout)
=> Link Port Booting

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
L	MR0D-In																K
K	SHARC																J
J	Proj: MR0D-X																I
I	Peter Jansweijer																H
H	Proj.No:38405																G
G	Size A3																F
F	Dim 420 x 297 mm																E
E	Page 2 of 4																D
D	Page 2 of 4																C
C	Page 2 of 4																B
B	Page 2 of 4																A

MR0D-In

SHARC

Proj: MR0D-X

Peter Jansweijer

Proj.No:38405

Size A3

Dim 420 x 297 mm

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