

CMD-561-4signals.pdf

	A	B	C	D
1	SIGNAL NAME	CMD561-4 I/O PORT	CMD561-4 J1 - 4	MPC561/2/3/4 Ball
2	A_CNrx0	QSM_A 14	3-79	N26
3	A_CNtX0	QSM_A 13	3-77	M23
4	A_ECK	QSM_A 8	2-69	R26
5	A_MISO	QSM_A 5	2-61	P25
6	A_MOSI	QSM_A 6	2-63	P24
7	A_PCS0_SS*	QSM_A 1	2-53	N25
8	A_PCS1	QSM_A 2	2-55	N24
9	A_PCS2	QSM_A 3	2-57	N23
10	A_PCS3	QSM_A 4	2-59	P26
11	A_PQA0	QADC_A 1	2-1	C13
12	A_PQA1	QADC_A 3	2-3	D13
13	A_PQA2	QADC_A 5	2-5	B13
14	A_PQA3	QADC_A 7	2-7	A13
15	A_PQA4	QADC_A 9	2-9	A14
16	A_PQA5	QADC_A 11	2-11	D14
17	A_PQA6	QADC_A 13	2-13	B14
18	A_PQA7	QADC_A 15	2-15	C14
19	A_PQB0	QADC_A 2	2-2	C11
20	A_PQB1	QADC_A 4	2-4	D11
21	A_PQB2	QADC_A 6	2-6	B11
22	A_PQB3	QADC_A 8	2-8	A11
23	A_PQB4	QADC_A 10	2-10	C12
24	A_PQB5	QADC_A 12	2-12	D12
25	A_PQB6	QADC_A 14	2-14	B12
26	A_PQB7	QADC_A 16	2-16	A12
27	A_RXD1	QSM_A 11	2-73	R23
28	A_RXD2	QSM_A 12	2-77	T26
29	A_SCK	QSM_A 7	2-65	P23
30	A_T2CLK	TPU_PORT_A 17	4-37	F2
31	A_TPUCH0	TPU_PORT_A 1	4-1	F3
32	A_TPUCH1	TPU_PORT_A 2	4-3	C5
33	A_TPUCH10	TPU_PORT_A 11	4-23	B7
34	A_TPUCH11	TPU_PORT_A 12	4-25	A7
35	A_TPUCH12	TPU_PORT_A 13	4-27	C8
36	A_TPUCH13	TPU_PORT_A 14	4-29	D8
37	A_TPUCH14	TPU_PORT_A 15	4-31	B8
38	A_TPUCH15	TPU_PORT_A 16	4-33	A8
39	A_TPUCH2	TPU_PORT_A 3	4-5	B5
40	A_TPUCH3	TPU_PORT_A 4	4-7	A5
41	A_TPUCH4	TPU_PORT_A 5	4-9	C6
42	A_TPUCH5	TPU_PORT_A 6	4-11	D6
43	A_TPUCH6	TPU_PORT_A 7	4-13	B6
44	A_TPUCH7	TPU_PORT_A 8	4-15	A6
45	A_TPUCH8	TPU_PORT_A 9	4-19	C7
46	A_TPUCH9	TPU_PORT_A 10	4-21	D7
47	A_TXD1	QSM_A 9	2-71	R25

