

RPT:ZCOSTBOM

ADC

1

DATE:06/07/2001 16:13:10

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160571

Rev: 11 DGVI-312110DHU: DIGIVANCE HOST UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
No.	Designator	Manufacturer		Manufacturer Part			
0010	1116896	PS-CHAS AC/DC SW 85-264VIN 48V/3.75AOUT	A0	EA	1.000	AREL	
	09/05/2000	POWER-ONE		MPU150-S261			
0020	1114354	CBRK-SNAPIN MT 5A 2 POLE THERM OVRD BLK	A0	EA	1.000	AREL	
	06/28/2000	SCHURTER INC		ABDBL050C0			
0030	1144961	FAN ASSY-48VDC 32CFM 2 WIRE TERMW/MOLEX	B0	EA	2.000	AREL	
	04/12/2001	KENT ELECTRONICS, INC		ADC #1144961			
0040	1118407	CABLE ASSY, PWR SUPP, 110 VAC	C0	EA	1.000	AREL	
	05/23/2001						
0050	27.0052	CONN-PM IEC 320 MALE QD 15A	B0	EA	1.000	AREL	
	03/01/2001	PANEL COMPONENTS CORPORATION		8301212			
0060	1144576	SCR-M3X.5X8MM TORXT10 FLTHD THDFRM W/NIB	A0	EA	42.000	AREL	
	01/30/2001	ADAMS NUT & BOLT INC		101300			
0065	4-01480-0520	W11-02 .187,.375	AD	EA	1.000	AREL	

12/14/1998

ADAMS NUT & BOLT INC

4-01480-0520

0070 4-24174-0350
01/21/1997

HDW-100343: S271111-06 6-32X.312SEMS POU F0

EA 5.000 AREL

ADAMS NUT & BOLT INC
CAMCAR DIVISION OF TEXTRON INC
MONKS AND CRANE

4-24174-0350
430-004-406100
GW000306

0075 1155365
02/21/2001

SCR-M3x.5x8MM TORX10 PANHD ZINCW/CLRCHRM A0

EA 8.000 AREL

ADAMS NUT & BOLT INC

1155365

0080 1146072
01/05/2001

CORDSET-3X18GA 125V/10A NOAMER W/C13 A0

EA 1.000 AREL

PANEL COMPONENTS CORPORATION

70401020244

0090 1118637
04/20/2001

FRONT PANEL, DIGITAL HOST UNIT L1

EA 1.000 AREL

0100 1118634
02/01/2001

COVER, DIGITAL HOST UNIT G1

EA 1.000 AREL

0110 1143507
02/01/2001

FAN MOUNTING PANEL B1

EA 1.000 AREL

0120 1135753
05/31/2001

PCB ASSY-1900 DHU MAIN BOARD GUPPY 12

EA 1.000 BREL

Pemstar Inc.

1135753

0130 1125420
05/02/2001

PCB ASSY-FRONT PANEL - GUPPY A1

EA 1.000 AREL

PEMSTAR

0140 1118636
02/01/2001

MOUNTING PLATE, DIGITAL HOST UNIT C1

EA 2.000 AREL

RPT:ZCOSTBOM

2

DATE:06/07/2001 16:13:10

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160571

Rev: 11 DGVI-312110DHU: DIGIVANCE HOST UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				
No.							
0150	1093270	SCREW-PH, M6X1X10mm, THD FORMING W/NIBS	A0	EA	4.000	AREL	
	02/21/2000	ADAMS NUT & BOLT INC					
0160	4-27033-9103	HDW-101224: SCREW 12-24X3/8	A0	EA	4.000	AREL	
	02/25/1993	ADAMS NUT & BOLT INC		ADC# 4-27033-9103			
		CAMCAR DIVISION OF TEXTRON INC		4-27033-9103			
		MONKS AND CRANE		GW000314			
0165	1141854	WIRE ASSY-18GA GRN/YEL RINGTERM/FEM DISC	D0	EA	1.000	AREL	
	05/23/2001	VOYAGER ELECTRONICS CORP		1141854			
0170	1118410	WIRE ASSY 18 GA BROWN	D0	EA	1.000	AREL	
	05/23/2001						
0175	1141192	THERM TRANS MAT 10X15MM X2.0MM THICK	A0	EA	1.000	AREL	
	01/05/2001	FUJIPOLY AMERICA CORPORATION		200G-B 10MM X 15MM			

