

```
1 VERSION 5.00
2 Object = "{648A5603-2C6E-101B-82B6-000000000014}#1.1#0"; "MSCOMM32.OCX"
3 Begin VB.Form Form1
4     BorderStyle     = 1 'Fixed Single
5     Caption         = "Hardware Channel Routing Demo"
6     ClientHeight    = 4335
7     ClientLeft      = 45
8     ClientTop       = 330
9     ClientWidth     = 6975
10    LinkTopic       = "Form1"
11    MaxButton       = 0 'False
12    MinButton       = 0 'False
13    ScaleHeight     = 4335
14    ScaleWidth      = 6975
15    StartUpPosition = 3 'Windows Default
16    Begin VB.CommandButton Command2
17        Caption      = "All Off"
18        Height       = 375
19        Left         = 4440
20        TabIndex    = 86
21        Top         = 960
22        Width       = 1095
23    End
24    Begin VB.CommandButton Command1
25        Caption      = "All On"
26        Height       = 375
27        Left         = 4440
28        TabIndex    = 85
29        Top         = 600
30        Width       = 1095
31    End
32    Begin MSCommLib.MSComm MSComm1
33        Left         = 6360
34        Top         = 0
35        _ExtentX    = 1005
36        _ExtentY    = 1005
37        _Version    = 393216
38        DTREnable   = 0 'False
39    End
40    Begin VB.CommandButton cmdH2
41        Caption      = "6"
42        Height       = 375
43        Index        = 5
44        Left         = 3600
45        TabIndex    = 83
46        Top         = 2880
47        Width       = 735
48    End
49    Begin VB.CommandButton cmdH2
50        Caption      = "5"
51        Height       = 375
52        Index        = 4
53        Left         = 3600
54        TabIndex    = 82
55        Top         = 2520
56        Width       = 735
57    End
58    Begin VB.CommandButton cmdH2
59        Caption      = "4"
60        Height       = 375
61        Index        = 3
62        Left         = 3600
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63     TabIndex      = 81
64     Top           = 2160
65     Width        = 735
66     End
67     Begin VB.CommandButton cmdH2
68         Caption    = "3"
69         Height     = 375
70         Index      = 2
71         Left       = 3600
72         TabIndex   = 80
73         Top        = 1800
74         Width      = 735
75     End
76     Begin VB.CommandButton cmdH2
77         Caption    = "2"
78         Height     = 375
79         Index      = 1
80         Left       = 3600
81         TabIndex   = 79
82         Top        = 1440
83         Width      = 735
84     End
85     Begin VB.CommandButton cmdH2
86         Caption    = "1"
87         Height     = 375
88         Index      = 0
89         Left       = 3600
90         TabIndex   = 78
91         Top        = 1080
92         Width      = 735
93     End
94     Begin VB.CommandButton cmdV2
95         Caption    = "6"
96         Height     = 735
97         Index      = 5
98         Left       = 2880
99         TabIndex   = 77
100        Top        = 3600
101        Width      = 375
102     End
103     Begin VB.CommandButton cmdV2
104         Caption    = "5.."
105         Height     = 735
106         Index      = 4
107         Left       = 2520
108         TabIndex   = 76
109         Top        = 3600
110        Width      = 375
111     End
112     Begin VB.CommandButton cmdV2
113         Caption    = "4"
114         Height     = 735
115         Index      = 3
116         Left       = 2160
117         TabIndex   = 75
118         Top        = 3600
119         Width      = 375
120     End
121     Begin VB.CommandButton cmdV2
122         Caption    = "3"
123         Height     = 735
124         Index      = 2
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125     Left           = 1800
126     TabIndex      = 74
127     Top            = 3600
128     Width          = 375
129     End
130     Begin VB.CommandButton cmdV2
131         Caption      = "2"
132         Height       = 735
133         Index        = 1
134         Left         = 1440
135         TabIndex    = 73
136         Top          = 3600
137         Width        = 375
138     End
139     Begin VB.CommandButton cmdV2
140         Caption      = "1"
141         Height       = 735
142         Index        = 0
143         Left         = 1080
144         TabIndex    = 72
145         Top          = 3600
146         Width        = 375
147     End
148     Begin VB.CheckBox Check8
149         BackColor    = &H0000C000&
150         Height       = 375
151         Index        = 5
152         Left         = 3240
153         Style        = 1 'Graphical
154         TabIndex    = 59
155         Top          = 2880
156         Width        = 375
157     End
158     Begin VB.CheckBox Check8
159         BackColor    = &H0000C000&
160         Height       = 375
