

IC2004 XC2VP7FF896		A2 VCCAUX	A3 VRP_2	A4 AVCCAUXK9	A5 VTRXPAD9	A6 AVCCAUXK9	A7 VTRXPAD9	A8 GND	A9 GND	A10 GND	A11 AVCCAUXK7	A12 VTRXPAD7	A13 AVCCAUXK7	A14 VTRXPAD7	A15 VCCAUX	A16 VCCAUX	A17 GOL_RXN	A18 GOL_RXP	A19 GOL_TXP	A20 GOL_TXN	A21 GND	A22 GND	A23 LEDn(0)	A24 LEDn(1)	A25 LEDn(2)	A26 LEDn(3)	A27 GND	A28 VRP_7	A29 VCCAUX	A30 GND	A31 VCCAUX																														
B1	VCCAUX	B2	VRN_2	B4	AVCCAUXK9	B6	VTRXPAD9	B8	GND	B10	AVCCAUXK7	B12	VTRXPAD7	B14	VTRXPAD7	B16	GOL_RXN	B18	GOL_RXP	B20	GOL_TXP	B22	GOL_TXN	B24	LEDn(1)	B26	LEDn(2)	B28	LEDn(3)	B30	GND	B32	VRP_7	B34	VCCAUX	B36	GND	B38	VCCAUX	B40	GND	B42	VCCAUX	B44	GND	B46	VCCAUX	B48	GND	B50	VCCAUX										
C1	GND	C2	GND	C4	GND	C6	GND	C8	GND	C10	GND	C12	GND	C14	GND	C16	GND	C18	GND	C20	GND	C22	GND	C24	GND	C26	GND	C28	GND	C30	GND	C32	GND	C34	GND	C36	GND	C38	GND	C40	GND	C42	GND	C44	GND	C46	GND	C48	GND	C50	GND	C52	GND	C54	GND	C56	GND	C58	GND	C60	GND
D1	GND	D2	GND	D4	GND	D6	GND	D8	GND	D10	GND	D12	GND	D14	GND	D16	GND	D18	GND	D20	GND	D22	GND	D24	GND	D26	GND	D28	GND	D30	GND	D32	GND	D34	GND	D36	GND	D38	GND	D40	GND	D42	GND	D44	GND	D46	GND	D48	GND	D50	GND	D52	GND	D54	GND	D56	GND	D58	GND	D60	GND
E1	GND	E2	GND	E4	GND	E6	GND	E8	GND	E10	GND	E12	GND	E14	GND	E16	GND	E18	GND	E20	GND	E22	GND	E24	GND	E26	GND	E28	GND	E30	GND	E32	GND	E34	GND	E36	GND	E38	GND	E40	GND	E42	GND	E44	GND	E46	GND	E48	GND	E50	GND	E52	GND	E54	GND	E56	GND	E58	GND	E60	GND
F1	GND	F2	GND	F4	GND	F6	GND	F8	GND	F10	GND	F12	GND	F14	GND	F16	GND	F18	GND	F20	GND	F22	GND	F24	GND	F26	GND	F28	GND	F30	GND	F32	GND	F34	GND	F36	GND	F38	GND	F40	GND	F42	GND	F44	GND	F46	GND	F48	GND	F50	GND	F52	GND	F54	GND	F56	GND	F58	GND	F60	GND
G1	GND	G2	GND	G4	GND	G6	GND	G8	GND	G10	GND	G12	GND	G14	GND	G16	GND	G18	GND	G20	GND	G22	GND	G24	GND	G26	GND	G28	GND	G30	GND	G32	GND	G34	GND	G36	GND	G38	GND	G40	GND	G42	GND	G44	GND	G46	GND	G48	GND	G50	GND	G52	GND	G54	GND	G56	GND	G58	GND	G60	GND
H1	GND	H2	GND	H4	GND	H6	GND	H8	GND	H10	GND	H12	GND	H14	GND	H16	GND	H18	GND	H20	GND	H22	GND	H24	GND	H26	GND	H28	GND	H30	GND	H32	GND	H34	GND	H36	GND	H38	GND	H40	GND	H42	GND	H44	GND	H46	GND	H48	GND	H50	GND	H52	GND	H54	GND	H56	GND	H58	GND	H60	GND