0180 1118412 05/23/2001	WIRE ASSY 18 GA BLUE	D0	EA	1.000	AREL
0185 2-25700-0030 03/11/1996	CLAMP CABLE .25 INCH HEYCO	A0	EA 3304	1.000	AREL
0190 1173896 05/19/2001	HOUSING, DHE, DEU, PAINTED	A1	EA	1.000	AREL
0200 1125621 01/09/2001	LABEL, DHU, DEU, POWER SUPPLY	A0	EA	1.000	AREL
0201 2-42937-2858 02/10/1993	LABEL DANGER VOLTAGE DASCO SYSTEMS, INC.	A0	EA 1504432	1.000	AREL
0202 2-42938-5004 06/07/1999	LABEL GND SYMBOL DASCO SYSTEMS, INC.	C0	EA 1602938	2.000	AREL
0203 1149437 05/15/2001	DIGIVANCE SERIAL NUMBER DRAWING	F0	EA	1.000	AREL
0204 1174023 05/15/2001	LBL-1.5"X0.75" PRINTED FCC ID DVICS1900 CORIDIAN TECHNOLOGIES, INC.	A0	EA 1174023	1.000	AREL
0205 1149087 01/09/2001	LBL-.89"X.56" PRINTED WARNING LASER RAD ARTISTIC SCREENING COMPANY INC	A0	EA 1149087	1.000	AREL
0206 2-42937-6258 06/03/1994	LABEL CFR 1040 TAPEMARK CO	A0	EA 2-42937-6258	1.000	AREL
0207 1107510 05/02/2000	Label - Warranty Void	A0	EA	1.000	AREL

RPT:ZCOSTBOM

3

DATE:06/07/2001 16:13:10

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160571

Rev: 11 DGVI-312110DHU: DIGIVANCE HOST UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator	Manufacturer		Manufacturer Part				
No.							
TAPEMARK CO							
0208	1176142	LBL-DGVI 1900 ICS SWITCH POSITIONS	A0	EA	1.000	AREL	
05/23/2001	ADHESIVE GRAFFIX						
0210	1116270	PLUG-WIRECLAMP RTANG 5MMSPACE 1X6POS POL	A0	EA	1.000	AREL	
08/29/2000	KODA POWER		MC100-50006				
0215	11247	11247: SCREWTX M4X6 F C'SINK A2	A0	EA	10.000	AREL	
04/13/1999	FAST-IT OY WURTH ELEKTRONIK RUUVITALO OY						
0220	1133032	CBL-RBN 40COND 610MM W/2-40PIN POLAR CON	C0	EA	1.000	AREL	
03/27/2001	LEOCO (U.S.A.) CORPORATION		V00103376-3				
0225	4-16211-0312	HDW-100694: *PANDDUIT TIE	L0	EA	1.000	AREL	

03/30/2000

Nanjing Run Ahead M & E Co,.Ltd
PANDUIT

4-16211-0312
PLT2S-M

0230 1130394
10/18/2000

SNAP RIVET 4MMDIA 5.5-6.5MMGRIP NYL TAN A0
RICHCO PLASTIC CO

EA 8.000 AREL
RICHCO# SRHR-4080

0240 1130952
10/19/2000

SCR/8-32 SEMS PHIL PANHD L0.25" EXTLKWSR A0
ITW SHAKEPROOF

EA 2.000 AREL
63-08441-02-0251-0551

0260 1147035
01/05/2001

NUT-HEX M3X.5 STL W5XT2.4MM CLR CHROM A0
ADAMS NUT & BOLT INC

EA 3.000 AREL
238500

0270 9-23404-1100
12/14/1998

SUB1549: \$B\$ W41-02 .115,.245 C0
ADAMS NUT & BOLT INC

EA 4.000 AREL
9-23404-1100

0280 TDD15003
04/13/2000

TDD15003: COPPER STICKER D15mm 3M 1194 C0
AUDEL OY
CORIDIAN TECHNOLOGIES,INC.

EA 3.000 AREL

0800 2-42567-0017
12/04/1995

2-42567-0017: *BAG ANTI-STAT 10X12 PNK A1
CENTRAL CONTAINER CORP
LITIN PAPER COMPANY
SPRING LAKE PLASTICS

EA 1.000 AREL
SC9160
2-42567-0017
2-42567-0017

0810 2-42567-0040
03/16/1983

2-42567-0040: POLY BAG, 3 MIL 12X15 A0
AMERICAN CARTON & POLYBAG
Dong Kang Protect Film
SPRING LAKE PLASTICS

