

Saturn V3 Length Matched IO Details

Header P3

Pin No. on the Header	Spartan-6 Pin No.	Length (mm)
9	H15	44.076
10	H16	43.957
17	F16	41.457
18	F15	41.438
19	F17	33.800
20	F18	33.849
21	E16	37.599
22	E18	37.624
23	D17	28.466
24	D18	28.588
25	C17	34.870
26	C18	34.939
27	B16	26.719
28	A16	26.775
31	C14	27.230
32	D14	27.080
33	B14	29.430
34	A14	29.443
37	C13	24.388
38	A13	24.565
41	D12	25.115
42	C12	25.041
43	B12	19.880
44	A12	19.874
47	D11	18.555
48	C11	18.703
53	G11	25.181
54	F10	25.011

55	B11	14.023
56	A11	14.108
57	C10	22.921
58	A10	22.989
59	F9	19.412
60	G9	19.381
61	D9	21.829
62	C9	21.725
63	B9	16.651
64	A9	16.567
69	D8	24.471
70	C8	24.349
71	B8	17.352
72	A8	17.420
75	C7	20.045
76	A7	19.923
77	B6	30.085
78	A6	30.037
79	C6	23.056
80	D6	23.321
81	C5	28.009
82	A5	27.954
83	A4	23.872
84	B4	23.759
85	B3	29.825
86	A3	29.898
87	B2	25.630
88	A2	25.598

Header P2

Pin No. on the Header	Spartan-6 Pin No.	Length (mm)
7	K13	51.466
8	K12	51.537

17	L12	41.587
18	L13	41.648
19	L15	43.238
20	L16	43.164
21	K15	36.310
22	K16	36.333
23	N15	38.880
24	N16	39.013
33	T14	23.628
34	V14	23.585
57	R10	21.375
58	T10	21.222
61	T9	18.318
62	V9	18.207
63	R8	27.336
64	T8	27.324
69	U7	21.943
70	V7	21.886
71	U8	26.745
72	V8	26.852
73	R7	24.108
74	T7	24.096
79	T6	28.797
80	V6	28.701
81	R5	27.461
82	T5	27.463
85	R3	29.457
86	T3	29.551
87	T4	33.195
88	V4	33.288