I1	GND	I2	GND	I4	GND	I6	GND	I8	GND	I10	GND	I12	GND	I14	GND	I16	GND	I18	GND	I20	GND	I22	GND	I24	GND	I26	GND	I28	GND	I30	GND	I32	GND	I34	GND	I36	GND	I38	GND	I40	GND	I42	GND	I44	GND	I46	GND	I48	GND	I50	GND	I52	GND	I54	GND	I56	GND	I58	GND	I60	GND
J1	GND	J2	GND	J4	GND	J6	GND	J8	GND	J10	GND	J12	GND	J14	GND	J16	GND	J18	GND	J20	GND	J22	GND	J24	GND	J26	GND	J28	GND	J30	GND	J32	GND	J34	GND	J36	GND	J38	GND	J40	GND	J42	GND	J44	GND	J46	GND	J48	GND	J50	GND	J52	GND	J54	GND	J56	GND	J58	GND	J60	GND
K1	GND	K2	GND	K4	GND	K6	GND	K8	GND	K10	GND	K12	GND	K14	GND	K16	GND	K18	GND	K20	GND	K22	GND	K24	GND	K26	GND	K28	GND	K30	GND	K32	GND	K34	GND	K36	GND	K38	GND	K40	GND	K42	GND	K44	GND	K46	GND	K48	GND	K50	GND	K52	GND	K54	GND	K56	GND	K58	GND	K60	GND
L1	GND	L2	GND	L4	GND	L6	GND	L8	GND	L10	GND	L12	GND	L14	GND	L16	GND	L18	GND	L20	GND	L22	GND	L24	GND	L26	GND	L28	GND	L30	GND	L32	GND	L34	GND	L36	GND	L38	GND	L40	GND	L42	GND	L44	GND	L46	GND	L48	GND	L50	GND	L52	GND	L54	GND	L56	GND	L58	GND	L60	GND
M1	GND	M2	GND	M4	GND	M6	GND	M8	GND	M10	GND	M12	GND	M14	GND	M16	GND	M18	GND	M20	GND	M22	GND	M24	GND	M26	GND	M28	GND	M30	GND	M32	GND	M34	GND	M36	GND	M38	GND	M40	GND	M42	GND	M44	GND	M46	GND	M48	GND	M50	GND	M52	GND	M54	GND	M56	GND	M58	GND	M60	GND
N1	GND	N2	GND	N4	GND	N6	GND	N8	GND	N10	GND	N12	GND	N14	GND	N16	GND	N18	GND	N20	GND	N22	GND	N24	GND	N26	GND	N28	GND	N30	GND	N32	GND	N34	GND	N36	GND	N38	GND	N40	GND	N42	GND	N44	GND	N46	GND	N48	GND	N50	GND	N52	GND	N54	GND	N56	GND	N58	GND	N60	GND
P1	GND	P2	GND	P4	GND	P6	GND	P8	GND	P10	GND	P12	GND	P14	GND	P16	GND	P18	GND	P20	GND	P22	GND	P24	GND	P26	GND	P28	GND	P30	GND	P32	GND	P34	GND	P36	GND	P38	GND	P40	GND	P42	GND	P44	GND	P46	GND	P48	GND	P50	GND	P52	GND	P54	GND	P56	GND	P58	GND	P60	GND
Q1	VCCAUX	Q2	GND	Q4	GND	Q6	GND	Q8	GND	Q10	GND	Q12	GND	Q14	GND	Q16	GND	Q18	GND	Q20	GND	Q22	GND	Q24	GND	Q26	GND	Q28	GND	Q30	GND	Q32	GND	Q34	GND	Q36	GND	Q38	GND	Q40	GND	Q42	GND	Q44	GND	Q46	GND	Q48	GND	Q50	GND	Q52	GND	Q54	GND	Q56	GND	Q58	GND	Q60	GND