EA 1.000 AREL
ACP-102
2-42567-0040

RPT:ZCOSTBOM

4

DATE:06/07/2001 16:13:10

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160571

Rev: 11 DGVI-312110DHU: DIGIVANCE HOST UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				
No.							
		UNISOURCE MACK-PAK INC		2-42567-0040			
0820	2-42567-0021	BAG ANTISTAT 20X30	A0	EA	1.000	AREL	
	04/02/1992	SPRING LAKE PLASTICS		2-42567-0021			
0830	2-42936-5419	HDW-101194: LABEL ESD REUSABLE	A0	EA	1.000	AREL	
	04/24/1992	3M (IMATION FINANCING SERVICES)		3M 7101			
0840	1143510	Antistatic EPS Tray	B0	EA	1.000	AREL	
	04/18/2001	POLY FOAM, INC		4882F			
0850	1143522	EPS Plank (1.63 x 18.88 x 22.88)	A0	EA	1.000	AREL	
	02/07/2001	POLY FOAM, INC		4882 F			
0860	2-42932-9920	BOX CORRUGATED 23X19X8X17 +++	D0	EA	1.000	AREL	
	05/16/2000	CENTRAL CONTAINER CORP		ADC #373			
		Cenpak(nanjing) packaging					

MENASHA CORPORATION
PACKAGING CORPORATION OF AMERICA

2-42932-9920
2-42932-9920

0870 1135536
11/14/2000

PACKAGING LABEL BLANK 3.5 X 6.0

A0 EA

1.000 AREL

TAPEMARK CO

0008	1102780	RES-0603 1/16W 1% 205 DALE ELECTRONICS INC	A0	EA CRCW06032050F	3.000	AREL	03/28/2000	R!
0009	1105392	RES-0603 0 (ZERO)OHM JUMPER THK FILM VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW0603000	2.000	AREL	04/13/2000	R!
0010	1105396	RES-0603 100 OHM 1% 0.063W IND THK FILM VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031000F	42.000	AREL	04/13/2000	R! R! R! R!
0011	1105424	CAP-0805 2400PF DC BLOCK 1M-20GHZ 50V XT DIELECTRIC LABORATORIES INC.	A0	EA C 08 BL BB1X5UX	15.000	AREL	04/24/2000	C' C'
0012	1110483	D/A CONV-SO28 14BIT 125MSPS CMOS 1.2REF Analog Devices Inc.	A0	EA AD9754AR	1.000	AREL	05/22/2000	U:
0013	1110506	CONV-QFP52 A/D 1.3W 65MSPS 14BIT REF T/H Analog Devices Inc.	A0	EA AD6644AST-65	1.000	AREL	05/22/2000	U!
0014	1110585	MXR-MW6 LOFREQ.5-2.5G GAAS MMIC 50OHMI/O Infineon	A0	EA CMY 210	2.000	AREL	05/22/2000	U:

RPT:ZCOSTBOM

2

DATE:06/07/2001 16:22:36

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator							

No.	Manufacturer	Manufacturer Part
0015 1110633	FPGA-QFP240 3.3V 192I/O GATERANGE 10-30K XILINX, INC	A0 EA 1.000 AREL 05/22/2000 U: XCS30XL-4PQ240C
0016 1110725	FLTR-1206 2200PF-20/50% 50V 300MA DCR0.3 MURATA ELECTRONICS	A0 EA 18.000 AREL 05/30/2000 EI NFM3212R13C222RT1
0017 1110726	FLTR-1206 22000PF-20/50% 50V 300MA DCR.3 MURATA ELECTRONICS	A0 EA 13.000 AREL 05/31/2000 EI NFM3212R13C223RT1
0018 1110811	REG-SOT23 RFLDO +5.0V 150MA RIPREJ85DB IMPALA LINEAR CORPORATION	A0 EA 7.000 AREL 05/30/2000 U' ILC7082AIM5-50
0019 1110857	RECT-SOD123 SCHOTTKYBARRIER PWR 0.5A 20V MOTOROLA SEMICONDUCTOR	A0 EA 1.000 AREL 05/30/2000 D! MBR0520LT(X)
0020 1110860	CHOKE-1210 10UH 10% SRF26-50M .45A DCR.3 MURATA ELECTRONICS	A0 EA 6.000 AREL 05/30/2000 L! LQH3C100K24
0021 1111083	XCVR-SFF 2X5 1.0625GBIT/SEC 3.3V LC CONN FINISAR CORP. STRATOS LIGHTWAVE LLC	A0 EA 6.000 AREL 06/13/2000 U! FTRJ-8519-1 MLC-25-4E-1-TL
0022 1111225	XMTR-QFP64 SMPLX CIMT-ENC/DEC 3.3V 1.4GB AGILENT TECHNOLOGIES	A0 EA 1.000 AREL 06/13/2000 U' HDMP-1032
0023 1111227	RCVR-QFP64 SMPLX CIMT-ENC/DEC 3.3V 1.4GB AGILENT TECHNOLOGIES	A0 EA 6.000 AREL 06/13/2000 U! HDMP-1034
0024 1111239	DIST CLK/DATA-QFP32 1:9 3GHZMAX 3.3/5.2V SEMTECH	A0 EA 1.000 AREL 06/13/2000 U! SK1900
0025 1111505	XSTR-SSOT6 N-CHAN FET DMOS LOGIC LVL ENH FAIRCHILD (old National Semi)	A0 EA 1.000 AREL 06/13/2000 Q! NDC651N

