COMPONENT, DUPLICATECOMPONENTS, COST, and RMA ATTRIBUTES REPORT

February 26, 1998

9:55:55 am

Prepared By:

System User

TABLE 1 Component: 1 Benchmark 1 SAR - Candidate A

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**11 October 1994**	Creation Date	**1 July 1995**	Creation Date	**1 July 1995**
Modification Date	**8 November 1996**	Modification Date	**5 March 1996**	Modification Date	**31 July 1997**
Modification Time	**5:40:51 pm**	Modification Time	**9:31:48 pm**	Modification Time	**4:18:54 pm**
Number	**1**	Number	**1**	Number	**1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**System**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**High Level Assembly**	Purchased Item		Availability predicted	**0.993809**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.992359**
Design Source		Development (predicted)	**1956930**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**2607.34**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**2400.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**189749.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**189749.0**	MTBF, predicted (hrs)	**1714.29**
Redundancy Mode		Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**1.458**	Production (budgeted)		LRU, Line Replaceable Unit	**No**
Length, predicted (ft)		Production (predicted)	**100973367**	Maintenance Procedure	
Width, budgeted (ft)	**0.854**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.875**	Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**16.2425**
Weight, budgeted (lbs)	**60.0**	Support (predicted)	**39555147**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity			
Weight Sensitivity		Title		MTTR LRU ORG (Tf)	
Power(avg), budgeted (watts)	**500.0**			MTTR Module ORG (Tmo)	
Power(avg), predicted (watts)				MTTR LRU IL (Ti)	
Power(max), budgeted (watts)				MTTR Module IL (Tmi)	
Power(max), predicted (watts)				MTTR LRU Depot (Td)	
Power Sensitivity				MTTR Module Depot (Tmd)	
Technology Maturity	**Leading Edge**			Project Unique ID	
Technology Type 1				Title	
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Benchmark 1 SAR**				

TABLE 2 Component: 1.1 Data I/O Assembly

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**12 October 1994**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**1 August 1997**	Modification Date	**9 November 1996**	Modification Date	**21 November 1996**
Modification Time	**8:49:48 am**	Modification Time	**12:34:52 am**	Modification Time	**12:37:03 pm**
Number	**1.1**	Number	**1.1**	Number	**1.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**Yes**
Component Sub Type	**Multiple Board Assembly**	Purchased Item		Availability predicted	**1.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.999996**
Design Source		Development (predicted)	**615430**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**5.01e6**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**10000.0**
Quantity in Next Higher Assembly	**2**	Amortized Unit Production (predicted)	**11031.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**2**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)	**1**	Unit Production (predicted)	**11031.0**	MTBF, predicted (hrs)	**10000.0**
		Total Production Quantity	**1000.0**	Method used for MTBF predicted	
Redundancy Mode	**Operational, Off Line replacement**	Production (budgeted)		LRU, Line Replaceable Unit	**No**
Length, budgeted (ft)	**0.525**	Production (predicted)	**12060156**	Maintenance Procedure	
Length, predicted (ft)		Production Cost Sensitivity	**4**	Maintenance Concept	
Width, budgeted (ft)	**0.125**	Operational (budgeted)		Requested for Costing	
Width, predicted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, budgeted (ft)	**0.767**	Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Depth, predicted (ft)		Support (budgeted)		MTTR, line, predicted (hrs)	**0.05009**
Volume Sensitivity		Support (predicted)	**5270296**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, budgeted (lbs)	**4.0**	Support Cost Sensitivity	**3**		
Weight, predicted (lbs)		Title			
Weight Sensitivity					
Power(avg), budgeted (watts)	**30.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Leading Edge**			MTTR LRU ORG (Tf)	
Technology Type 1				MTTR Module ORG (Tmo)	
Equipment Type 1				MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1				MTTR Module IL (Tmi)	
Technology Type 2				MTTR LRU Depot (Td)	
Equipment Type 2				MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2				Project Unique ID	
Technology Type 3				Title	
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Data I/O Module**				