161         Index        = 4
162         Left         = 3240
163         Style        = 1 'Graphical
164         TabIndex    = 58
165         Top          = 2520
166         Width        = 375
167     End
168     Begin VB.CheckBox Check8
169         BackColor    = &H0000C000&
170         Height       = 375
171         Index        = 3
172         Left         = 3240
173         Style        = 1 'Graphical
174         TabIndex    = 57
175         Top          = 2160
176         Width        = 375
177     End
178     Begin VB.CheckBox Check8
179         BackColor    = &H0000C000&
180         Height       = 375
181         Index        = 2
182         Left         = 3240
183         Style        = 1 'Graphical
184         TabIndex    = 56
185         Top          = 1800
186         Width        = 375
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187     End
188     Begin VB.CheckBox Check8
189         BackColor      = &H0000C000&
190         Height          = 375
191         Index           = 1
192         Left            = 3240
193         Style           = 1 'Graphical
194         TabIndex       = 55
195         Top            = 1440
196         Width          = 375
197     End
198     Begin VB.CheckBox Check8
199         BackColor      = &H0000C000&
200         Height          = 375
201         Index           = 0
202         Left            = 3240
203         Style           = 1 'Graphical
204         TabIndex       = 54
205         Top            = 1080
206         Width          = 375
207     End
208     Begin VB.CheckBox Check7
209         BackColor      = &H0000C000&
210         Height          = 375
211         Index           = 7
212         Left            = 2880
213         Style           = 1 'Graphical
214         TabIndex       = 53
215         Top            = 3240
216         Width          = 375
217     End
218     Begin VB.CheckBox Check7
219         BackColor      = &H000040C0&
220         Height          = 375
221         Index           = 6
222         Left            = 2880
223         Style           = 1 'Graphical
224         TabIndex       = 52
225         Top            = 2880
226         Width          = 375
227     End
228     Begin VB.CheckBox Check7
229         BackColor      = &H000040C0&
230         Height          = 375
231         Index           = 5
232         Left            = 2880
233         Style           = 1 'Graphical
234         TabIndex       = 51
235         Top            = 2520
236         Width          = 375
237     End
238     Begin VB.CheckBox Check7
239         BackColor      = &H000040C0&
240         Height          = 375
241         Index           = 4
242         Left            = 2880
243         Style           = 1 'Graphical
244         TabIndex       = 50
245         Top            = 2160
246         Width          = 375
247     End
248     Begin VB.CheckBox Check7
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249     BackColor      =    &H000040C0&
250     Height         =    375
251     Index          =    3
252     Left           =    2880
253     Style          =    1  'Graphical
254     TabIndex       =    49
255     Top            =    1800
256     Width         =    375
257 End
258 Begin VB.CheckBox Check7
259     BackColor      =    &H000040C0&
260     Height         =    375
261     Index          =    2
262     Left           =    2880
263     Style          =    1  'Graphical
264     TabIndex       =    48
265     Top            =    1440
266     Width         =    375
267 End
268 Begin VB.CheckBox Check7
269     BackColor      =    &H000040C0&
270     Height         =    375
271     Index          =    1
272     Left           =    2880
273     Style          =    1  'Graphical
274     TabIndex       =    47
275     Top            =    1080
276     Width         =    375
277 End
278 Begin VB.CheckBox Check7
279     BackColor      =    &H0000C000&
280     Height         =    375
281     Index          =    0
282     Left           =    2880
283     Style          =    1  'Graphical
284     TabIndex       =    46
285     Top            =    720
286     Width         =    375
287 End
288 Begin VB.CheckBox Check6
289     BackColor      =    &H0000C000&
290     Height         =    375
291     Index          =    7
292     Left           =    2520
293     Style          =    1  'Graphical
294     TabIndex       =    45
295     Top            =    3240
296     Width         =    375
297 End
298 Begin VB.CheckBox Check6
299     BackColor      =    &H000040C0&
300     Height         =    375
301     Index          =    6
302     Left           =    2520
303     Style          =    1  'Graphical
304     TabIndex       =    44