0026	1111519	AMP-SOT23 OP HI SPD LODIST 70MHZ GAINBW NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LM7131BCM5	1.000	AREL	06/13/2000	U'
0027	1111749	XFMR-SMT RATIO1:00 1.5-500MHZ 0.25W 30MA MINI-CIRCUITS	A0	EA TCM1-6T	4.000	AREL	06/15/2000	T'
0029	1111764	RECT-369A SCHOTTKY BARR 3A/60V FASTSW XT MOTOROLA SEMICONDUCTOR	A0	EA MBRD360	1.000	AREL	06/15/2000	D'

RPT:ZCOSTBOM
3
DATE:06/07/2001 16:22:36

ADC
Bill of Materials

Comparison date
06/07/2001
Assembly P/N: 1135753 Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
0030	1111771	REG-SO24 SWITCH 1A ADJ STEPDOWN 52KHZ OSC NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LM2575HVM-ADJ	1.000	AREL	06/15/2000	U'
0031	1112568	CONV-18PINSMD DC/DC 48/60VIN 3.3V/2AOUT ERICSSON COMPONENTS, INC	A0	EA PKF4910ASI	2.000	AREL	06/15/2000	U'
0032	1112570	CONV-18PINSMD DC/DC 48/60VIN 5.0V/2AOUT ERICSSON COMPONENTS, INC	A0	EA PKF4111ASI	1.000	AREL	06/15/2000	U'
0033	1112597	HDR-SMT 1X6VERT .32POST .1SPACE NONPOLAR	A0	EA	2.000	AREL	06/15/2000	J'

SAMTEC

TSM-106-02-T-SV

0034	1112658	BUFFER-SSOP20 CLOCK DUAL 1-4 200MHZ ICS	A0	EA ICS552R-01(TUBES)-01T(T/R)	1.000	AREL	06/28/2000	U!
0035	1112844	CAP-SMT 1000UF 10V 20% LOW ESR 12.5X16.5 PANASONIC FACTORY AUTOMATION	A0	EA EEVFC1A102LQ	1.000	AREL	06/28/2000	C:
0036	1112846	CAP-SMT 100UF 63V 20% LOW ESR 12.5 X 16. PANASONIC FACTORY AUTOMATION	A0	EA EEVFC1J101Q	1.000	AREL	06/28/2000	C:
0037	1112858	SW-SMT 5 POS SPST LO PROF DIP 100MA/50V C&K COMPONENTS INC	A0	EA SD05H0SK	1.000	AREL	06/28/2000	SY
0038	1113071	RF SHIELD/COVER SET 26MM SQUARE BRI-TIN Laird Technologies -C/O Arkco Sales	A0	EA 1113071	8.000	AREL	07/21/2000	SI
0039	1113132	REG-TO263 FAST ULTRA LDO LINEAR 3.3VOUT NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LP3965ES-3.3	1.000	AREL	06/28/2000	U!
0040	1113138	REG-SO8 3.3V LDO 500MA DMOS LO NOISE BURR-BROWN 30067 BUR	A0	EA REG103UA-3.3	7.000	AREL	06/28/2000	U!
0041	1113139	REG-SO8 5.0V LDO 500MA DMOS LO NOISE BURR-BROWN 30067 BUR	A0	EA REG103UA-5	2.000	AREL	06/28/2000	U!
0042	1113149	RLY-SMT MINI 5VCOIL DPDT 1A30VDC .5A125V AROMAT CORPORATION (NAIS) FUJITSU COMPOUND SEMICONDUCTOR	A0	EA TQ2SA-5V AS-5W-K	2.000	AREL	06/28/2000	K:
0043	1114069	CAP-3216 TANT 4.7UF 10% 16V NIC 33536 NIC	A0	EA NTC-T475K16TRA	67.000	AREL	06/28/2000	C' C' C'