TABLE 3 Component: 1.1.1 Data I/O Module

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**25 July 1997**	Modification Date	**5 March 1996**	Modification Date	**31 July 1997**
Modification Time	**9:37:42 am**	Modification Time	**9:32:09 pm**	Modification Time	**3:25:36 pm**
Number	**1.1.1**	Number	**1.1.1**	Number	**1.1.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item		Availability predicted	**0.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**New**	Development (predicted)	**390755**	MTBCF, budgeted (hrs)	
Percent New Design	**75**	Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**30000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**5245.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**4573.0**	MTBF, predicted (hrs)	**30000.0**
Redundancy Mode		Total Production Quantity	**1000.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.525**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**5721167**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.767**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**1.5**	Support (predicted)	**2240123**	MTTR, line, budgeted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**15.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**State of the Art**			MTTR LRU ORG (Tf)	
Technology Type 1	**VLSI**			MTTR Module ORG (Tmo)	
Equipment Type 1	**Digital**			MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1	**70**			MTTR Module IL (Tmi)	
Technology Type 2	**LSI**			MTTR LRU Depot (Td)	
Equipment Type 2	**Digital**			MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2	**25**			Project Unique ID	
Technology Type 3	**SSIC**			Title	
Equipment Type 3	**Digital**				
Percent of Technology and Equipment 3	**5**				
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Data I/O Module**				

TABLE 4 Component: 1.1.2 Fiber Optic Interface

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**17 October 1996**	Modification Date	**5 March 1996**	Modification Date	**18 October 1996**
Modification Time	**9:52:18 pm**	Modification Time	**9:32:11 pm**	Modification Time	**12:17:32 pm**
Number	**1.1.2**	Number	**1.1.2**	Number	**1.1.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item	**3675.0**	Availability predicted	
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**COTS**	Development (predicted)	**7350**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**30000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**3675.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**3675.0**	MTBF, predicted (hrs)	**30000.0**
Redundancy Mode		Total Production Quantity	**1000.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.417**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**4078156**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.3125**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**0.6**	Support (predicted)	**1845188**	MTTR, line, budgeted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**10.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Mature**			MTTR LRU ORG (Tf)	
Technology Type 1	**VLSI**			MTTR Module ORG (Tmo)	
Equipment Type 1	**Digital**			MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1	**50**			MTTR Module IL (Tmi)	
Technology Type 2	**LSI**			MTTR LRU Depot (Td)	
Equipment Type 2	**Analog RF/Video**			MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2	**50**			Project Unique ID	
Technology Type 3				Title	
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 5 Component: 1.1.3 FIR Daughter Card

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**12 July 1995**	Creation Date	**12 July 1995**	Creation Date	**12 July 1995**
Modification Date	**7 November 1996**	Modification Date	**5 March 1996**	Modification Date	**18 October 1996**
Modification Time	**6:10:46 pm**	Modification Time	**9:32:14 pm**	Modification Time	**12:17:55 pm**
Number	**1.1.3**	Number	**1.1.3**	Number	**1.1.3**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item		Availability predicted	
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**New**	Development (predicted)	**152763**	MTBCF, budgeted (hrs)	
Percent New Design	**75**	Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**30000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**1590.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**1367.0**	MTBF, predicted (hrs)	**30000.0**
Redundancy Mode		Total Production Quantity	**1000.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.417**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**1739360**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.3125**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**0.5**	Support (predicted)	**1143430**	MTTR, line, budgeted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**5.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Leading Edge**			MTTR LRU ORG (Tf)	
Technology Type 1	**VLSI**			MTTR Module ORG (Tmo)	
Equipment Type 1	**Digital**			MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1	**75**			MTTR Module IL (Tmi)	
Technology Type 2	**LSI**			MTTR LRU Depot (Td)	
Equipment Type 2	**Digital**			MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2	**20**			Project Unique ID	
Technology Type 3	**SSIC**			Title	
Equipment Type 3	**Digital**				
Percent of Technology and Equipment 3	**5**				
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 6 Component: 1.2 Processing Element Assembly