305     Top            =    2880
306     Width         =    375
307 End
308 Begin VB.CheckBox Check6
309     BackColor      =    &H000040C0&
310     Height         =    375
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311     Index           = 5
312     Left            = 2520
313     Style           = 1 'Graphical
314     TabIndex       = 43
315     Top             = 2520
316     Width          = 375
317     End
318     Begin VB.CheckBox Check6
319         BackColor    = &H000040C0&
320         Height       = 375
321         Index        = 4
322         Left         = 2520
323         Style        = 1 'Graphical
324         TabIndex     = 42
325         Top         = 2160
326         Width       = 375
327     End
328     Begin VB.CheckBox Check6
329         BackColor    = &H000040C0&
330         Height       = 375
331         Index        = 3
332         Left         = 2520
333         Style        = 1 'Graphical
334         TabIndex     = 41
335         Top         = 1800
336         Width       = 375
337     End
338     Begin VB.CheckBox Check6
339         BackColor    = &H000040C0&
340         Height       = 375
341         Index        = 2
342         Left         = 2520
343         Style        = 1 'Graphical
344         TabIndex     = 40
345         Top         = 1440
346         Width       = 375
347     End
348     Begin VB.CheckBox Check6
349         BackColor    = &H000040C0&
350         Height       = 375
351         Index        = 1
352         Left         = 2520
353         Style        = 1 'Graphical
354         TabIndex     = 39
355         Top         = 1080
356         Width       = 375
357     End
358     Begin VB.CheckBox Check6
359         BackColor    = &H0000C000&
360         Height       = 375
361         Index        = 0
362         Left         = 2520
363         Style        = 1 'Graphical
364         TabIndex     = 38
365         Top         = 720
366         Width       = 375
367     End
368     Begin VB.CheckBox Check5
369         BackColor    = &H0000C000&
370         Height       = 375
371         Index        = 7
372         Left         = 2160
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373         Style           = 1 'Graphical
374         TabIndex        = 37
375         Top             = 3240
376         Width          = 375
377     End
378     Begin VB.CheckBox Check5
379         BackColor        = &H000040C0&
380         Height           = 375
381         Index            = 6
382         Left             = 2160
383         Style            = 1 'Graphical
384         TabIndex        = 36
385         Top             = 2880
386         Width           = 375
387     End
388     Begin VB.CheckBox Check5
389         BackColor        = &H000040C0&
390         Height           = 375
391         Index            = 5
392         Left             = 2160
393         Style            = 1 'Graphical
394         TabIndex        = 35
395         Top             = 2520
396         Width           = 375
397     End
398     Begin VB.CheckBox Check5
399         BackColor        = &H000040C0&
400         Height           = 375
401         Index            = 4
402         Left             = 2160
403         Style            = 1 'Graphical
404         TabIndex        = 34
405         Top             = 2160
406         Width           = 375
407     End
408     Begin VB.CheckBox Check5
409         BackColor        = &H000040C0&
410         Height           = 375
411         Index            = 3
412         Left             = 2160
413         Style            = 1 'Graphical
414         TabIndex        = 33
415         Top             = 1800
416         Width           = 375
417     End
418     Begin VB.CheckBox Check5
419         BackColor        = &H000040C0&
420         Height           = 375
421         Index            = 2
422         Left             = 2160
423         Style            = 1 'Graphical
424         TabIndex        = 32
425         Top             = 1440
426         Width           = 375
427     End
428     Begin VB.CheckBox Check5
429         BackColor        = &H000040C0&
430         Height           = 375
431         Index            = 1
432         Left             = 2160
433         Style            = 1 'Graphical
434         TabIndex        = 31
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435     Top           = 1080
436     Width        = 375
437     End
438     Begin VB.CheckBox Check5
439         BackColor   = &H0000C000&
440         Height      = 375
441         Index       = 0
442         Left        = 2160
443         Style       = 1 'Graphical
444         TabIndex    = 30
445         Top         = 720
