



- 1 GROUND PLANE
- 5 MUX ADDRESS 1
- 9 MUX ADDRESS 5
- 13 MUX ADDRESS 9
- 17 MUX ADDRESS 13
- 21 ANALOG INPUT 1
- 25 ANALOG INPUT 5
- 29 ANALOG INPUT 9
- 33 ANALOG INPUT 13
- 37 ANALOG INPUT 17
- 41 ANALOG INPUT 21
- 45 NOT USED
- 49 NOT USED
- 53 RANGE SELECTOR 1
- 57 RANGE SELECTOR 5
- 61 NOT USED
- 65 NOT USED
- 69 SHELL COMMON
- 73 +12 VDC
- 77 -12 VDC

- 2 GROUND PLANE
- 6 MUX ADDRESS 2
- 10 MUX ADDRESS 6
- 14 MUX ADDRESS 10
- 18 MUX ADDRESS 14
- 22 ANALOG INPUT 2
- 26 ANALOG INPUT 6
- 30 ANALOG INPUT 10
- 34 ANALOG INPUT 14
- 38 ANALOG INPUT 18
- 42 ANALOG INPUT 22
- 46 NOT USED
- 50 NOT USED
- 54 RANGE SELECTOR 2
- 58 RANGE SELECTOR 6
- 62 NOT USED
- 66 NOT USED
- 70 SHELL COMMON
- 74 +12 VDC
- 78 -12 VDC

- 3 GROUND PLANE
- 7 MUX ADDRESS 3
- 11 MUX ADDRESS 7
- 15 MUX ADDRESS 11
- 19 MUX ADDRESS 15
- 23 ANALOG INPUT 3
- 27 ANALOG INPUT 7
- 31 ANALOG INPUT 11
- 35 ANALOG INPUT 15
- 39 ANALOG INPUT 19
- 43 ANALOG INPUT 23
- 47 NOT USED
- 51 NOT USED
- 55 RANGE SELECTOR 3
- 59 RANGE SELECTOR 7
- 63 NOT USED
- 67 NOT USED
- 71 SHELL COMMON
- 75 +5 VDC
- 79 +5 VDC

- 4 GROUND PLANE
- 8 MUX ADDRESS 4
- 12 MUX ADDRESS 8
- 16 MUX ADDRESS 12
- 20 MUX ADDRESS 16
- 24 ANALOG INPUT 4
- 28 ANALOG INPUT 8
- 32 ANALOG INPUT 12
- 36 ANALOG INPUT 16
- 40 ANALOG INPUT 20
- 44 ANALOG INPUT 24
- 48 NOT USED
- 52 NOT USED
- 56 RANGE SELECTOR 4
- 60 RANGE SELECTOR 8
- 64 NOT USED
- 68 NOT USED
- 72 SHELL COMMON
- 76 +5 VDC
- 80 +5 VDC

- 81 TUNE SEQUENCE POSITION B
- 85 TUNE SEQUENCE POSITION A
- 89 SERVO MODE DRIVER
- 93 NOT USED
- 97 CONTROL A
- 101 LOW POWER
- 105 MEDIUM POWER
- 109 ERROR MONITOR REQUEST
- 113 RF INPUT
- 117 NOT USED
- 121 PA SCREEN CURRENT FAULT
- 125 CIRCUIT BREAKER INTERLOCK
- 129 NOT USED
- 133 NOT USED
- 137 TUNE FAULT
- 141 DATA (8 BIT DELAYED)
- 145 ADDRESS BIT 1
- 149 CARRIER BUS
- 153 CARRIER BUS RETURN
- 157 GROUND PLANE

- 82 TUNE SEQUENCE POSITION C
- 86 SERVO ERROR BIT 1
- 90 SERVO MODE PRIMARY
- 94 NOT USED
- 98 CONTROL B
- 102 FILAMENT ENABLE
- 106 HIGH VOLTAGE ENABLE
- 110 AUTO MANUAL
- 114 FILAMENT TIMER (NOT)
- 118 SPARE
- 122 PA PLATE CURRENT FAULT
- 126 TUNE FAULT
- 130 SERVO DISABLE PRIMARY
- 134 NOT USED
- 138 SPARE
- 142 CLOCK
- 146 ADDRESS BIT 2
- 150 CONTROL BUS
- 154 CONTROL BUS RETURN
- 158 GROUND PLANE

- 83 ANTENNA INTERLOCK MONITOR
- 87 SERVO ERROR BIT 2
- 91 SERVO MODE SECONDARY
- 95 NOT USED
- 99 CONTROL C
- 103 KEY ENABLE
- 107 ATR POWER INTERLOCK
- 111 SERVO ACTIVATE
- 115 SPARE
- 119 SPARE
- 123 KEY MONITOR
- 127 REFLECTED POWER FAULT
- 131 SERVO DISABLE SECONDARY
- 135 NOT USED
- 139 SPARE
- 143 TUNE START
- 147 ADDRESS BIT 3
- 151 MONITOR BUS
- 155 MONITOR BUS RETURN
- 159 GROUND PLANE

- 84 REGULATOR MONITOR
- 88 BLOWER TRANSFER MONITOR
- 92 SERVO MODE LOADING
- 96 NOT USED
- 100 AUXILIARY FUNCTION
- 104 EXCITER TUNE OPERATE
- 108 PA TUNE
- 112 PA TUNE COMPLETE
- 116 PA OPERATE REQUEST
- 120 +28 VDC RELAY POWER
- 124 ACCESS PLUG INTERLOCK FAULT
- 128 SERVO DISABLE DRIVER
- 132 SERVO DISABLE LOADING
- 136 NOT USED
- 140 POWER INTERRUPT
- 144 SERVO ENABLE
- 148 ADDRESS BIT 4
- 152 ADDRESS BIT 5
- 156 +3 VDC (OUT)
- 160 GROUND PLANE

Figure 7-1. C-8376 TSC-60(V), Rear Connector Identification and Pin Functions