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**11 October 1994**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**8 November 1996**	Modification Date	**5 March 1996**	Modification Date	**31 July 1997**
Modification Time	**11:43:22 pm**	Modification Time	**9:32:52 pm**	Modification Time	**4:19:03 pm**
Number	**1.2**	Number	**1.2**	Number	**1.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**Yes**
Component Sub Type	**Multiple Board Assembly**	Purchased Item		Availability predicted	**0.994018**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.994018**
Design Source		Development (predicted)	**678498**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**3333.33**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**16700.0**
Quantity in Next Higher Assembly	**5**	Amortized Unit Production (predicted)	**30403.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**5**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)	**5**	Unit Production (predicted)	**30403.0**	MTBF, predicted (hrs)	**16666.7**
		Total Production Quantity	**2500.0**	Method used for MTBF predicted	
Redundancy Mode	**Operational, Off Line replacement**	Production (budgeted)		LRU, Line Replaceable Unit	**No**
Length, budgeted (ft)	**0.525**	Production (predicted)	**80416125**	Maintenance Procedure	
Length, predicted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, budgeted (ft)	**0.0625**	Operational (budgeted)		Requested for Costing	
Width, predicted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, budgeted (ft)	**0.767**	Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Depth, predicted (ft)		Support (budgeted)		MTTR, line, predicted (hrs)	**20.0601**
Volume Sensitivity		Support (predicted)	**31408847**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, budgeted (lbs)	**1.875**	Support Cost Sensitivity			
Weight, predicted (lbs)		Title			
Weight Sensitivity					
Power(avg), budgeted (watts)	**28.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Mature**				
Technology Type 1					
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Processing Element Assembly**				

TABLE 7 Component: 1.2.1 PE Motherboard

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**17 October 1996**	Modification Date	**5 March 1996**	Modification Date	**18 October 1996**
Modification Time	**9:56:17 pm**	Modification Time	**9:32:49 pm**	Modification Time	**12:19:16 pm**
Number	**1.2.1**	Number	**1.2.1**	Number	**1.2.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item	**8200.0**	Availability predicted	
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**COTS**	Development (predicted)	**41000**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**50000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**8200.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**8200.0**	MTBF, predicted (hrs)	**50000.0**
Redundancy Mode		Total Production Quantity	**2500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.525**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**21681544**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.767**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**1.0**	Support (predicted)	**6256329**	MTTR, line, budgeted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**8.0**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Mature**			MTTR LRU ORG (Tf)	
Technology Type 1	**VLSI**			MTTR Module ORG (Tmo)	
Equipment Type 1	**Digital**			MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1	**100**			MTTR Module IL (Tmi)	
Technology Type 2				MTTR LRU Depot (Td)	
Equipment Type 2				MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2				Project Unique ID	
Technology Type 3				Title	
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 8 Component: 1.2.2 PE Daughterboard

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**1 October 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**9:45:24 am**	Modification Time	**9:32:45 pm**	Modification Time	**9:37:02 pm**
Number	**1.2.2**	Number	**1.2.2**	Number	**1.2.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item	**11000.0**	Availability predicted	
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**COTS**	Development (predicted)	**110000**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**50000.0**
Quantity in Next Higher Assembly	**2**	Amortized Unit Production (predicted)	**11000.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**11000.0**	MTBF, predicted (hrs)	**50000.0**
Redundancy Mode		Total Production Quantity	**5000.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.454**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**58223372**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept Requested for Costing	
Width, predicted (ft)		Operational (budgeted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, budgeted (ft)	**0.358**	Operational (predicted)		MTTR, line, budgeted (hrs)	**1.0**
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, predicted (hrs)	
Volume Sensitivity		Support (budgeted)		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, budgeted (lbs)	**0.4**	Support (predicted)	**23245231**		
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)	**10.0**			MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Mature**			Title	
Technology Type 1	**VLSI**				
Equipment Type 1	**Digital**				
Percent of Technology and Equipment 1	**100**				
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 9 Component: 1.2.3 Signal Processing Firmware