R1	VCCAUX	R2	GND	R4	GND	R6	GND	R8	GND	R10	GND	R12	GND	R14	GND	R16	GND	R18	GND	R20	GND	R22	GND	R24	GND	R26	GND	R28	GND	R30	GND	R32	GND	R34	GND	R36	GND	R38	GND	R40	GND	R42	GND	R44	GND	R46	GND	R48	GND	R50	GND	R52	GND	R54	GND	R56	GND	R58	GND	R60	GND
S1	VCCAUX	S2	GND	S4	GND	S6	GND	S8	GND	S10	GND	S12	GND	S14	GND	S16	GND	S18	GND	S20	GND	S22	GND	S24	GND	S26	GND	S28	GND	S30	GND	S32	GND	S34	GND	S36	GND	S38	GND	S40	GND	S42	GND	S44	GND	S46	GND	S48	GND	S50	GND	S52	GND	S54	GND	S56	GND	S58	GND	S60	GND
T1	VCCAUX	T2	GND	T4	GND	T6	GND	T8	GND	T10	GND	T12	GND	T14	GND	T16	GND	T18	GND	T20	GND	T22	GND	T24	GND	T26	GND	T28	GND	T30	GND	T32	GND	T34	GND	T36	GND	T38	GND	T40	GND	T42	GND	T44	GND	T46	GND	T48	GND	T50	GND	T52	GND	T54	GND	T56	GND	T58	GND	T60	GND
U1	GND	U2	GND	U4	GND	U6	GND	U8	GND	U10	GND	U12	GND	U14	GND	U16	GND	U18	GND	U20	GND	U22	GND	U24	GND	U26	GND	U28	GND	U30	GND	U32	GND	U34	GND	U36	GND	U38	GND	U40	GND	U42	GND	U44	GND	U46	GND	U48	GND	U50	GND	U52	GND	U54	GND	U56	GND	U58	GND	U60	GND
V1	A21_select	V2	GND	V4	GND	V6	GND	V8	GND	V10	GND	V12	GND	V14	GND	V16	GND	V18	GND	V20	GND	V22	GND	V24	GND	V26	GND	V28	GND	V30	GND	V32	GND	V34	GND	V36	GND	V38	GND	V40	GND	V42	GND	V44	GND	V46	GND	V48	GND	V50	GND	V52	GND	V54	GND	V56	GND	V58	GND	V60	GND
W1	Adr(21)	W2	MS0_n	W4	MS1_n	W6	MS2_n	W8	MS3_n	W10	MS4_n	W12	MS5_n	W14	MS6_n	W16	MS7_n	W18	MS8_n	W20	MS9_n	W22	MS10_n	W24	MS11_n	W26	MS12_n	W28	MS13_n	W30	MS14_n	W32	MS15_n	W34	MS16_n	W36	MS17_n	W38	MS18_n	W40	MS19_n	W42	MS20_n	W44	MS21_n	W46	MS22_n	W48	MS23_n	W50	MS24_n	W52	MS25_n	W54	MS26_n	W56	MS27_n	W58	MS28_n	W60	MS29_n
Y1	Adr(17)	Y2	Adr(18)	Y4	Adr(19)	Y6	Adr(20)	Y8	Adr(21)	Y10	Adr(22)	Y12	Adr(23)	Y14	Adr(24)	Y16	Adr(25)	Y18	Adr(26)	Y20	Adr(27)	Y22	Adr(28)	Y24	Adr(29)	Y26	Adr(30)	Y28	Adr(31)	Y30	Adr(32)	Y32	Adr(33)	Y34	Adr(34)	Y36	Adr(35)	Y38	Adr(36)	Y40	Adr(37)	Y42	Adr(38)	Y44	Adr(39)	Y46	Adr(40)	Y48	Adr(41)	Y50	Adr(42)	Y52	Adr(43)	Y54	Adr(44)	Y56	Adr(45)	Y58	Adr(46)	Y60	Adr(47)