446         Width      = 375
447     End
448     Begin VB.CheckBox Check4
449         BackColor   = &H0000C000&
450         Height      = 375
451         Index       = 7
452         Left        = 1800
453         Style       = 1 'Graphical
454         TabIndex    = 29
455         Top         = 3240
456         Width      = 375
457     End
458     Begin VB.CheckBox Check4
459         BackColor   = &H000040C0&
460         Height      = 375
461         Index       = 6
462         Left        = 1800
463         Style       = 1 'Graphical
464         TabIndex    = 28
465         Top         = 2880
466         Width      = 375
467     End
468     Begin VB.CheckBox Check4
469         BackColor   = &H000040C0&
470         Height      = 375
471         Index       = 5
472         Left        = 1800
473         Style       = 1 'Graphical
474         TabIndex    = 27
475         Top         = 2520
476         Width      = 375
477     End
478     Begin VB.CheckBox Check4
479         BackColor   = &H000040C0&
480         Height      = 375
481         Index       = 4
482         Left        = 1800
483         Style       = 1 'Graphical
484         TabIndex    = 26
485         Top         = 2160
486         Width      = 375
487     End
488     Begin VB.CheckBox Check4
489         BackColor   = &H000040C0&
490         Height      = 375
491         Index       = 3
492         Left        = 1800
493         Style       = 1 'Graphical
494         TabIndex    = 25
495         Top         = 1800
496         Width      = 375
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497     End
498     Begin VB.CheckBox Check4
499         BackColor      = &H000040C0&
500         Height         = 375
501         Index          = 2
502         Left           = 1800
503         Style          = 1 'Graphical
504         TabIndex       = 24
505         Top            = 1440
506         Width          = 375
507     End
508     Begin VB.CheckBox Check4
509         BackColor      = &H000040C0&
510         Height         = 375
511         Index          = 1
512         Left           = 1800
513         Style          = 1 'Graphical
514         TabIndex       = 23
515         Top            = 1080
516         Width          = 375
517     End
518     Begin VB.CheckBox Check4
519         BackColor      = &H0000C000&
520         Height         = 375
521         Index          = 0
522         Left           = 1800
523         Style          = 1 'Graphical
524         TabIndex       = 22
525         Top            = 720
526         Width          = 375
527     End
528     Begin VB.CheckBox Check3
529         BackColor      = &H0000C000&
530         Height         = 375
531         Index          = 7
532         Left           = 1440
533         Style          = 1 'Graphical
534         TabIndex       = 21
535         Top            = 3240
536         Width          = 375
537     End
538     Begin VB.CheckBox Check3
539         BackColor      = &H000040C0&
540         Height         = 375
541         Index          = 6
542         Left           = 1440
543         Style          = 1 'Graphical
544         TabIndex       = 20
545         Top            = 2880
546         Width          = 375
547     End
548     Begin VB.CheckBox Check3
549         BackColor      = &H000040C0&
550         Height         = 375
551         Index          = 5
552         Left           = 1440
553         Style          = 1 'Graphical
554         TabIndex       = 19
555         Top            = 2520
556         Width          = 375
557     End
558     Begin VB.CheckBox Check3
```

```
559     BackColor      =    &H000040C0&
560     Height         =    375
561     Index          =    4
562     Left           =    1440
563     Style          =    1  'Graphical
564     TabIndex       =    18
565     Top            =    2160
566     Width          =    375
567 End
568 Begin VB.CheckBox Check3
569     BackColor      =    &H000040C0&
570     Height         =    375
571     Index          =    3
572     Left           =    1440
573     Style          =    1  'Graphical
574     TabIndex       =    17
575     Top            =    1800
576     Width          =    375
577 End
578 Begin VB.CheckBox Check3
579     BackColor      =    &H000040C0&
580     Height         =    375
581     Index          =    2
582     Left           =    1440
583     Style          =    1  'Graphical
584     TabIndex       =    16
585     Top            =    1440
586     Width          =    375
587 End
588 Begin VB.CheckBox Check3
589     BackColor      =    &H000040C0&
590     Height         =    375
591     Index          =    1
592     Left           =    1440
593     Style          =    1  'Graphical
