Balloon size	Balloon ID	LED Port	Board	Darlington Array	Connector
5	0	0,1,–	PowerBoard1	1,1, –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
5	1	3,4,–	PowerBoard1	1, 1 –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
5	2	6,7, –	PowerBoard1	1, 1, –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
5	3	8, 9, –	PowerBoard1	2, 2, –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
5	4	11, 12, –	PowerBoard1	2, 2, –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
5	5	14, 15, –	PowerBoard1	2, 2, –	[4 pin male, 2X 2 pin female], [2 pin male, 2 pin female]
4	6	16	PowerBoard1	3	2X 2 pin male, 2X 2 pin female
4	7	17	PowerBoard1	3	paired with 6
4	8	19	PowerBoard2	7	2X 2 pin male, 2X 2 pin female
4	9	20	PowerBoard2	7	2X 2 pin male, 2X 2 pin female
4	10	21	PowerBoard2	7	2X 2 pin male, 2X 2 pin female
4	11	24	PowerBoard2	8	paired with 8
4	12	25	PowerBoard2	8	paired with 9
4	13	26	PowerBoard2	8	paired with 10
4	14	20	PowerBoard1	3	2 pin male, 2 pin female
4	15	24	PowerBoard1	4	2 pin male, 2 pin female
4	16	25	PowerBoard1	4	2 pin male, 2 pin female
4	17	26	PowerBoard1	4	2 pin male, 2 pin female
3	18	27	PowerBoard1	4	2 pin male, 2 pin female
3	19	28	PowerBoard1	4	2X 2 pin male, 2X 2 pin female
3	20	0	PowerBoard2	5	2 pin male, 2 pin female
3	21	1	PowerBoard2	5	paired with 19
3	22	2	PowerBoard2	5	2 pin male, 2 pin female
3	23	3	PowerBoard2	5	2 pin male, 2 pin female
3	24	4	PowerBoard2	5	2 pin male, 2 pin female
3	25	5	PowerBoard2	5	2X 2 pin male, 2X 2 pin female
3	26	6	PowerBoard2	5	2X 2 pin male, 2X 2 pin female
3	27	7	PowerBoard2	5	2X 2 pin male, 2X 2 pin female
3	28	8	PowerBoard2	6	2 pin male, 2 pin female
3	29	9	PowerBoard2	6	2 pin male, 2 pin female
3	30	10	PowerBoard2	6	2 pin male, 2 pin female
3	31	11	PowerBoard2	6	paired with 25
3	32	12	PowerBoard2	6	paired with 26
3	33	13	PowerBoard2	6	paired with 27
3	34	14	PowerBoard2	6	2 pin male, 2 pin female
3	35	15	PowerBoard2	6	2 pin male, 2 pin female
3	36	16	PowerBoard2	7	2 pin male, 2 pin female
3	37	17	PowerBoard2	7	2 pin male, 2 pin female
3	38	18	PowerBoard2	7	2 pin male, 2 pin female
~~3~~	~~39~~		~~PowerBoard2~~		not used
~~3~~	~~40~~		~~PowerBoard2~~		not used

Balloon size	Balloon ID	LED Port	Board	Darlington Array	Connector
3	41		PowerBoard2		not used
2	42	0	LEDBoard		4 pin male, 4 pin female
2	43	1	LEDBoard		4 pin male, 4 pin female
2	44	2	LEDBoard		4 pin male, 4 pin female
2	45	3	LEDBoard		4 pin male, 4 pin female
2	46	4	LEDBoard		4 pin male, 4 pin female
2	47	5	LEDBoard		4 pin male, 4 pin female
2	48	16	LEDBoard		4 pin male, 4 pin female
2	49	17	LEDBoard		4 pin male, 4 pin female
2	50	18	LEDBoard		4 pin male, 4 pin female
2	51	19	LEDBoard		4 pin male, 4 pin female
2	52	20	LEDBoard		4 pin male, 4 pin female
2	53	21	LEDBoard		4 pin male, 4 pin female
2	54	32	LEDBoard		4 pin male, 4 pin female
2	55	33	LEDBoard		4 pin male, 4 pin female
2	56	34	LEDBoard		4 pin male, 4 pin female
2	57	35	LEDBoard		4 pin male, 4 pin female
2	58	36	LEDBoard		4 pin male, 4 pin female
2	59	37	LEDBoard		4 pin male, 4 pin female
2	60	48	LEDBoard		4 pin male, 4 pin female
2	61	49	LEDBoard		4 pin male, 4 pin female
2	62	50	LEDBoard		4 pin male, 4 pin female
2	63	51	LEDBoard		4 pin male, 4 pin female
2	64	52	LEDBoard		4 pin male, 4 pin female
2	65	53	LEDBoard		4 pin male, 4 pin female