

				Pin 6	Pin 5	Pin 4	Pin 40 A5	Pin 39 A4					Reset BTN				
				B0	B1	B2	PGC	PGD	GND	3.3V	VPP						
				8	7	6	5	4	3	2	1						
		C4	1									40	C3	Pin 19			
		G6	2									39	C2	Pin 18			
		G7	3									38	C1	Pin 17			
	Video Red	G8	4									37	E7	Program BUTTON			
		VPP	5									36	E6	User BUTTON			
	Video Hsync	G9	6									35	E5	Pin 16			
	Pin 20	A0	7									34	G15				
	Pin 11	E8	8									33	E4	Pin 34 D13			
	Pin 14	E9	9									32	E3	Green LED			
	Pin 1	B5	10									31	E2	White LED			
	Pin 2	B4	11									30	G13	Pin 33 D12			
	Pin 3	B3	12									29	G12	Pin 32 D11			
		A9	13									28	G14	Pin 31 D10			
		A10	14									27	E1	Red LED			
	Pin 35 A0	B8	15									26	E0	Yellow LED - Pin(0)			
	Pin 36 A1	B9	16									25	A7	Pin 30 D9			
	Pin 37 A2	B10	17									24	A6	Pin 29 D8			
	Pin 38 A3	B11	18									23	G0	Pin 28 D7			
	SD Card enable	A1	19									22	G1	Pin 27 D6			
	SD clock	F13	20									21	F1	Pin 26 D5			
		F12	21									20	F0	Pin 25 D4			
	Pin 7	B12	22									19	D7	Kbd Data			
	Pin 8	B13	23									18	D6	SD Card write protect			
	Pin 9	B14	24									17	D5	SD Card present			
	Pin 10	B15	25									16	D4	Pin 24 D3			
	Video Hsync	D14	26									15	D13	Kbd Clock			
		D15	27									14	D12	Pin 23 D2			
	SD Data from card	F4	28									13	D3	Audio L			
	SD Data to card	F5	29									12	D2	Video Hsync out			
		F2	30									11	D1	Audio R			
	Video Blue	F8	31									10	C14	Video ground for composite			
	RTC SCL	A2	32									9	C13	connect to GND to program			
	RTC SCA	A3	33									8	D0	Video Green			
	Video Vsync	A4	34									7	D11	Pin 22 D1			
		A5	35									6	D10				
	Pin 13	A14	36									5	D9	Video Hsync			
	Pin 12	A15	37									4	D8	Pin 21 D0			
		3.3V	38									3	3.3V				
		5V	39									2	5V				
		GND	40									1	GND				