AA1	Adr(11)	AA2	Adr(12)	AA4	Adr(13)	AA6	Adr(14)	AA8	Adr(15)	AA10	Adr(16)	AA12	Adr(17)	AA14	Adr(18)	AA16	Adr(19)	AA18	Adr(20)	AA20	Adr(21)	AA22	Adr(22)	AA24	Adr(23)	AA26	Adr(24)	AA28	Adr(25)	AA30	Adr(26)	AA32	Adr(27)	AA34	Adr(28)	AA36	Adr(29)	AA38	Adr(30)	AA40	Adr(31)	AA42	Adr(32)	AA44	Adr(33)	AA46	Adr(34)	AA48	Adr(35)	AA50	Adr(36)	AA52	Adr(37)	AA54	Adr(38)	AA56	Adr(39)	AA58	Adr(40)	AA60	Adr(41)
AB1	Adr(7)	AB2	Adr(8)	AB4	Adr(9)	AB6	Adr(10)	AB8	Adr(11)	AB10	Adr(12)	AB12	Adr(13)	AB14	Adr(14)	AB16	Adr(15)	AB18	Adr(16)	AB20	Adr(17)	AB22	Adr(18)	AB24	Adr(19)	AB26	Adr(20)	AB28	Adr(21)	AB30	Adr(22)	AB32	Adr(23)	AB34	Adr(24)	AB36	Adr(25)	AB38	Adr(26)	AB40	Adr(27)	AB42	Adr(28)	AB44	Adr(29)	AB46	Adr(30)	AB48	Adr(31)	AB50	Adr(32)	AB52	Adr(33)	AB54	Adr(34)	AB56	Adr(35)	AB58	Adr(36)	AB60	Adr(37)
AC1	GND	AC2	Adr(4)	AC4	Adr(5)	AC6	Adr(6)	AC8	Adr(7)	AC10	Adr(8)	AC12	Adr(9)	AC14	Adr(10)	AC16	Adr(11)	AC18	Adr(12)	AC20	Adr(13)	AC22	Adr(14)	AC24	Adr(15)	AC26	Adr(16)	AC28	Adr(17)	AC30	Adr(18)	AC32	Adr(19)	AC34	Adr(20)	AC36	Adr(21)	AC38	Adr(22)	AC40	Adr(23)	AC42	Adr(24)	AC44	Adr(25)	AC46	Adr(26)	AC48	Adr(27)	AC50	Adr(28)	AC52	Adr(29)	AC54	Adr(30)	AC56	Adr(31)	AC58	Adr(32)	AC60	Adr(33)
AD1	GND	AD2	Adr(2)	AD4	Adr(3)	AD6	Adr(4)	AD8	Adr(5)	AD10	Adr(6)	AD12	Adr(7)	AD14	Adr(8)	AD16	Adr(9)	AD18	Adr(10)	AD20	Adr(11)	AD22	Adr(12)	AD24	Adr(13)	AD26	Adr(14)	AD28	Adr(15)	AD30	Adr(16)	AD32	Adr(17)	AD34	Adr(18)	AD36	Adr(19)	AD38	Adr(20)	AD40	Adr(21)	AD42	Adr(22)	AD44	Adr(23)	AD46	Adr(24)	AD48	Adr(25)	AD50	Adr(26)	AD52	Adr(27)	AD54	Adr(28)	AD56	Adr(29)	AD58	Adr(30)	AD60	Adr(31)
AE1	GND	AE2	Adr(25)	AE4	Adr(26)	AE6	Adr(27)	AE8	Adr(28)	AE10	Adr(29)	AE12	Adr(30)	AE14	Adr(31)	AE16	Adr(32)	AE18	Adr(33)	AE20	Adr(34)	AE22	Adr(35)	AE24	Adr(36)	AE26	Adr(37)	AE28	Adr(38)	AE30	Adr(39)	AE32	Adr(40)	AE34	Adr(41)	AE36	Adr(42)	AE38	Adr(43)	AE40	Adr(44)	AE42	Adr(45)	AE44	Adr(46)	AE46	Adr(47)	AE48	Adr(48)	AE50	Adr(49)	AE52	Adr(50)	AE54	Adr(51)	AE56	Adr(52)	AE58	Adr(53)	AE60	Adr(54)
AF1	GND	AF2	GND	AF4	GND	AF6	GND	AF8																																																					