594     TabIndex       =    15
595     Top            =    1080
596     Width          =    375
597 End
598 Begin VB.CheckBox Check3
599     BackColor      =    &H0000C000&
600     Height         =    375
601     Index          =    0
602     Left           =    1440
603     Style          =    1  'Graphical
604     TabIndex       =    14
605     Top            =    720
606     Width          =    375
607 End
608 Begin VB.CheckBox Check2
609     BackColor      =    &H0000C000&
610     Height         =    375
611     Index          =    7
612     Left           =    1080
613     Style          =    1  'Graphical
614     TabIndex       =    13
615     Top            =    3240
616     Width          =    375
617 End
618 Begin VB.CheckBox Check2
619     BackColor      =    &H000040C0&
620     Height         =    375
```

```
621     Index           = 6
622     Left            = 1080
623     Style           = 1 'Graphical
624     TabIndex       = 12
625     Top            = 2880
626     Width         = 375
627 End
628 Begin VB.CheckBox Check2
629     BackColor      = &H000040C0&
630     Height         = 375
631     Index          = 5
632     Left          = 1080
633     Style          = 1 'Graphical
634     TabIndex       = 11
635     Top           = 2520
636     Width         = 375
637 End
638 Begin VB.CheckBox Check2
639     BackColor      = &H000040C0&
640     Height         = 375
641     Index          = 4
642     Left          = 1080
643     Style          = 1 'Graphical
644     TabIndex       = 10
645     Top           = 2160
646     Width         = 375
647 End
648 Begin VB.CheckBox Check2
649     BackColor      = &H000040C0&
650     Height         = 375
651     Index          = 3
652     Left          = 1080
653     Style          = 1 'Graphical
654     TabIndex       = 9
655     Top           = 1800
656     Width         = 375
657 End
658 Begin VB.CheckBox Check2
659     BackColor      = &H000040C0&
660     Height         = 375
661     Index          = 2
662     Left          = 1080
663     Style          = 1 'Graphical
664     TabIndex       = 8
665     Top           = 1440
666     Width         = 375
667 End
668 Begin VB.CheckBox Check2
669     BackColor      = &H000040C0&
670     Height         = 375
671     Index          = 1
672     Left          = 1080
673     Style          = 1 'Graphical
674     TabIndex       = 7
675     Top           = 1080
676     Width         = 375
677 End
678 Begin VB.CheckBox Check2
679     BackColor      = &H0000C000&
680     Height         = 375
681     Index          = 0
682     Left          = 1080
```

```
683         Style           = 1 'Graphical
684         TabIndex        = 6
685         Top             = 720
686         Width          = 375
687     End
688     Begin VB.CheckBox Check1
689         BackColor        = &H0000C000&
690         Height           = 375
691         Index            = 5
692         Left             = 720
693         Style            = 1 'Graphical
694         TabIndex        = 5
695         Top              = 2880
696         Width           = 375
697     End
698     Begin VB.CheckBox Check1
699         BackColor        = &H0000C000&
700         Height           = 375
701         Index            = 4
702         Left             = 720
703         Style            = 1 'Graphical
704         TabIndex        = 4
705         Top              = 2520
706         Width           = 375
707     End
708     Begin VB.CheckBox Check1
709         BackColor        = &H0000C000&
710         Height           = 375
711         Index            = 3
712         Left             = 720
713         Style            = 1 'Graphical
714         TabIndex        = 3
715         Top              = 2160
716         Width           = 375
717     End
718     Begin VB.CheckBox Check1
719         BackColor        = &H0000C000&
720         Height           = 375
721         Index            = 2
722         Left             = 720
723         Style            = 1 'Graphical
724         TabIndex        = 2
725         Top              = 1800
726         Width           = 375
727     End
728     Begin VB.CheckBox Check1
729         BackColor        = &H0000C000&
730         Height           = 375
731         Index            = 1
732         Left             = 720
733         Style            = 1 'Graphical
734         TabIndex        = 1
735         Top              = 1440
736         Width           = 375
737     End
738     Begin VB.CheckBox Check1
739         BackColor        = &H0000C000&
740         Height           = 375
741         Index            = 0
742         Left             = 720
743         Style            = 1 'Graphical
744         TabIndex        = 0
```