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**18 October 1994**	Creation Date	**1 July 1995**	Creation Date	**12 July 1995**
Modification Date	**16 October 1996**	Modification Date	**18 October 1996**	Modification Date	**18 October 1996**
Modification Time	**6:01:58 pm**	Modification Time	**11:34:57 am**	Modification Time	**12:19:51 pm**
Number	**1.2.3**	Number	**1.2.3**	Number	**1.2.3**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**FWCI**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	
Component Sub Type	**n/a**	Purchased Item		Availability predicted	
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	
Design Source	**New**	Development (predicted)	**455555**	MTBCF, budgeted (hrs)	
Percent New Design	**50**	Development Sensitivity		MTBCF, predicted (hrs)	
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)		Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)		MTBF, predicted (hrs)	**1.0e9**
Redundancy Mode		Total Production Quantity		Method used for MTBF predicted	
Length, budgeted (ft)		Production (budgeted)		LRU, Line Replaceable Unit	
Length, predicted (ft)		Production (predicted)	**0**	Maintenance Procedure	
Width, budgeted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	
Weight, budgeted (lbs)		Support (predicted)	**1828152**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)				MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Leading Edge**			Title	
Technology Type 1					
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code	**2400**				
Percent of Memory Utilization	**50**				
Percent of Processor Utilization	**50**				
Language	**C**				
Percent New Code	**100**				
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)	**100**				
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Signal Processing Firmware**				

TABLE 10 Component: 1.3 Host Interface Assembly

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**4 March 1996**	Creation Date	**4 March 1996**	Creation Date	**4 March 1996**
Modification Date	**17 October 1996**	Modification Date	**5 March 1996**	Modification Date	**18 October 1996**
Modification Time	**9:53:31 pm**	Modification Time	**9:33:32 pm**	Modification Time	**12:18:10 pm**
Number	**1.3**	Number	**1.3**	Number	**1.3**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**Subsystem**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Board**	Purchased Item		Availability predicted	**0.999987**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.999733**
Design Source		Development (predicted)	**534193**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**75000.0**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**75000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**5520.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**5520.0**	MTBF, predicted (hrs)	**75000.0**
Redundancy Mode		Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.525**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**3041657**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.767**	Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	**1.0**
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**1.0**
Weight, budgeted (lbs)	**1.8**	Support (predicted)	**1130083**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity			
Weight Sensitivity		Title		MTTR LRU ORG (Tf)	
Power(avg), budgeted (watts)	**20.0**			MTTR Module ORG (Tmo)	
Power(avg), predicted (watts)				MTTR LRU IL (Ti)	
Power(max), budgeted (watts)				MTTR Module IL (Tmi)	
Power(max), predicted (watts)				MTTR LRU Depot (Td)	
Power Sensitivity				MTTR Module Depot (Tmd)	
Technology Maturity	**Mature**			Project Unique ID	
Technology Type 1				Title	
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Host Interface Assembly**				

TABLE 11 Component: 1.3.1 Host Interface Module

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**11 October 1994**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**2 November 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**11:07:24 pm**	Modification Time	**9:33:36 pm**	Modification Time	**9:36:55 pm**
Number	**1.3.1**	Number	**1.3.1**	Number	**1.3.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**Yes**
Component Sub Type	**Board**	Purchased Item	**4995.0**	Availability predicted	**0.999987**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.999733**
Design Source	**COTS**	Development (predicted)	**4995**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**75000.0**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**75000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**4995.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**4995.0**	MTBF, predicted (hrs)	**75000.0**
Redundancy Mode	**Operational, Off Line replacement**	Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.525**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**2778707**	Maintenance Procedure	
Width, budgeted (ft)	**0.0625**	Production Cost Sensitivity		Maintenance Concept	**Discard LRU at failure**
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.767**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)		MTTR, line, budgeted (hrs)	**1.0**
Weight, budgeted (lbs)	**1.8**	Support (predicted)	**155233**	MTTR, line, predicted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight Sensitivity		Title			
Power(avg), budgeted (watts)	**20.0**			MTTR LRU ORG (Tf)	
Power(avg), predicted (watts)				MTTR Module ORG (Tmo)	
Power(max), budgeted (watts)				MTTR LRU IL (Ti)	
Power(max), predicted (watts)				MTTR Module IL (Tmi)	
Power Sensitivity				MTTR LRU Depot (Td)	
Technology Maturity	**Mature**			MTTR Module Depot (Tmd)	
Technology Type 1	**VLSI**			Project Unique ID	
Equipment Type 1	**Digital**			Title	
Percent of Technology and Equipment 1	**100**				
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Host Interface Module**				

