

Fluke 3870 microcontroller pin functions

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This is a summary of the signals on the 40-pin 3870 "F8" CPU chip in the Fluke 8050A multimeter. It's intended primarily as a reference while wiring up the interconnects from this CPU to the STM32F103 microcontroller.

Signal 3870 Pin3870 PinSignal

Vcc/+5	40	1	
	39	2	
	38	3	RNGA
Z	37	4	RNGB
Y	36	5	RNGC
X	35	6	FB
W	34	7	
	33	8	
	32	9	
	31	10	
	30	11	ST4
	29	12	ST3
	28	13	ST2
	27	14	ST1
	26	15	ST0
	25	16	
	24	17	FD
HV	23	18	FA
DP	22	19	FC
	21	20	GND

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