

MC68EN302 TQFP PIN ASSIGNMENT

(C) 1997 Motorola

<u>PIN</u>	<u>NAME</u>	<u>PIN</u>	<u>NAME</u>
1	TIN2/PB5	37	RTS1/L1RQ/GCIDL
2	A0/TOUT1/PB4	38	RTS3/SPTXD
3	VDD	39	CD3/SPCLK
4	TIN1/PB3	40	TRST302/BRG1
5	DRAMRW/PB2/IACK1	41	GND4
6	CAS1/PB1/IACK6	42	PARITY1/BUSW
7	CAS0/PB0/IACK7	43	PARITY0/DISCPU
8	GND1	44	VDD
9	UDS	45	GND5
10	LDS	46	PARITYE/THREESTATE
11	AS	47	WEL/DREQ/PA13
12	R/W	48	WEH/DACK/PA14
13	GND2	49	OE/DONE/PA15
14	XTAL	50	RAS1/BRG3/PA12
15	EXTAL	51	RAS0/BRG2/SDS2/PA7
16	VDD	52	GND5
17	CLKO	53	TCLK3/PA11
18	IPL0/IRQ1	54	RCLK3/PA10
19	IPL1/IRQ6	55	TXD3/PA9
20	IPL2/IRQ7	56	RXD3/PA8
21	BERR	57	VDD
22	AVEC/IOUT0	58	CD2/PA6
23	RESET	59	RTS2/PA5
24	HALT	60	CTS2/PA4
25	BR	61	GND6
26	BGACK	62	TCLK2/PA3
27	BG	63	RCLK2/PA2
28	TMS	64	TXD2/PA1
29	TCK	65	RXD2/PA0
30	TRST	66	RXD1/L1RXD
31	DTACK	67	CTS1/L1GR
32	GND3	68	CD1/L1SY1
33	VDD	69	CTS3/SPRXD
34	RCLK1/LICLK	70	RX
35	TCLK1/L1SY0/SDS1	71	RENA
36	TXD1/L1TXD	72	TX

Freescale Semiconductor, Inc.



<u>PIN</u>	<u>NAME</u>	<u>PIN</u>	<u>NAME</u>
73	VDD	109	VDD
74	GND7	110	A15
75	CLSN	111	A14
76	RCLK	112	A13
77	TENA	113	A12
78	TCLK	114	GND12
79	D0	115	A11
80	D1	116	A10
81	D2	117	A9
82	D3	118	A8
83	GND8	119	A7
84	D4	120	A6
85	D5	121	A5
86	D6	122	A4
87	D7	123	GND13
88	VDD	124	A3
89	D8	125	A2
90	D9	126	A1
91	D10	127	FC0
92	D11	128	VDD
93	GND9	129	FC1
94	D12	130	FC2
95	D13	131	<u>CS0/IOUT2</u>
96	D14	132	<u>CS1</u>
97	D15	133	GND14
98	GND10	134	<u>CS2</u>
99	VDD	135	<u>CS3</u>
100	A23	136	TDO
101	A22	137	TDI
102	A21	138	PB11
103	A20	139	PB10
104	GND11	140	PB9
105	A19	141	PB8
106	A18	142	<u>WDOG/PB7</u>
107	A17	143	<u>GND</u>
108	A16	144	<u>TOUT2/PB6</u>