TABLE 12 Component: 1.3.2 Command Program

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**11 October 1994**	Creation Date	**1 July 1995**	Creation Date	**12 July 1995**
Modification Date	**2 November 1996**	Modification Date	**18 October 1996**	Modification Date	**18 October 1996**
Modification Time	**11:08:51 pm**	Modification Time	**11:31:30 am**	Modification Time	**12:16:16 pm**
Number	**1.3.2**	Number	**1.3.2**	Number	**1.3.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**FWCI**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	
Component Sub Type	**n/a**	Purchased Item		Availability predicted	**1.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**1.0**
Design Source	**New**	Development (predicted)	**442269**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**2.0e31**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**0.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**0.0**	MTBF, predicted (hrs)	**1.0e9**
Redundancy Mode		Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)		Production (budgeted)		LRU, Line Replaceable Unit	
Length, predicted (ft)		Production (predicted)	**0**	Maintenance Procedure	
Width, budgeted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**0.0**
Weight, budgeted (lbs)		Support (predicted)	**955881**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity			
Weight Sensitivity		Title		MTTR LRU ORG (Tf)	
Power(avg), budgeted (watts)				MTTR Module ORG (Tmo)	
Power(avg), predicted (watts)				MTTR LRU IL (Ti)	
Power(max), budgeted (watts)				MTTR Module IL (Tmi)	
Power(max), predicted (watts)				MTTR LRU Depot (Td)	
Power Sensitivity				MTTR Module Depot (Tmd)	
Technology Maturity	**Leading Edge**			Project Unique ID	
Technology Type 1				Title	
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code	**3500**				
Percent of Memory Utilization	**50**				
Percent of Processor Utilization	**50**				
Language	**ADA83**				
Percent New Code	**100**				
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title	**Command Program**				

TABLE 13 Component: 1.3.2.1 Initialization Program

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**2 July 1995**	Creation Date	**2 July 1995**	Creation Date	**12 July 1995**
Modification Date	**17 October 1996**	Modification Date	**18 October 1996**	Modification Date	**18 October 1996**
Modification Time	**9:54:55 pm**	Modification Time	**11:33:15 am**	Modification Time	**12:18:37 pm**
Number	**1.3.2.1**	Number	**1.3.2.1**	Number	**1.3.2.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**FWC**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**n/a**	Purchased Item		Availability predicted	**1.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**1.0**
Design Source	**New**	Development (predicted)	**177611**	MTBCF, budgeted (hrs)	
Percent New Design	**100**	Development Sensitivity		MTBCF, predicted (hrs)	**2.0e31**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)		Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)		MTBF, predicted (hrs)	**1.0e9**
Redundancy Mode		Total Production Quantity		Method used for MTBF predicted	
Length, budgeted (ft)		Production (budgeted)		LRU, Line Replaceable Unit	
Length, predicted (ft)		Production (predicted)	**0**	Maintenance Procedure	
Width, budgeted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**0.0**
Weight, budgeted (lbs)		Support (predicted)	**382821**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)				MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Mature**			Title	
Technology Type 1					
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code	**1400**				
Percent of Memory Utilization	**50**				
Percent of Processor Utilization	**50**				
Language	**ADA83**				
Percent New Code	**100**				
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)	**100**				
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 14 Component: 1.3.3.2 Control Program

