



MC68302 TQFP PIN ASSIGNMENT

(C) 1997 Motorola

<u>PIN</u>	<u>NAME</u>	<u>PIN</u>	<u>NAME</u>
1	GND	37	GND
2	TOUT2/PB6	38	VCC
3	TIN2/PB5	39	RCLK1/L1CLK
4	TOUT1/PB4	40	TCLK1/L1SYS0/SDS1
5	VCC	41	TXD1/L1TXD
6	TIN1/PB3	42	RTS1/L1RQ/GCIDCL
7	IACK1/PB2	43	RTS3/SPTXD
8	IACK6/PB1	44	CD3/SPCLK
9	IACK7/PB0	45	BRG1
10	GND	46	NC3
11	GND	47	BUSW
12	UDS/A0	48	DISCPU
13	LDS/DS	49	FRZ
14	AS	50	DONE/PA15
15	R/W	51	DACK/PA14
16	GND	52	DREQ/PA13
17	GND	53	BRG3/PA12
18	XTAL	54	GND
19	EXTAL	55	GND
20	VCC	56	TCLK3/PA11
21	VCC	57	RCLK3/PA10
22	CLK0	58	TXD3/PA9
23	IPL0/IRQ1	59	RXD3/PA8
24	IPL1/IRQ6	60	VCC
25	IPL2/IRQ7	61	SDS2/BRG2/PA7
26	BERR	62	CD2/PA6
27	AVEC/IOUT0	63	RTS2/PA5
28	RESET	64	CTS2/PA4
29	HALT	65	GND
30	BR	66	GND
31	NC1	67	TCLK2/PA3
32	BGACK	68	RCLK2/PA2
33	BG	69	TXD2/PA1
34	BCLR	70	RXD2/PA0
35	DTACK	71	RXD1/L1RXD
36	GND	72	CTS1/L1GR



<u>PIN</u>	<u>NAME</u>	<u>PIN</u>	<u>NAME</u>
73	<u>CD1/L1SY1</u>	109	NC5
74	CTS3/SPRXD	110	A15
75	D0	111	A14
76	D1	112	A13
77	D2	113	A12
78	D3	114	GND
79	GND	115	A11
80	D4	116	A10
81	D5	117	A9
82	D6	118	A8
83	D7	119	A7
84	VCC	120	A6
85	D8	121	A5
86	D9	122	A4
87	D10	123	GND
88	D11	124	A3
89	GND	125	A2
90	D12	126	A1
91	D13	127	FC0
92	D14	128	VCC
93	D15	129	FC1
94	GND	130	<u>FC2</u>
95	GND	131	<u>CS0/IOUT2</u>
96	VCC	132	CS1
97	VCC	133	GND
98	A23	134	GND
99	A22	135	<u>CS2</u>
100	A21	136	<u>CS3</u>
101	A20	137	<u>RMC/IOUT1</u>
102	GND	138	IAC
103	A19	139	PB11
104	A18	140	PB10
105	A17	141	PB9
106	A16	142	PB8
107	VCC	143	<u>WDOG/PB7</u>
108	NC4	144	GND