

6 BIT PARITY CHECKER									
6 Input Bits and one Parity Bit									
A	B	C	D	E	F	P	Even Parity	Odd Parity	SRN
0	0	0	0	0	0	0	0	1	D- 0
0	0	0	0	0	0	1	1	0	D- 1
0	0	0	0	0	1	0	1	0	D- 2
0	0	0	0	0	1	1	0	1	D- 3
0	0	0	0	1	0	0	1	0	D- 4
0	0	0	0	1	0	1	0	1	D- 5
0	0	0	0	1	1	0	0	1	D- 6
0	0	0	0	1	1	1	1	0	D- 7
0	0	0	1	0	0	0	1	0	D- 8
0	0	0	1	0	0	1	0	1	D- 9
0	0	0	1	0	1	0	0	1	D- 10
0	0	0	1	0	1	1	1	0	D- 11
0	0	0	1	1	0	0	0	1	D- 12
0	0	0	1	1	0	1	1	0	D- 13
0	0	0	1	1	1	0	1	0	D- 14
0	0	0	1	1	1	1	0	1	D- 15
0	0	1	0	0	0	0	1	0	D- 16
0	0	1	0	0	0	1	0	1	D- 17
0	0	1	0	0	1	0	0	1	D- 18
0	0	1	0	0	1	1	1	0	D- 19
0	0	1	0	1	0	0	0	1	D- 20
0	0	1	0	1	0	1	1	0	D- 21
0	0	1	0	1	1	0	1	0	D- 22
0	0	1	0	1	1	1	0	1	D- 23
0	0	1	1	0	0	0	0	1	D- 24
0	0	1	1	0	0	0	1	0	D- 25
0	0	1	1	0	1	0	1	0	D- 26
0	0	1	1	0	1	1	0	1	D- 27
0	0	1	1	1	0	0	1	0	D- 28
0	0	1	1	1	0	1	0	1	D- 29
0	0	1	1	1	1	0	0	1	D- 30
0	0	1	1	1	1	1	1	0	D- 31
0	1	0	0	0	0	0	0	1	D- 32
0	1	0	0	0	0	1	0	1	D- 33
0	1	0	0	0	0	1	0	1	D- 34
0	1	0	0	0	1	0	0	1	D- 35
0	1	0	0	0	1	0	1	0	D- 36
0	1	0	0	1	0	1	1	0	D- 37
0	1	0	0	1	1	0	1	0	D- 38
0	1	0	0	1	1	1	0	1	D- 39
0	1	0	1	0	0	0	0	1	D- 40
0	1	0	1	0	0	0	1	0	D- 41
0	1	0	1	0	1	0	1	0	D- 42
0	1	0	1	0	1	1	0	1	D- 43
0	1	0	1	1	0	0	1	0	D- 44
0	1	0	1	1	0	1	0	1	D- 45
0	1	0	1	1	1	0	0	1	D- 46
0	1	0	1	1	1	1	1	0	D- 47
0	1	1	0	0	0	0	0	1	D- 48
0	1	1	0	0	0	0	1	0	D- 49
0	1	1	0	0	1	0	1	0	D- 50
0	1	1	0	0	1	1	0	1	D- 51
0	1	1	0	1	0	0	1	0	D- 52
0	1	1	0	1	0	1	0	1	D- 53
0	1	1	0	1	1	0	0	1	D- 54
0	1	1	0	1	1	1	1	0	D- 55
0	1	1	1	0	0	0	1	0	D- 56
0	1	1	1	0	0	1	0	1	D- 57
0	1	1	1	0	1	0	0	1	D- 58
0	1	1	1	0	1	1	1	0	D- 59
0	1	1	1	1	0	0	0	1	D- 60
0	1	1	1	1	0	1	1	0	D- 61

0	1	1	1	1	1	0	1	0	D- 62
0	1	1	1	1	1	0	1	1	D- 63
1	0	0	0	0	0	0	1	0	D- 64
1	0	0	0	0	0	1	0	1	D- 65
1	0	0	0	0	1	0	0	1	D- 66
1	0	0	0	0	1	1	1	0	D- 67
1	0	0	0	1	0	0	0	1	D- 68
1	0	0	0	1	0	1	1	0	D- 69
1	0	0	0	1	1	0	1	0	D- 70
1	0	0	0	1	1	1	0	1	D- 71
1	0	0	1	0	0	0	0	1	D- 72
1	0	0	1	0	0	1	1	0	D- 73
1	0	0	1	0	1	0	1	0	D- 74
1	0	0	1	0	1	1	0	1	D- 75
1	0	0	1	1	0	0	1	0	D- 76
1	0	0	1	1	0	1	0	1	D- 77
1	0	0	1	1	1	0	0	1	D- 78
1	0	0	1	1	1	1	1	0	D- 79
1	0	1	0	0	0	0	0	1	D- 80
1	0	1	0	0	0	1	1	0	D- 81
1	0	1	0	0	1	0	1	0	D- 82
1	0	1	0	0	1	1	0	1	D- 83
1	0	1	0	1	0	0	1	0	D- 84
1	0	1	0	1	0	1	0	1	D- 85
1	0	1	0	1	1	0	0	1	D- 86
1	0	1	0	1	1	1	1	0	D- 87
1	0	1	1	0	0	0	0	1	D- 88
1	0	1	1	0	0	0	1	0	D- 89
1	0	1	1	0	1	0	0	1	D- 90
1	0	1	1	0	1	1	1	0	D- 91
1	0	1	1	1	0	0	0	1	D- 92
1	0	1	1	1	0	1	1	0	D- 93
1	0	1	1	1	1	0	1	0	D- 94
1	0	1	1	1	1	1	0	1	D- 95
1	1	0	0	0	0	0	0	1	D- 96
1	1	0	0	0	0	1	1	0	D- 97
1	1	0	0	0	1	0	1	0	D- 98
1	1	0	0	0	1	1	0	1	D- 99
1	1	0	0	1	0	0	1	0	D- 100
1	1	0	0	1	0	1	0	1	D- 101
1	1	0	0	1	1	1	0	1	D- 102
1	1	0	0	1	1	1	1	0	D- 103
1	1	0	1	0	0	0	1	0	D- 104
1	1	0	1	0	0	0	1	0	D- 105
1	1	0	1	0	1	0	0	1	D- 106
1	1	0	1	0	1	1	1	0	D- 107
1	1	0	1	1	0	0	0	1	D- 108
1	1	0	1	1	0	1	1	0	D- 109
1	1	0	1	1	1	0	1	0	D- 110
1	1	0	1	1	1	1	0	1	D- 111
1	1	1	0	0	0	0	1	0	D- 112
1	1	1	0	0	0	0	1	0	D- 113
1	1	1	0	0	1	0	0	1	D- 114
1	1	1	0	0	1	1	1	0	D- 115
1	1	1	0	1	0	0	0	1	D- 116
1	1	1	0	1	0	1	1	0	D- 117
1	1	1	0	1	1	0	1	0	D- 118
1	1	1	0	1	1	1	0	1	D- 119
1	1	1	1	0	0	0	0	1	D- 120
1	1	1	1	0	0	1	1	0	D- 121
1	1	1	1	0	1	0	1	0	D- 122
1	1	1	1	0	1	1	0	1	D- 123
1	1	1	1	1	0	0	1	0	D- 124
1	1	1	1	1	1	0	1	1	D- 125
1	1	1	1	1	1	0	0	1	D- 126