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**2 July 1995**	Creation Date	**2 July 1995**	Creation Date	**12 July 1995**
Modification Date	**2 November 1996**	Modification Date	**18 October 1996**	Modification Date	**18 October 1996**
Modification Time	**11:03:02 pm**	Modification Time	**11:31:54 am**	Modification Time	**12:16:43 pm**
Number	**1.3.3.2**	Number	**1.3.3.2**	Number	**1.3.3.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**FWC**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	
Component Sub Type	**n/a**	Purchased Item		Availability predicted	**1.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**1.0**
Design Source	**New**	Development (predicted)	**177611**	MTBCF, budgeted (hrs)	
Percent New Design	**100**	Development Sensitivity		MTBCF, predicted (hrs)	**2.0e31**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)		Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)		MTBF, predicted (hrs)	**1.0e9**
Redundancy Mode		Total Production Quantity		Method used for MTBF predicted	
Length, budgeted (ft)		Production (budgeted)		LRU, Line Replaceable Unit	
Length, predicted (ft)		Production (predicted)	**0**	Maintenance Procedure	
Width, budgeted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**0.0**
Weight, budgeted (lbs)		Support (predicted)	**382821**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity			
Weight Sensitivity		Title		MTTR LRU ORG (Tf)	
Power(avg), budgeted (watts)				MTTR Module ORG (Tmo)	
Power(avg), predicted (watts)				MTTR LRU IL (Ti)	
Power(max), budgeted (watts)				MTTR Module IL (Tmi)	
Power(max), predicted (watts)				MTTR LRU Depot (Td)	
Power Sensitivity				MTTR Module Depot (Tmd)	
Technology Maturity	**Leading Edge**			Project Unique ID	
Technology Type 1				Title	
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code	**1400**				
Percent of Memory Utilization	**50**				
Percent of Processor Utilization	**50**				
Language	**ADA83**				
Percent New Code	**100**				
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)	**100**				
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 15 Component: 1.3.3.3 Auxiliary Program

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**2 July 1995**	Creation Date	**2 July 1995**	Creation Date	**12 July 1995**
Modification Date	**17 October 1996**	Modification Date	**18 October 1996**	Modification Date	**18 October 1996**
Modification Time	**9:45:38 pm**	Modification Time	**11:30:39 am**	Modification Time	**11:35:50 am**
Number	**1.3.3.3**	Number	**1.3.3.3**	Number	**1.3.3.3**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**FWC**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	
Component Sub Type	**n/a**	Purchased Item		Availability predicted	**1.0**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**1.0**
Design Source	**New**	Development (predicted)	**87046**	MTBCF, budgeted (hrs)	
Percent New Design	**100**	Development Sensitivity		MTBCF, predicted (hrs)	**2.0e31**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)		Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)		MTBF, predicted (hrs)	**1.0e9**
Redundancy Mode		Total Production Quantity		Method used for MTBF predicted	
Length, budgeted (ft)		Production (budgeted)		LRU, Line Replaceable Unit	
Length, predicted (ft)		Production (predicted)	**0**	Maintenance Procedure	
Width, budgeted (ft)		Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)		Operational (predicted)		Maintenance Concept Used for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, budgeted (hrs)	
Volume Sensitivity		Support (budgeted)		MTTR, line, predicted (hrs)	**0.0**
Weight, budgeted (lbs)		Support (predicted)	**190239**	*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)				MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Leading Edge**			Title	
Technology Type 1					
Equipment Type 1					
Percent of Technology and Equipment 1					
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code	**700**				
Percent of Memory Utilization	**50**				
Percent of Processor Utilization	**50**				
Language	**ADA83**				
Percent New Code	**100**				
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)	**100**				
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 16 Component: 1.4 Backplane Assembly

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**26 September 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**7:37:06 pm**	Modification Time	**9:31:44 pm**	Modification Time	**9:36:07 pm**
Number	**1.4**	Number	**1.4**	Number	**1.4**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Backplane/Cabling**	Purchased Item		Availability predicted	**0.999813**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.998801**
Design Source		Development (predicted)	**43446**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**16666.7**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**15000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**7839.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)		Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**7839.0**	MTBF, predicted (hrs)	**16666.7**
Redundancy Mode		Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.32**	Production (budgeted)			
Length, predicted (ft)		Production (predicted)	**4254775**	LRU, Line Replaceable Unit	**No**
Width, budgeted (ft)	**1.4**	Production Cost Sensitivity		Maintenance Procedure	
Width, predicted (ft)		Operational (budgeted)		Maintenance Concept	
Depth, budgeted (ft)	**0.8**	Operational (predicted)		Requested for Costing	
Depth, predicted (ft)		Operational Cost Sensitivity		Maintenance Concept Used for Costing	
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**3.5**	Support (predicted)	**1605620**	MTTR, line, budgeted (hrs)	
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	**3.1146**
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**3.5**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity					
Technology Maturity	**Mature**			MTTR LRU ORG (Tf)	
Technology Type 1				MTTR Module ORG (Tmo)	
Equipment Type 1				MTTR LRU IL (Ti)	
Percent of Technology and Equipment 1				MTTR Module IL (Tmi)	
Technology Type 2				MTTR LRU Depot (Td)	
Equipment Type 2				MTTR Module Depot (Tmd)	
Percent of Technology and Equipment 2				Project Unique ID	
Technology Type 3				Title	
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 17 Component: 1.4.1 VME Backplane

