

MODEL CAN IO BOARD ROHS MTBF				
P/N 02-01202-000				
MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD				
ITEM	QUANTITY	FAILURE RATE	QUALITY	TOTAL FAILURE RATE
		PER 10⁶ HOURS	FACTOR	PER 10⁶ HOURS
CAPACITOR, ALUMINUM OXIDE ELECT	2	0.02400	3.0	0.1440
CAPACITOR, CERAMIC	25	0.00360	3.0	0.2700
DIODE, LIGHT EMITTING	2	0.00047	8.0	0.0075
IC, BIPOLAR LINEAR	2	0.00950	2.0	0.0380
IC, DIGITAL CMOS	1	0.00570	3.1	0.0177
IC, REGULATOR	1	0.00950	8.0	0.0760
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	1	0.00004	2.0	0.0001
PROM, EE	1	0.01000	2.0	0.0200
RESISTOR NETWORK, FILM	2	0.00230	3.0	0.0138
RESISTOR, METAL FILM	3	0.00120	3.0	0.0108
SOLDERED CONNECTIONS	80	0.00007	1.0	0.0056
			TOTAL	0.6707
			MTBF (HOURS)	1491042
			MTBF (YRS)	170.21