```
745     Top           = 1080
746     Width          = 375
747     End
748     Begin VB.CommandButton cmdV1
749         Caption      = "6"
750         Height       = 735
751         Index        = 5
752         Left         = 2880
753         TabIndex     = 65
754         Top          = 0
755         Width        = 375
756     End
757     Begin VB.CommandButton cmdV1
758         Caption      = "5"
759         Height       = 735
760         Index        = 4
761         Left         = 2520
762         TabIndex     = 64
763         Top          = 0
764         Width        = 375
765     End
766     Begin VB.CommandButton cmdV1
767         Caption      = "4"
768         Height       = 735
769         Index        = 3
770         Left         = 2160
771         TabIndex     = 63
772         Top          = 0
773         Width        = 375
774     End
775     Begin VB.CommandButton cmdV1
776         Caption      = "3."
777         Height       = 735
778         Index        = 2
779         Left         = 1800
780         TabIndex     = 62
781         Top          = 0
782         Width        = 375
783     End
784     Begin VB.CommandButton cmdV1
785         Caption      = "2"
786         Height       = 735
787         Index        = 1
788         Left         = 1440
789         TabIndex     = 61
790         Top          = 0
791         Width        = 375
792     End
793     Begin VB.CommandButton cmdV1
794         Caption      = "1"
795         Height       = 735
796         Index        = 0
797         Left         = 1080
798         TabIndex     = 60
799         Top          = 0
800         Width        = 375
801     End
802     Begin VB.CommandButton cmdH1
803         Caption      = "6"
804         Height       = 375
805         Index        = 5
806         Left         = 0
```

```
807     TabIndex      = 71
808     Top           = 2880
809     Width        = 735
810 End
811 Begin VB.CommandButton cmdH1
812     Caption       = "5."
813     Height        = 375
814     Index         = 4
815     Left          = 0
816     TabIndex      = 70
817     Top           = 2520
818     Width        = 735
819 End
820 Begin VB.CommandButton cmdH1
821     Caption       = "4.."
822     Height        = 375
823     Index         = 3
824     Left          = 0
825     TabIndex      = 69
826     Top           = 2160
827     Width        = 735
828 End
829 Begin VB.CommandButton cmdH1
830     Caption       = "3"
831     Height        = 375
832     Index         = 2
833     Left          = 0
834     TabIndex      = 68
835     Top           = 1800
836     Width        = 735
837 End
838 Begin VB.CommandButton cmdH1
839     Caption       = "2"
840     Height        = 375
841     Index         = 1
842     Left          = 0
843     TabIndex      = 67
844     Top           = 1440
845     Width        = 735
846 End
847 Begin VB.CommandButton cmdH1
848     Caption       = "1"
849     Height        = 375
850     Index         = 0
851     Left          = 0
852     TabIndex      = 66
853     Top           = 1080
854     Width        = 735
855 End
856 Begin VB.Label Label2
857     Height        = 255
858     Left          = 3360
859     TabIndex      = 87
860     Top           = 3360
861     Width        = 3495
862 End
863 Begin VB.Label Label1
864     Caption       = "Please Select a Start Channel"
865     Height        = 255
866     Left          = 3360
867     TabIndex      = 84
868     Top           = 120
```

```
869         Width           = 2775
870     End
871 End
872 Attribute VB_Name = "Form1"
873 Attribute VB_GlobalNameSpace = False
874 Attribute VB_Creatable = False
875 Attribute VB_PredeclaredId = True
876 Attribute VB_Exposed = False
877 Dim StartEnd As Boolean
878 Dim StartH As Boolean
879 Dim Start1 As Boolean
880 Dim StartIndex As Integer
881 Dim ok As Boolean
882
883 Private Sub Check1_Click(Index As Integer)
884     ok = False
885     MSComm1.Output = "$0" & Check1(0) & Check1(1) & Check1(2) &
Check1(3) & Check1(4) & Check1(5) & "01"