CMD-561-4signals.pdf

	A	B	C	D
48	A_TXD2	QSM_A 10	2-75	R24
49	A10	BUS_PORT 37	1-45	AC6
50	A11	BUS_PORT 38	1-47	Y4
51	A12	BUS_PORT 39	1-49	Y3
52	A13	BUS_PORT 40	1-51	AD7
53	A14	BUS_PORT 41	1-53	AE7
54	A15	BUS_PORT 42	1-55	AF7
55	A16	BUS_PORT 43	1-59	AD8
56	A17	BUS_PORT 44	1-61	AE8
57	A18	BUS_PORT 45	1-63	AC7
58	A19	BUS_PORT 46	1-65	AD9
59	A20	BUS_PORT 47	1-66	AC8
60	A21	BUS_PORT 48	1-64	AD10
61	A22	BUS_PORT 49	1-62	AF10
62	A23	BUS_PORT 50	1-60	AC9
63	A24	BUS_PORT 51	1-56	AD11
64	A25	BUS_PORT 52	1-54	AD12
65	A26	BUS_PORT 53	1-52	AC11
66	A27	BUS_PORT 54	1-50	AF11
67	A28	BUS_PORT 55	1-48	AE11
68	A29	BUS_PORT 56	1-46	AE12
69	A30	BUS_PORT 57	1-44	AE10
70	A31	BUS_PORT 58	1-42	AE9
71	A8	BUS_PORT 35	1-41	AF9
72	A9	BUS_PORT 36	1-43	AF8
73	ALTREF	CONTROL_PORT 40	2-50	B10
74	B_CNRX0	QSM_B 14	3-80	L3
75	B_CNTX0	QSM_B 13	3-78	L4
76	B_PQA0	QADC_B 1	2-23	A17
77	B_PQA1	QADC_B 3	2-25	B17
78	B_PQA2	QADC_B 5	2-27	C17
79	B_PQA3	QADC_B 7	2-29	D17
80	B_PQA4	QADC_B 9	2-31	A18
81	B_PQA5	QADC_B 11	2-33	B18
82	B_PQA6	QADC_B 13	2-35	C18
83	B_PQA7	QADC_B 15	2-37	D18
84	B_PQB0	QADC_B 2	2-24	A15
85	B_PQB1	QADC_B 4	2-26	B15
86	B_PQB2	QADC_B 6	2-28	C15
87	B_PQB3	QADC_B 8	2-30	D15
88	B_PQB4	QADC_B 10	2-32	A16
89	B_PQB5	QADC_B 12	2-34	B16
90	B_PQB6	QADC_B 14	2-36	C16
91	B_PQB7	QADC_B 16	2-38	D16
92	B_T2CLK	TPU_PORT_B 17	4-38	F1
93	B_TPUCH0	TPU_PORT_B 1	4-2	K1
94	B_TPUCH1	TPU_PORT_B 2	4-4	K2
95	B_TPUCH10	TPU_PORT_B 11	4-24	H3