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**2 November 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**10:47:37 pm**	Modification Time	**9:33:00 pm**	Modification Time	**9:37:11 pm**
Number	**1.4.1**	Number	**1.4.1**	Number	**1.4.1**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**Yes**
Component Sub Type	**Backplane/Cabling**	Purchased Item	**1100.0**	Availability predicted	**0.999853**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.9996**
Design Source	**COTS**	Development (predicted)	**1100**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**50000.0**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**50000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**1100.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**1100.0**	MTBF, predicted (hrs)	**50000.0**
Redundancy Mode	**Operational, Off Line replacement**	Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.167**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**609772**	Maintenance Procedure	
Width, budgeted (ft)	**1.4**	Production Cost Sensitivity		Maintenance Concept Requested for Costing	
Width, predicted (ft)		Operational (budgeted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, budgeted (ft)	**0.8**	Operational (predicted)		MTTR, line, budgeted (hrs)	**8.0**
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, predicted (hrs)	**7.34349**
Volume Sensitivity		Support (budgeted)		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, budgeted (lbs)	**3.0**	Support (predicted)	**261711**		
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)	**0.0**			MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Mature**			Title	
Technology Type 1	**None**				
Equipment Type 1	**Structure**				
Percent of Technology and Equipment 1	**100**				
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 18 Component: 1.4.2 Interlink Module

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**8 November 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**11:43:59 pm**	Modification Time	**9:34:46 pm**	Modification Time	**9:36:59 pm**
Number	**1.4.2**	Number	**1.4.2**	Number	**1.4.2**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**Yes**
Component Sub Type	**Board**	Purchased Item	**3300.0**	Availability predicted	**0.99996**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.9992**
Design Source	**COTS**	Development (predicted)	**6600**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**25000.0**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**50000.0**
Quantity in Next Higher Assembly	**2**	Amortized Unit Production (predicted)	**3300.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**2**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)	**2**	Unit Production (predicted)	**3300.0**	MTBF, predicted (hrs)	**50000.0**
Redundancy Mode	**Operational, Off Line replacement**	Total Production Quantity	**1000.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**0.154**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**3574272**	Maintenance Procedure	
Width, budgeted (ft)	**0.313**	Production Cost Sensitivity		Maintenance Concept	
Width, predicted (ft)		Operational (budgeted)		Requested for Costing	
Depth, budgeted (ft)	**0.267**	Operational (predicted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, predicted (ft)		Operational Cost Sensitivity			
Volume Sensitivity		Support (budgeted)			
Weight, budgeted (lbs)	**0.4**	Support (predicted)	**1331480**	MTTR, line, budgeted (hrs)	**1.0**
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR, line, predicted (hrs)	**1.00001**
Weight Sensitivity		Title		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Power(avg), budgeted (watts)	**3.5**				
Power(avg), predicted (watts)					
Power(max), budgeted (watts)					
Power(max), predicted (watts)					
Power Sensitivity				MTTR LRU ORG (Tf)	
Technology Maturity	**Mature**			MTTR Module ORG (Tmo)	
Technology Type 1	**VLSI**			MTTR LRU IL (Ti)	
Equipment Type 1	**Digital**			MTTR Module IL (Tmi)	
Percent of Technology and Equipment 1	**100**			MTTR LRU Depot (Td)	
Technology Type 2				MTTR Module Depot (Tmd)	
Equipment Type 2				Project Unique ID	
Percent of Technology and Equipment 2				Title	
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					