886     oldtimer = Timer
887     Do Until Timer > oldtimer + 0.05
888         DoEvents
889     Loop
890 End Sub
891
892 Private Sub Check2_Click(Index As Integer)
893     ok = False
894     MSComm1.Output = "$0" & Check2(0) & Check2(1) & Check2(2) &
Check2(3) & Check2(4) & Check2(5) & Check2(6) & Check2(7) & "2"
895     oldtimer = Timer
896     Do Until Timer > oldtimer + 0.05
897         DoEvents
898     Loop
899 End Sub
900
901 Private Sub Check3_Click(Index As Integer)
902     ok = False
903     MSComm1.Output = "$0" & Check3(0) & Check3(1) & Check3(2) &
Check3(3) & Check3(4) & Check3(5) & Check3(6) & Check3(7) & "3"
904     oldtimer = Timer
905     Do Until Timer > oldtimer + 0.05
906         DoEvents
907     Loop
908 End Sub
909
910 Private Sub Check4_Click(Index As Integer)
911     ok = False
912     MSComm1.Output = "$0" & Check4(0) & Check4(1) & Check4(2) &
Check4(3) & Check4(4) & Check4(5) & Check4(6) & Check4(7) & "4"
913     oldtimer = Timer
914     Do Until Timer > oldtimer + 0.05
915         DoEvents
916     Loop
917 End Sub
918
919 Private Sub Check5_Click(Index As Integer)
920     ok = False
921     MSComm1.Output = "$0" & Check5(0) & Check5(1) & Check5(2) &
Check5(3) & Check5(4) & Check5(5) & Check5(6) & Check5(7) & "5"
922     oldtimer = Timer
923     Do Until Timer > oldtimer + 0.05
924         DoEvents
925     Loop
```

```
926 End Sub
927
928 Private Sub Check6_Click(Index As Integer)
929     ok = False
930     MSComm1.Output = "$0" & Check6(0) & Check6(1) & Check6(2) &
Check6(3) & Check6(4) & Check6(5) & Check6(6) & Check6(7) & "6"
931     oldtimer = Timer
932     Do Until Timer > oldtimer + 0.05
933         DoEvents
934     Loop
935 End Sub
936
937 Private Sub Check7_Click(Index As Integer)
938     ok = False
939     MSComm1.Output = "$0" & Check7(0) & Check7(1) & Check7(2) &
Check7(3) & Check7(4) & Check7(5) & Check7(6) & Check7(7) & "7"
940     oldtimer = Timer
941     Do Until Timer > oldtimer + 0.05
942         DoEvents
943     Loop
944 End Sub
945
946 Private Sub Check8_Click(Indhex As Integer)
947     ok = False
948     MSComm1.Output = "$00" & Check8(0) & Check8(1) & Check8(2) &
Check8(3) & Check8(4) & Check8(5) & "08"
949     oldtimer = Timer
950     Do Until Timer > oldtimer + 0.05
951         DoEvents
952     Loop
953 End Sub
954
955 Private Sub cmdH1_Click(Index As Integer)
956     Dim CreateJunction As Boolean
957     CreateJunction = False
958     If StartEnd Then
959         StartH = True
960         Start1 = False
961         StartIndex = Index
962         StartEnd = False
963         Label1 = "Please Select an End Channel"
964     Else
965         If Not StartH Then CreateJunction = True
966         StartEnd = True
967         Label1 = "Please Select a Start Channel"
968     End If
969     Check1(Index).Value = 1
970     If CreateJunction Then
971         Select Case StartIndex
972             Case 0
973                 Check2(Index + 1) = 1
974             Case 1
975                 Check3(Index + 1) = 1
976             Case 2
977                 Check4(Index + 1) = 1
978             Case 3
979                 Check5(Index + 1) = 1
980             Case 4
981                 Check6(Index + 1) = 1
982             Case 5
983                 Check7(Index + 1) = 1
984         End Select
```

```
985     End If
986 End Sub
987
988 Private Sub cmdH2_Click(Index As Integer)
989     Dim CreateJunction As Boolean
990     CreateJunction = False
991     If StartEnd Then
992         StartH = True
993         Start1 = False
994         StartIndex = Index
995         StartEnd = False
996         Label1 = "Please Select an End Channel"
997     Else
998         If Not StartH Then CreateJunction = True
999         StartEnd = True
1000        Label1 = "Please Select a Start Channel"
1001    End If
1002    Check8(Index).Value = 1
1003    If CreateJunction Then
1004        Select Case StartIndex
1005            Case 0
1006                Check2(Index + 1) = 1