CMD-561-4signals.pdf

	A	B	C	D
96	B_TPUCH11	TPU_PORT_B 12	4-26	H4
97	B_TPUCH12	TPU_PORT_B 13	4-28	G1
98	B_TPUCH13	TPU_PORT_B 14	4-30	G2
99	B_TPUCH14	TPU_PORT_B 15	4-32	G3
100	B_TPUCH15	TPU_PORT_B 16	4-34	G4
101	B_TPUCH2	TPU_PORT_B 3	4-6	K3
102	B_TPUCH3	TPU_PORT_B 4	4-8	K4
103	B_TPUCH4	TPU_PORT_B 5	4-10	J1
104	B_TPUCH5	TPU_PORT_B 6	4-12	J2
105	B_TPUCH6	TPU_PORT_B 7	4-14	J3
106	B_TPUCH7	TPU_PORT_B 8	4-16	J4
107	B_TPUCH8	TPU_PORT_B 9	4-20	H1
108	B_TPUCH9	TPU_PORT_B 10	4-22	H2
109	BB*	CONTROL_PORT 35	3-33	R2
110	BDIP*	CONTROL_PORT 27	3-25	W4
111	BG*	CONTROL_PORT 33	3-31	R3
112	BI*	CONTROL_PORT 28	3-26	Y2
113	BOEPEE	CONTROL_PORT 38	4-70	T24 (563/4)
114	BR*	CONTROL_PORT 36	3-34	R4
115	BURST*	CONTROL_PORT 26	3-24	Y1
116	CLKOUT	CONTROL_PORT 15	3-3	U23
117	CS0*	CONTROL_PORT 3	1-69	U1
118	CS1*	CONTROL_PORT 5	1-71	U2
119	CS2*	CONTROL_PORT 7	1-73	U3
120	CS3*	CONTROL_PORT 9	1-75	U4
121	D0	BUS_PORT 3	1-5	AD13
122	D1	BUS_PORT 4	1-7	AC12
123	D10	BUS_PORT 13	1-27	AF18
124	D11	BUS_PORT 14	1-29	AC17
125	D12	BUS_PORT 15	1-31	AC18
126	D13	BUS_PORT 16	1-33	AD18
127	D14	BUS_PORT 17	1-35	AC20
128	D15	BUS_PORT 18	1-37	AD19
129	D16	BUS_PORT 19	1-6	AD20
130	D17	BUS_PORT 20	1-8	AE20
131	D18	BUS_PORT 21	1-10	AF20
132	D19	BUS_PORT 22	1-12	AE19
133	D2	BUS_PORT 5	1-9	AF14
134	D20	BUS_PORT 23	1-14	AF19
135	D21	BUS_PORT 24	1-16	AE18
136	D22	BUS_PORT 25	1-18	AD17
137	D23	BUS_PORT 26	1-20	AE17
138	D24	BUS_PORT 27	1-24	AD16
139	D25	BUS_PORT 28	1-26	AE16
140	D26	BUS_PORT 29	1-28	AD15
141	D27	BUS_PORT 30	1-30	AE15
142	D28	BUS_PORT 31	1-32	AD14
143	D29	BUS_PORT 32	1-34	AE14

CMD-561-4signals.pdf

	A	B	C	D
144	D3	BUS_PORT 6	1-11	AF13
145	D30	BUS_PORT 33	1-36	AE13
146	D31	BUS_PORT 34	1-38	AF12
147	D4	BUS_PORT 7	1-13	AF15
148	D5	BUS_PORT 8	1-15	AC13
149	D6	BUS_PORT 9	1-17	AF16
150	D7	BUS_PORT 10	1-19	AC14
151	D8	BUS_PORT 11	1-23	AF17
152	D9	BUS_PORT 12	1-25	AC16
153	DSCK	MICTOR3 25	4-66	L2
154	DSDI	MICTOR3 29	4-65	M1
155	DSDO	MICTOR3 27	4-62	M4
156	ENGCLK	CONTROL_PORT 16	3-4	V26
157	EPEE	CONTROL_PORT 39	4-71	T23 (563/4)
158	ETRIG1	QADC_A 17	2-21	B20
159	ETRIG2	QADC_A 18	2-22	A20
160	EXTCLK	CONTROL_PORT 20	3-8	V24
161	FRZ	INT_PORT 10	3-20	N4
162	H_RESET*	CONTROL_PORT 21	3-9	W23
163	IRQ0*	INT_PORT 1	3-11	P3
164	IRQ1*	INT_PORT 2	3-13	P4
165	IRQ2*	INT_PORT 3	3-15	P2
166	IRQ3*	INT_PORT 4	3-17	N1
167	IRQ4*	INT_PORT 5	3-12	P1
168	IRQ5*	INT_PORT 6	3-14	AD21
169	IRQ6*	INT_PORT 7	3-16	AE21
170	IRQ7*	INT_PORT 8	3-18	Y24
171	IRQOUT*	INT_PORT 9	3-19	R1
172	KAPWR	POWER_PORT 8	4-74	W26
173	MDA11	MIOS_PORT 1	3-37	C20
174	MDA12	MIOS_PORT 2	3-39	D20
175	MDA13	MIOS_PORT 3	3-41	A21
176	MDA14	MIOS_PORT 4	3-43	B21
177	MDA15	MIOS_PORT 5	3-45	C21
178	MDA27	MIOS_PORT 6	3-38	D21
179	MDA28	MIOS_PORT 7	3-40	A22
180	MDA29	MIOS_PORT 8	3-42	B22
181	MDA30	MIOS_PORT 9	3-44	F24
182	MDA31	MIOS_PORT 10	3-46	F25
183	MGPIO0	MIOS_PORT 19	3-63	L23
184	MGPIO1	MIOS_PORT 20	3-64	L24
185	MGPIO10	MIOS_PORT 29	3-71	K25
186	MGPIO11	MIOS_PORT 30	3-58	K24
187	MGPIO12	MIOS_PORT 31	3-60	K23
188	MGPIO13	MIOS_PORT 32	3-73	K26
189	MGPIO14	MIOS_PORT 33	3-74	L26
190	MGPIO15	MIOS_PORT 34	3-72	L25
191	MGPIO2	MIOS_PORT 21	3-65	M24

