

CMD555-6signals.pdf

	A	B	C	D
1	SIGNAL NAME	CMD-5XX I/O PORT	CMD-5XX J1 - 4	MPC555/6 Ball
2	A_CNRX0	QSM_A 14	3-79	K20
3	A_CNTX0	QSM_A 13	3-77	K19
4	A_ECK	QSM_A 8	2-69	M19
5	A_MISO	QSM_A 5	2-61	L19
6	A_MOSI	QSM_A 6	2-63	L20
7	A_PCS0_SS*	QSM_A 1	2-53	L18
8	A_PCS1	QSM_A 2	2-55	L17
9	A_PCS2	QSM_A 3	2-57	M18
10	A_PCS3	QSM_A 4	2-59	M17
11	A_PQA0	QADC_A 1	2-1	A10
12	A_PQA1	QADC_A 3	2-3	B10
13	A_PQA2	QADC_A 5	2-5	A11
14	A_PQA3	QADC_A 7	2-7	D10
15	A_PQA4	QADC_A 9	2-9	C10
16	A_PQA5	QADC_A 11	2-11	B11
17	A_PQA6	QADC_A 13	2-13	D11
18	A_PQA7	QADC_A 15	2-15	C11
19	A_PQB0	QADC_A 2	2-2	A8
20	A_PQB1	QADC_A 4	2-4	D8
21	A_PQB2	QADC_A 6	2-6	C8
22	A_PQB3	QADC_A 8	2-8	B8
23	A_PQB4	QADC_A 10	2-10	A9
24	A_PQB5	QADC_A 12	2-12	B9
25	A_PQB6	QADC_A 14	2-14	D9
26	A_PQB7	QADC_A 16	2-16	C9
27	A_RXD1	QSM_A 11	2-73	N17
28	A_RXD2	QSM_A 12	2-77	N19
29	A_SCK	QSM_A 7	2-65	M20
30	A_T2CLK	TPU_PORT_A 17	4-37	C2
31	A_TPUCH0	TPU_PORT_A 1	4-1	D3
32	A_TPUCH1	TPU_PORT_A 2	4-3	A2
33	A_TPUCH10	TPU_PORT_A 11	4-23	B4
34	A_TPUCH11	TPU_PORT_A 12	4-25	B5
35	A_TPUCH12	TPU_PORT_A 13	4-27	A5
36	A_TPUCH13	TPU_PORT_A 14	4-29	C6
37	A_TPUCH14	TPU_PORT_A 15	4-31	B6
38	A_TPUCH15	TPU_PORT_A 16	4-33	A6
39	A_TPUCH2	TPU_PORT_A 3	4-5	D4
40	A_TPUCH3	TPU_PORT_A 4	4-7	C3
41	A_TPUCH4	TPU_PORT_A 5	4-9	A3
42	A_TPUCH5	TPU_PORT_A 6	4-11	D5
43	A_TPUCH6	TPU_PORT_A 7	4-13	B3
44	A_TPUCH7	TPU_PORT_A 8	4-15	C4
45	A_TPUCH8	TPU_PORT_A 9	4-19	A4
46	A_TPUCH9	TPU_PORT_A 10	4-21	C5
47	A_TXD1	QSM_A 9	2-71	N18

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	A	B	C	D
48	A_TXD2	QSM_A 10	2-75	N20
49	A10	BUS_PORT 37	1-45	V4
50	A11	BUS_PORT 38	1-47	V3
51	A12	BUS_PORT 39	1-49	W10
52	A13	BUS_PORT 40	1-51	Y2
53	A14	BUS_PORT 41	1-53	W3
54	A15	BUS_PORT 42	1-55	Y3
55	A16	BUS_PORT 43	1-59	W4
56	A17	BUS_PORT 44	1-61	Y4
57	A18	BUS_PORT 45	1-63	W5
58	A19	BUS_PORT 46	1-65	Y5
59	A20	BUS_PORT 47	1-66	W6
60	A21	BUS_PORT 48	1-64	Y6
61	A22	BUS_PORT 49	1-62	V7
62	A23	BUS_PORT 50	1-60	W7
63	A24	BUS_PORT 51	1-56	Y7
64	A25	BUS_PORT 52	1-54	Y8
65	A26	BUS_PORT 53	1-52	W8
66	A27	BUS_PORT 54	1-50	V8
67	A28	BUS_PORT 55	1-48	U8
68	A29	BUS_PORT 56	1-46	U9
69	A30	BUS_PORT 57	1-44	U7
70	A31	BUS_PORT 58	1-42	U6
71	A8	BUS_PORT 35	1-41	V6
72	A9	BUS_PORT 36	1-43	V5
73	B_CNRX0	QSM_B 14	3-80	H3
74	B_CNTX0	QSM_B 13	3-78	H4
75	B_PQA0	QADC_B 1	2-23	B14
76	B_PQA1	QADC_B 3	2-25	C13
77	B_PQA2	QADC_B 5	2-27	B15
78	B_PQA3	QADC_B 7	2-29	D13
79	B_PQA4	QADC_B 9	2-31	C14
80	B_PQA5	QADC_B 11	2-33	C15
81	B_PQA6	QADC_B 13	2-35	D14
82	B_PQA7	QADC_B 15	2-37	D15
83	B_PQB0	QADC_B 2	2-24	A12
84	B_PQB1	QADC_B 4	2-26	B12
85	B_PQB2	QADC_B 6	2-28	A13
86	B_PQB3	QADC_B 8	2-30	A14
87	B_PQB4	QADC_B 10	2-32	B13
88	B_PQB5	QADC_B 12	2-34	C12
89	B_PQB6	QADC_B 14	2-36	D12
90	B_PQB7	QADC_B 16	2-38	A15
91	B_T2CLK	TPU_PORT_B 17	4-38	B1
92	B_TPUCH0	TPU_PORT_B 1	4-2	H2
93	B_TPUCH1	TPU_PORT_B 2	4-4	H1
94	B_TPUCH10	TPU_PORT_B 11	4-24	E2
95	B_TPUCH11	TPU_PORT_B 12	4-26	D1

