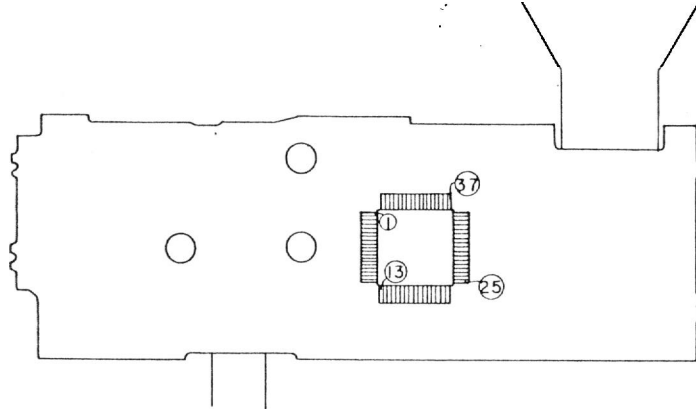


U 7
MB4426
 (AF interface IC)



Pin	Name	Pin	Name
1	Reset	36	Data receive
2	Lens mode	37	Serial clock input
3	Focus lock	38	Serial clock output
4	Store control	39	Relative pulse output
5	Store mode	40	Relative pulse input
6	NEAR drive	41	Relative pulse input
7	FAR drive	42	Limit
8	@RB	43	GND
9	φRA	44	Clock input
10	φC	45	Hard AGC
11	φCG	46	A/D sync output
12	φTG	47	Direction control
13	AGC	48	LAE
14	Hold		
15	CCD A		
16	CCD B		
17	A inversion input		
18	A input		
19	GND		
20	B inversion input		
21	B input		
22	A.B output		
23	AGC level		
24	Ref. voltage		
25	6 V control output		
26	6 V monitor		
27	6v control		
28	Vcc		
29	Motor drive 1		
30	'Motor drive 1'		
31	Motor drive 2		
32	Motor drive 2'		
33	Vdd		
34	Digital GND		
35	Data transformer		

C _53 CHECKING LANDS (1)

No.	Name	Function
1	WL-+3.3V1	Q1 collector (3.3V generated)
2	WL-+3.3V2	Soldering terminal for release Mg positive side
3	WL-XGND	GND for TRIAC baseplate
4	WL-AGND	Soldering terminal for analog GND
5	WL-DGND	Soldering terminal for digital GND
6	WL-FILM	Soldering terminal for film detection SW
7	WL-H/R	Soldering terminal for release contact wire
8	WL-Q1B	Lead wire for Q1 base
9	WL-RLSMG	Soldering terminal for release !lg lead wire
10	WL-SS1OTA	Soldering terminal for spot SPD anode lead wire
11	WL-SS1OTK	Soldering terminal for spot SPD cathode lead wire
12	IWL-XGATE	Soldering terminal for TRIAC gate lead wire
13	WL-TTLA	Soldering terminal for TTL SPD anode lead wire
14	WL-TTLK	Soldering terminal for TTL SPD cathode lead wire
15	WL-X	Soldering terminal for TRIAC gate lead wire
16	TP-+5.5V1	+5.5V
17	TP-1MG	Opening curtain Mg driving signal
18	TP-2MG	Closing curtain Mg driving signal
19	TP-A10M	Metering last step Amp. - Input
20	TP-A1jOUT	Metering Amp. Output
21	TP-A1OP	Metering last step Amp. + Output
22	TP-A11	A/D ref. voltage Amp. - Input
23	TP-A15OUT	TTL 150 Amp. Output
24	TP-A16OUT	A/D monitor Amp. Output
25	TP-A18	Reset delay condenser terminal
26	TP-A5V	Analog 5.5V
27	TP-A9	Metering A9 Amp. Output
28	TP-AFABLE1	AF permission signal 1
29	TP-AFABLE2	AF permission signal 2
30	ITP-AFCLK	Clock for AF communication
31	TP-AFCTL1	AF control 1
32	TP-AFCTL2	AF control 2
33	TP-AFCTL3	AF control 3
34	TP-AFHSIG	AF pre-release signal
35	TP-AFI/O	AF 1/0
36	TP-AGND	Analog GND
37	TP-AIS	Aperture pulse output

CHEGKING LANDS (2)

No.	Name	Function
38	TP-APMG1	Aperture Mg driving signal 1
39	TP-APMG2	Aperture Mg driving signal 2
40	TP-AVSS	Metering Amp. analog GND
41	TP-BACK	Camera back SW
42	TP-BATCHK1	Battery check 1
43	TP-BATCHK2	Battery check 2
44	TP-CE	EEPROM chip enable
I 45	TP-CI/O	Control 1/0
46	TP-CLK	CPU clock
47	TP-COUNTER	Counter SW
48	TP-D/A1	D/A conversion control 1
49	TP-D/A2	D/A conversion control 2
50	TP-DAO	Data address 0
I 51	ITP-DA1	Data address 1
52	TP-DA2	Data address 2
53	TP-DBWRT1	Data back imprint signal 1
54	TP-DBWRT2	Data back imprint signal 2
55	TP-DC	AF data command
56	TP-DGND1	Digital GND 1
57	TP-DGND2	Digital GND2
58	TP-DISPLAYOFF	Display erasure signal
59	TP-D00	Data Out0
60	TP-D01	Data Out 1
61	TP-D02	Data Out 2
62	TP-D04	Data Out4
63	TP-DX2	DX contact2
64	TP-DX3	DX contact 3
65	TP-DX4	DX contact 4
66	TP-DX5	DX contact 5
67	TP-DX6	DXcontact6
68	TP-EXTAL	Main CPU oscillator 1
69	TP-FBDRIVE1	Magazine back advance signal 1
70	TP-FBDRIVE2	Magazine back advance signal 2
71	TP-FBSET1	Magazine back attached signal 1
72	TP-FBSET2	Magazine back attached signal 2
73	TP-FCI/O	Finder control 1/0
74	TP-FD3V	3V for finder