TABLE 19 Component: 1.5 Chassis

COMPONENT		COST		RMA	
Author	**System User**	Author	**System User**	Author	**System User**
Creation Date	**1 July 1995**	Creation Date	**1 July 1995**	Creation Date	**7 July 1995**
Modification Date	**17 October 1996**	Modification Date	**5 March 1996**	Modification Date	**5 March 1996**
Modification Time	**9:47:06 pm**	Modification Time	**9:31:57 pm**	Modification Time	**9:36:12 pm**
Number	**1.5**	Number	**1.5**	Number	**1.5**
Abbreviation		Abbreviation		Abbreviation	
Component Type	**HW Element**	COST UNIT	**DOLLARS**	Allow RMA Quantity Request	**No**
Component Sub Type	**Enclosure**	Purchased Item	**1200.0**	Availability predicted	**0.99999**
SW, Percent of Processor Utilization		Development (budgeted)		Reliability predicted	**0.9998**
Design Source	**COTS**	Development (predicted)	**1200**	MTBCF, budgeted (hrs)	
Percent New Design		Development Sensitivity		MTBCF, predicted (hrs)	**100000.0**
Duplicate - Used in other assemblies	**No**	Amortized Unit Production (budgeted)		MTBF, budgeted (hrs)	**100000.0**
Quantity in Next Higher Assembly	**1**	Amortized Unit Production (predicted)	**1200.0**	Optimized MTBF (hrs)	
Quantity Requested for RMA (automatic entry)	**1**	Unit Production (budgeted)		MTBF Optimization Criteria	
Qty Reqd for Operation (Enter Only to Indicate Redundancy)		Unit Production (predicted)	**1200.0**	MTBF, predicted (hrs)	**100000.0**
Redundancy Mode		Total Production Quantity	**500.0**	Method used for MTBF predicted	
Length, budgeted (ft)	**1.458**	Production (budgeted)		LRU, Line Replaceable Unit	**Yes**
Length, predicted (ft)		Production (predicted)	**647172**	Maintenance Procedure	
Width, budgeted (ft)	**0.854**	Production Cost Sensitivity		Maintenance Concept Requested for Costing	
Width, predicted (ft)		Operational (budgeted)		Maintenance Concept Used for Costing	**Replace mods at EQP. Scrap bad mods.**
Depth, budgeted (ft)	**0.875**	Operational (predicted)		MTTR, line, budgeted (hrs)	**1.0**
Depth, predicted (ft)		Operational Cost Sensitivity		MTTR, line, predicted (hrs)	**1.0**
Volume Sensitivity		Support (budgeted)		*	**THESE MTTR VALUES ARE POPULATED BY MSI FOR USE BY PRICE**
Weight, budgeted (lbs)	**24.0**	Support (predicted)	**108099**		
Weight, predicted (lbs)		Support Cost Sensitivity		MTTR LRU ORG (Tf)	
Weight Sensitivity		Title		MTTR Module ORG (Tmo)	
Power(avg), budgeted (watts)	**100.0**			MTTR LRU IL (Ti)	
Power(avg), predicted (watts)				MTTR Module IL (Tmi)	
Power(max), budgeted (watts)				MTTR LRU Depot (Td)	
Power(max), predicted (watts)				MTTR Module Depot (Tmd)	
Power Sensitivity				Project Unique ID	
Technology Maturity	**Mature**			Title	
Technology Type 1	**None**				
Equipment Type 1	**Structure**				
Percent of Technology and Equipment 1	**100**				
Technology Type 2					
Equipment Type 2					
Percent of Technology and Equipment 2					
Technology Type 3					
Equipment Type 3					
Percent of Technology and Equipment 3					
Technology Type 4					
Equipment Type 4					
Percent of Technology and Equipment 4					
Technology Type 5					
Equipment Type 5					
Percent of Technology and Equipment 5					
SLOC, Source Lines of Code					
Percent of Memory Utilization					
Percent of Processor Utilization					
Language					
Percent New Code					
Mathematics (1)					
String Manipulation (2)					
Store and Retrieve (4)					
Online Communications (6)					
Real Time (8)					
Operating System or Interactive (10)					
User Defined Type (value below)					
Design Difficulty Value for User Defined					
Project Unique ID					
Title					