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	A	B	C	D
96	B_TPUCH12	TPU_PORT_B 13	4-28	F4
97	B_TPUCH13	TPU_PORT_B 14	4-30	D2
98	B_TPUCH14	TPU_PORT_B 15	4-32	E3
99	B_TPUCH15	TPU_PORT_B 16	4-34	C1
100	B_TPUCH2	TPU_PORT_B 3	4-6	G1
101	B_TPUCH3	TPU_PORT_B 4	4-8	G2
102	B_TPUCH4	TPU_PORT_B 5	4-10	G3
103	B_TPUCH5	TPU_PORT_B 6	4-12	F1
104	B_TPUCH6	TPU_PORT_B 7	4-14	F2
105	B_TPUCH7	TPU_PORT_B 8	4-16	E1
106	B_TPUCH8	TPU_PORT_B 9	4-20	F3
107	B_TPUCH9	TPU_PORT_B 10	4-22	G4
108	BB*	CONTROL_PORT 35	3-33	N4
109	BDIP*	CONTROL_PORT 27	3-25	U4
110	BG*	CONTROL_PORT 33	3-31	N3
111	BI*	CONTROL_PORT 28	3-26	V2
112	BR*	CONTROL_PORT 36	3-34	N2
113	BURST*	CONTROL_PORT 26	3-24	V1
114	CLKOUT	CONTROL_PORT 15	3-3	V18
115	CS0*	CONTROL_PORT 3	1-69	P4
116	CS1*	CONTROL_PORT 5	1-71	R4
117	CS2*	CONTROL_PORT 7	1-73	R3
118	CS3*	CONTROL_PORT 9	1-75	R2
119	D0	BUS_PORT 3	1-5	Y9
120	D1	BUS_PORT 4	1-7	W9
121	D10	BUS_PORT 13	1-27	Y14
122	D11	BUS_PORT 14	1-29	W14
123	D12	BUS_PORT 15	1-31	Y15
124	D13	BUS_PORT 16	1-33	W15
125	D14	BUS_PORT 17	1-35	Y16
126	D15	BUS_PORT 18	1-37	W16
127	D16	BUS_PORT 19	1-6	Y17
128	D17	BUS_PORT 20	1-8	W17
129	D18	BUS_PORT 21	1-10	V17
130	D19	BUS_PORT 22	1-12	V16
131	D2	BUS_PORT 5	1-9	Y10
132	D20	BUS_PORT 23	1-14	U16
133	D21	BUS_PORT 24	1-16	V15
134	D22	BUS_PORT 25	1-18	V14
135	D23	BUS_PORT 26	1-20	U14
136	D24	BUS_PORT 27	1-24	V13
137	D25	BUS_PORT 28	1-26	U13
138	D26	BUS_PORT 29	1-28	V12
139	D27	BUS_PORT 30	1-30	U12
140	D28	BUS_PORT 31	1-32	V11
141	D29	BUS_PORT 32	1-34	U11
142	D3	BUS_PORT 6	1-11	W10
143	D30	BUS_PORT 33	1-36	V10