CHECKING LANDS (3)

No.	Name	Function
75	TP-FDCLK	Finder clock
76	TP-FDI/O	Finder I/O
77	TP-FILMEND	Film end signal
78	TP-FILMENDLED	Film end display LED cathode
79	TP-FILTER	Reserve
80	TP-HOSEI	Compensation dial output
81	TP-HSIG	Pre-release signal
82	TP-HSW	Pre-release SW
83	TP-ICON	TTL sync. integration condenser
84	TP- ILLUMISW --	LCD back light SW
85	TP-IS01	ISO warning
86	TP- IS02	ISOdial output
87	TP-ISSIG	Is signal
88	TP- ISSW	Is SW output
89	TP-LAE	Lens access enable signal
90	TP-LCDCLK	Clock for LCDdriving CPU
91	TP-LCDI/O	I/O for LCD driving CPU
92	TP-LCI/O	LCD driving CPU control I/O
93	TP-LD	Lens drive signal
94	TP-MAKISW	Film advance SW
95	TP-MCHARGE- -	Chargings
96	TP-MEAS	Metering output
97	TP-IIEMORYSW	AE lockSW
98	TP-MMO	Motor mode O
99	TP-MM1	Motor mode 1
100	TP-MM2	Motor mode 2
101	TP-MM3	Motor mode 3
102	TP-N1	Charge motor brake signal
103	TP-N2	Spool motor brake signal
104	TP-N3	Rewind motor control signal 1
105	TP-N4	Rewind motor control signal 2
106	TP-P1	Charge motor driving signal
107	TP-P2	Spool motor driving signal
108	TP-PC	Mech. pulse output
109	TP-PC3V	3.3V for aperture&advance PINT
110	TP-PCCTR	3.3V control for PINT
111	TP-PCOA	Aperture pulse input

CHECKING LANDS (4)

No.	Name	Function
ii2	TP-PCOB	Mech. pulse-input
113	TP-PGND	GND for power
114	TP-POWERHOLD	Power-hold signal
115	TP-PSAM	Mode dial output
116	TP-R1	R1 SW
117	TP-R2	R2 SW
118	TP-RESET	Reset
119	TP-RLSABLE	Release permission
120	TP-RLSMG	Release Mg driving signal
121	TP-RSIG	Release signal
122	TP-RSW	Release SW
123	TP-RX	Serial In
124	TP-SBREADY	Speedlight Ready
125	TP-SBSTBY	Ready LED cathode
126	TP-SBSTOP	Speedlight stop
127	TP-SBTTL	Speedlight TTL
128	TP-SC	S-Cdial output
129	TP-SELF	Self-timer signal
130	TP-SELFLED	Self-timer LED cathode
131	TP-SM0	Serial mode 0
132	TP-SM1	Serial mode 1
133	TP-SM2	Serial mode 2
134	TP-SM3	Serial mode 3
135	TP-STOP	Flash stop sinal
136	TP-TAJYU1	Not in use
137	TP-TAJYU2	Not in use
138	TP-TEST	Data back inspection terminal
139	TP-TTLG	TTL 150 Amp. Input
140	TP-TTLSIG	TTL signal
141	TP-TV	Tvdial output
142	TP-TX	Serial Out
143	TP-VREF	A/D ref. voltage
144	TP-XTAL	MainCPU oscillator
145	AS-1MG	Opening curtain Mg press-contact terminal
146	AS-2MG	Closing curtain Mg press-contact terminal
147	AS-AF12V	12V-for CDD
148	AS-AF3V	3.3V for AF

CHECK I NG LANDS (5)

No.	Name	Function
149	AS-AFA5V	Analog 5.5V for AF
150	AS-AFABLE	AF permission
151	AS-AFAGND	Analog GND for AF
152	AS-AFCLK	Clock AF
153	AS-AFD5V	Digital 5.5V for AF
154	AS-AFDGND	Digital GND for AF
155	AS-AFH SIG	AF pre-release signal
156 \	AS-AFI/O	1/0 for AF
157	AS-AFRESET	Reset for AF
158	AS-AFRSIG	Release signal for AF
159	AS-AFRSWSIG	Release SW signal for AF
160	AS-ATOMAKUSW	Closing curtain SW press-contact terminal
161	AS-BACK	Camera back SW soldering terminal
162	AS-CTL1	AF control 1
163	AS-CTL2	AF control 2
164	AS-CTL3	AF control 3
165	AS-DBCLK	Clock for data back
166	AS-DBH/R	Data back pre-release /release
167	AS-DBH/R	Data back 1/0
168	AS-DBI/O	Data back inspection terminal
169	AS-DBTEST	Data back imprinting
170	AS-DBWRT	Data command for AF
171	AS-DC	Data back control 1/0
172	AS-DCI/O	DX2 press-control terminal
173	AS-DX2	DX3 press-contact terminal
174	AS-DX3	DX4 press-contact terminal
175	AS-DX4	DX5 press-contact terminal
176	AS-DX5	DX6 press-contact terminal
177	AS-DX6	Filter drive 0
178	AS-FD0	Filter drive 1
179	AS-FD1	End LED cathode
180	AS-FILMENDLED	Reserve
181	AS-FILTER	Pre-release SW
182	AS-HSW	ISodial output
183	AS-ISO	3.3V for end LED
184	AS- ISO3V	Analog GND for 1S0 base plate
185	AS- ISOAGND	Ref. voltage for 1S0 output