1007            Case 1
1008                Check3(Index + 1) = 1
1009            Case 2
1010                Check4(Index + 1) = 1
1011            Case 3
1012                Check5(Index + 1) = 1
1013            Case 4
1014                Check6(Index + 1) = 1
1015            Case 5
1016                Check7(Index + 1) = 1
1017        End Select
1018    End If
1019 End Sub
1020
1021 Private Sub cmdV1_Click(Index As Integer)
1022     Dim CreateJunction As Boolean
1023     CreateJunction = False
1024     If StartEnd Then
1025         StartH = False
1026         Start1 = True
1027         StartIndex = Index
1028         StartEnd = False
1029         Label1 = "Please Select an End Channel"
1030     Else
1031         If StartH Then CreateJunction = True
1032         StartEnd = True
1033         Label1 = "Please Select a Start Channel"
1034     End If
1035     Select Case Index
1036     Case 0
1037         Check2(0).Value = 1
1038         If CreateJunction Then Check2(StartIndex + 1).Value = 1
1039     Case 1
1040         Check3(0).Value = 1
1041         If CreateJunction Then Check3(StartIndex + 1).Value = 1
1042     Case 2
1043         Check4(0).Value = 1
1044         If CreateJunction Then Check4(StartIndex + 1).Value = 1
1045     Case 3
1046         Check5(0).Value = 1
```

```
1047         If CreateJunction Then Check5(StartIndex + 1).Value = 1
1048     Case 4
1049         Check6(0).Value = 1
1050         If CreateJunction Then Check6(StartIndex + 1).Value = 1
1051     Case 5
1052         Check7(0).Value = 1
1053         If CreateJunction Then Check7(StartIndex + 1).Value = 1
1054     End Select
1055 End Sub
1056
1057 Private Sub cmdV2_Click(Index As Integer)
1058     Dim CreateJunction As Boolean
1059     CreateJunction = False
1060     If StartEnd Then
1061         StartH = False
1062         Start1 = False
1063         StartIndex = Index
1064         StartEnd = False
1065         Labell = "Please Select an End Channel"
1066     Else
1067         If StartH Then CreateJunction = True
1068         StartEnd = True
1069         Labell = "Please Select a Start Channel"
1070     End If
1071     Select Case Index
1072     Case 0
1073         Check2(7).Value = 1
1074         If CreateJunction Then Check2(StartIndex + 1).Value = 1
1075     Case 1
1076         Check3(7).Value = 1
1077         If CreateJunction Then Check3(StartIndex + 1).Value = 1
1078     Case 2
1079         Check4(7).Value = 1
1080         If CreateJunction Then Check4(StartIndex + 1).Value = 1
1081     Case 3
1082         Check5(7).Value = 1
1083         If CreateJunction Then Check5(StartIndex + 1).Value = 1
1084     Case 4
1085         Check6(7).Value = 1
1086         If CreateJunction Then Check6(StartIndex + 1).Value = 1
1087     Case 5
1088         Check7(7).Value = 1
1089         If CreateJunction Then Check7(StartIndex + 1).Value = 1
1090     End Select
1091 End Sub
1092
1093 Private Sub Command1_Click()
1094     For n = 0 To 5
1095         Check1(n) = 1
1096         Check8(n) = 1
1097     Next n
1098     For n = 0 To 7
1099         Check2(n) = 1
1100         Check3(n) = 1
1101         Check4(n) = 1
1102         Check5(n) = 1
1103         Check6(n) = 1
1104         Check7(n) = 1
1105     Next n
1106 End Sub
1107
1108 Private Sub Command2_Click()
```

```
1109     For n = 0 To 5
1110         Check1(n) = 0
1111         Check8(n) = 0
1112     Next n
1113     For n = 0 To 7
1114         Check2(n) = 0
1115         Check3(n) = 0
1116         Check4(n) = 0
1117         Check5(n) = 0
1118         Check6(n) = 0
1119         Check7(n) = 0
1120     Next n
1121 End Sub
1122
1123 Private Sub Form_Load()
1124     StartEnd = True
1125     MSComm1.PortOpen = True
1126 End Sub
1127
1128 Private Sub Form_Unload(Cancel As Integer)
1129     MSComm1.PortOpen = False
1130 End Sub
1131
1132 Private Sub MSComm1_OnComm()
1133     a = MSComm1.Input
1134     If a = "OK" & vbLf Then
1135         ok = True
1136     End If
1137     Label2 = a
1138 End Sub
```