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	A	B	C	D
144	D31	BUS_PORT 34	1-38	V9
145	D4	BUS_PORT 7	1-13	Y11
146	D5	BUS_PORT 8	1-15	W11
147	D6	BUS_PORT 9	1-17	Y12
148	D7	BUS_PORT 10	1-19	W12
149	D8	BUS_PORT 11	1-23	Y13
150	D9	BUS_PORT 12	1-25	W13
151	DSCK	MICTOR3 25	4-66	J1
152	DSDI	MICTOR3 29	4-65	K2
153	DSDO	MICTOR3 27	4-62	J2
154	ENGCLK	CONTROL_PORT 16	3-4	U19
155	EPEE	CONTROL_PORT 39	4-71	P18
156	ETRIG1	QADC_A 17	2-21	C16
157	ETRIG2	QADC_A 18	2-22	B16
158	EXTAL			T20
159	EXTCLK	CONTROL_PORT 20	3-8	U18
160	FRZ	INT_PORT 10	3-20	K3
161	H_RESET*	CONTROL_PORT 21	3-9	W20
162	IRQ0*	INT_PORT 1	3-11	M1
163	IRQ1*	INT_PORT 2	3-13	M2
164	IRQ2*	INT_PORT 3	3-15	M3
165	IRQ3*	INT_PORT 4	3-17	L3
166	IRQ4*	INT_PORT 5	3-12	L4
167	IRQ5*	INT_PORT 6	3-14	W18
168	IRQ6*	INT_PORT 7	3-16	Y18
169	IRQ7*	INT_PORT 8	3-18	Y19
170	IRQOUT*	INT_PORT 9	3-19	M4
171	KAPWR	POWER_PORT 8	4-74	T18
172	MDA11	MIOS_PORT 1	3-37	A17
173	MDA12	MIOS_PORT 2	3-39	A18
174	MDA13	MIOS_PORT 3	3-41	A19
175	MDA14	MIOS_PORT 4	3-43	B17
176	MDA15	MIOS_PORT 5	3-45	B18
177	MDA27	MIOS_PORT 6	3-38	C17
178	MDA28	MIOS_PORT 7	3-40	B20
179	MDA29	MIOS_PORT 8	3-42	C18
180	MDA30	MIOS_PORT 9	3-44	C19
181	MDA31	MIOS_PORT 10	3-46	C20
182	MGPIO0	MIOS_PORT 19	3-63	J19
183	MGPIO1	MIOS_PORT 20	3-64	J20
184	MGPIO10	MIOS_PORT 29	3-71	H17
185	MGPIO11	MIOS_PORT 30	3-58	G19
186	MGPIO12	MIOS_PORT 31	3-60	G20
187	MGPIO13	MIOS_PORT 32	3-73	H20
188	MGPIO14	MIOS_PORT 33	3-74	H19
189	MGPIO15	MIOS_PORT 34	3-72	H18
190	MGPIO2	MIOS_PORT 21	3-65	J17
191	MGPIO3	MIOS_PORT 22	3-66	J18

	A	B	C	D
192	MGPIO4	MIOS_PORT 23	3-67	K18
193	MGPIO5	MIOS_PORT 24	3-57	G17
194	MGPIO6	MIOS_PORT 25	3-59	E20
195	MGPIO7	MIOS_PORT 26	3-68	F19
196	MGPIO8	MIOS_PORT 27	3-69	G18
197	MGPIO9	MIOS_PORT 28	3-70	F20
198	MPWM0	MIOS_PORT 11	3-49	E17
199	MPWM1	MIOS_PORT 12	3-51	D18
200	MPWM16	MIOS_PORT 15	3-50	F17
201	MPWM17	MIOS_PORT 16	3-52	E18
202	MPWM18	MIOS_PORT 17	3-54	F18
203	MPWM19	MIOS_PORT 18	3-56	E19
204	MPWM2	MIOS_PORT 13	3-53	D19
205	MPWM3	MIOS_PORT 14	3-55	D20
206	OE*	CONTROL_PORT 12	1-78	T1
207	POR_RESET*	CONTROL_PORT 19	3-7	V19
208	RD_WR*	CONTROL_PORT 11	1-77	R1
209	RSTCONF*	CONTROL_PORT 25	3-23	U17
210	S_RESET*	CONTROL_PORT 22	3-10	V20
211	TA*	CONTROL_PORT 30	3-28	U2
212	TEA*	CONTROL_PORT 31	3-29	T2
213	TMS	CONTROL_PORT 37	4-69	K1
214	TRST*	CONTROL_PORT 41	4-63	J3
215	TS*	CONTROL_PORT 29	3-27	U3
216	TSIZ0	CONTROL_PORT 32	3-30	U1
217	TSIZ1	CONTROL_PORT 34	3-32	T3
218	VDD (3.3V)			12 BALLS
219	VDDA			C7
220	VDDF			R18
221	VDDH (5V)			10 BALLS
222	VDDSRAM	POWER_PORT 6	4-76	J4
223	VDDSYN	POWER_PORT 5	4-73	R20
224	VFLS0	MICTOR3 13	4-67	L2
225	VFLS1	MICTOR3 15	4-68	L1
226	VPP	POWER_PORT 7	4-72	P17
227	VRH	QADC_A 19	2-17	B7
228	VRL	QADC_A 20	2-18	A7
229	VSS			16 BALLS
230	VSSA			D7
231	VSSF			P19
232	VSSSYN			T19
233	WE0*	CONTROL_PORT 4	1-70	N1
234	WE1*	CONTROL_PORT 6	1-72	P1
235	WE2*	CONTROL_PORT 8	1-74	P2
236	WE3*	CONTROL_PORT 10	1-76	P3
237	XFC			R19
238	XTAL			U20