CMD-561-4signals.pdf

	A	B	C	D
192	MGPIO3	MIOS_PORT 22	3-66	M25
193	MGPIO4	MIOS_PORT 23	3-67	M26
194	MGPIO5	MIOS_PORT 24	3-57	H26
195	MGPIO6	MIOS_PORT 25	3-59	J23
196	MGPIO7	MIOS_PORT 26	3-68	J24
197	MGPIO8	MIOS_PORT 27	3-69	J25
198	MGPIO9	MIOS_PORT 28	3-70	J26
199	MPWM0	MIOS_PORT 11	3-49	F26
200	MPWM1	MIOS_PORT 12	3-51	G23
201	MPWM16	MIOS_PORT 15	3-50	G24
202	MPWM17	MIOS_PORT 16	3-52	H23
203	MPWM18	MIOS_PORT 17	3-54	H24
204	MPWM19	MIOS_PORT 18	3-56	H25
205	MPWM2	MIOS_PORT 13	3-53	G26
206	MPWM3	MIOS_PORT 14	3-55	G25
207	OE*	CONTROL_PORT 12	1-78	V2
208	POR_RESET*	CONTROL_PORT 19	3-7	W25
209	RD_WR*	CONTROL_PORT 11	1-77	V1
210	RSTCONF*	CONTROL_PORT 25	3-23	Y25
211	S_RESET*	CONTROL_PORT 22	3-10	W24
212	TA*	CONTROL_PORT 30	3-28	W3
213	TEA*	CONTROL_PORT 31	3-29	V3
214	TMS	CONTROL_PORT 37	4-69	M2
215	TS*	CONTROL_PORT 29	3-27	W2
216	TSIZ0	CONTROL_PORT 32	3-30	V4
217	TSIZ1	CONTROL_PORT 34	3-32	W1
218	VDDSRAM1	POWER_PORT 6	4-76	M3
219	VDDSYN	POWER_PORT 5	4-73	Y26
220	VFLS0	MICTOR3 13	4-67	N2
221	VFLS1	MICTOR3 15	4-68	N3
222	VRH	QADC_A 19	2-17	C10
223	VRL	QADC_A 20	2-18	A10
224	WE0*	CONTROL_PORT 4	1-70	T1
225	WE1*	CONTROL_PORT 6	1-72	T2
226	WE2*	CONTROL_PORT 8	1-74	T3
227	WE3*	CONTROL_PORT 10	1-76	T4
228	XFC	PM561-4		AA26
229	XTAL	PM561-4		AD26
230	EXTAL	PM561-4		AC26
231	VDDA	PM561-4		D10
232	VDDF	PM563-4		U25 (563/4)
233	VDDH (5V)	POWER_PORT 1		8 BALLS
234	VDDL (2.6V)	POWER_PORT 4		38 BALLS
235	VFLASH	PM563-4		U26 (563/4)
236	VSS	POWER_PORT 9		105 BALLS
237	VSSA	PM561-4		A9 / B9
238	VSSF	PM563-4		U24 (563/4)
239	VSSSYN	PM561-4		AB26