

M4R: Resistors for NINO card in position #1					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	600	R1	140
	2	R4	600	R3	200
	3	R6	WIRE	R5	WIRE
	4	R8	600	R7	250
	5	R10	600	R9	400
	6	R12	600	R11	195
	7	R14	600	R13	330
	8	R16	600	R15	185
	9	R2	600	R1	125
	10	R4	400	R3	430
	11	R6	WIRE	R5	WIRE
	12	R8	600	R7	350
	13	R10	600	R9	210
	14	R12	600	R11	280
	15	R14	600	R13	250
	16	R16	600	R15	125

M4R: Resistors for NINO card in position #2					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	500	R1	365
	2	R4	wire	R3	wire
	3	R6	300	R5	280
	4	R8	500	R7	470
	5	R10	300	R9	525
	6	R12	500	R11	305
	7	R14	500	R13	350
	8	R16	500	R15	430
	9	R2	500	R1	470
	10	R4	500	R3	295
	11	R6	wire	R5	wire
	12	R8	350	R7	350
	13	R10	500	R9	490
	14	R12	500	R11	80
	15	R14	500	R13	75
	16	R16	500	R15	75

M4R: Resistors for NINO card in position #3					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	WIRE	R1	WIRE
	2	R4	300	R3	430
	3	R6	500	R5	375
	4	R8	500	R7	325
	5	R10	300	R9	285
	6	R12	500	R11	475
	7	R14	500	R13	330
	8	R16	500	R15	175
	9	R2	500	R1	270
	10	R4	500	R3	515
	11	R6	500	R5	135
	12	R8	500	R7	255
	13	R10	500	R9	125
	14	R12	WIRE	R11	WIRE
	15	R14	500	R13	285
	16	R16	500	R15	155

M4R: Resistors for NINO card in position #4					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	700	R1	150
	2	R4	200	R3	410
	3	R6	700	R5	295
	4	R8	700	R7	475
	5	R10	WIRE	R9	WIRE
	6	R12	350	R11	440
	7	R14	350	R13	385
	8	R16	700	R15	330
	9	R2	700	R1	265
	10	R4	700	R3	125
	11	R6	700	R5	370
	12	R8	400	R7	330
	13	R10	700	R9	405
	14	R12	350	R11	405
	15	R14	700	R13	150
	16	R16	WIRE	R15	WIRE

M4R: Resistors for NINO card in position #2					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	500	R1	365
	2	R4	wire	R3	wire
	3	R6	300	R5	280
	4	R8	500	R7	470
	5	R10	300	R9	525
	6	R12	500	R11	305
	7	R14	500	R13	350
	8	R16	500	R15	430
	9	R2	500	R1	470
	10	R4	500	R3	295
	11	R6	wire	R5	wire
	12	R8	350	R7	350
	13	R10	500	R9	490
	14	R12	500	R11	80
	15	R14	500	R13	75
	16	R16	500	R15	75

M4R: Resistors for NINO card in position #2					
Card	Pixel	R even ( $\Omega$ )		R odd ( $\Omega$ )	
	1	R2	500	R1	365
	2	R4	wire	R3	wire
	3	R6	300	R5	280
	4	R8	500	R7	470
	5	R10	300	R9	525
	6	R12	500	R11	305
	7	R14	500	R13	350
	8	R16	500	R15	430
	9	R2	500	R1	470
	10	R4	500	R3	295
	11	R6	wire	R5	wire
	12	R8	350	R7	350
	13	R10	500	R9	490
	14	R12	500	R11	80
	15	R14	500	R13	75
	16	R16	500	R15	75