RPT:ZCOSTBOM

ADC

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer		Manufacturer Part				
No.								
0044	1114070	CAP-3528 TANT 10UF 10% 16V NIC 33536 NIC	A0	EA NTC-T106K16TRB	8.000	AREL	06/28/2000	C!
0045	1114185	CAP-1206 0.47UF X7R 10% 25V PANASONIC FACTORY AUTOMATION	A0	EA ECJ-3VB1E474K	1.000	AREL	06/08/2000	C:
0046	1114187	CAP-1206 0.33UF X7R 10% 16V PANASONIC FACTORY AUTOMATION	A0	EA ECJ-3VB1C334K	1.000	AREL	06/08/2000	C:
0047	1114398	IND-1008 470NH 5% QMIN10 SRF160M DCR1.58 PANASONIC FACTORY AUTOMATION	A0	EA ELJNCR47JF	8.000	AREL	06/08/2000	L!
0048	1116260	HDR-PC MT RTANG 5MM SPACE 1X6POS POLAR KODA POWER	A0	EA ME030-50006	1.000	AREL	08/29/2000	J:
0049	1116315	XSTR-SOT23 NPN GEN PUR AMP/SWITCH FAIRCHILD (old National Semi)	A0	EA MMBT3904	3.000	AREL	09/19/2000	Q!

0050	1116318	XSTR-SOT23 PNP GEN PUR AMP/SWITCH FAIRCHILD (old National Semi)	A0	EA MMBT3906	4.000	AREL	09/19/2000	Q'
0051	1116328	DIODE-SOT23 RF SCHOTTKY BARR SERIES DUAL AGILENT TECHNOLOGIES	A0	EA HSMS-2822	1.000	AREL	09/05/2000	D!
0052	1116653	IND-0603 3.3N+/- .3N QMIN9 QTYP35 SRF5.5G PANASONIC FACTORY AUTOMATION	A0	EA ELJRE3N3DF2	3.000	AREL	07/27/2000	L!
0053	1116746	LED-SOT23 RED 635NM 140DEG REVPOLAR 5MCD LUMEX OPTO COMPONENTS	A0	EA SSL-LX15IC-RP-TR	3.000	AREL	09/05/2000	D.
0054	1117105	FLTR-1206 FERRITEBEAD EMI 50OHM IMP@100M MURATA ELECTRONICS	A0	EA BLM31P500SPT	21.000	AREL	09/05/2000	E! E! E!
0055	1117172	HDR-TH RTANG 40POS .1SPAC SHROUD W/LATCH LEOCO (U.S.A.) CORPORATION	A0	EA 2445P40HUA	1.000	AREL	08/24/2000	J.

RPT:ZCOSTBOM
5

DATE:06/07/2001 16:22:36

ADC

Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				
No.							

0056	1117185	IND-PCMT BUCK 750UH 6% 1.0ADC DCR0.7MAX SCHOTT CORPORATION	A0	EA 37065	1.000	AREL	08/24/2000	T!
0057	1117464	HDR-SMT VERT 2X8 0.1"/2.54MM PITCH MALE MOLEX RF MICROWAVE CONNECTOR DIV.	A0	EA 15-91-0160	1.000	AREL	07/28/2000	J:
0058	1117473	HDR-TH SLDPRST 0.156 RTANG 1X3 FRIC LOCK MOLEX RF MICROWAVE CONNECTOR DIV.	A0	EA 26-61-5030	2.000	AREL	08/24/2000	J:
0059	1117511	RES-0603 30.1 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060330R1F	13.000	AREL	07/31/2000	R! R!
0060	1117514	RES-0603 22.1K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032212F	2.000	AREL	07/31/2000	R:
0061	1117543	RES-0603 4.75K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034751F	3.000	AREL	07/31/2000	R:
0062	1117547	RES-0603 40.2K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034022F	1.000	AREL	07/31/2000	R!
0063	1117564	RES-0603 47.5K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034752F	9.000	AREL	07/31/2000	R! R:
0064	1117571	RES-0603 6.81K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036811F	3.000	AREL	07/31/2000	R!
0065	1117580	RES-0603 1.00K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031001F	7.000	AREL	07/31/2000	R!
0066	1177236	RES-0603 14.7K OHM 1% 0.063W 50V THK FLM VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031472F	1.000	AREL	05/17/2001	R!
0067	1117589	RES-0603 412 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034120F	1.000	AREL	07/31/2000	R!
0068	1117592	RES-0603 1.10K 1% THK FLM 0.063W 50V	A0	EA	1.000	AREL	07/31/2000	R:

VISHAY/DALE ELECTRONICS, INC

CRCW06031101F

0069	1117593	RES-0603 121K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031213F	1.000	AREL	07/31/2000	R:
------	---------	---	----	---------------------	-------	------	------------	----

0070	1117745	IND-SMD 22UH20% ISAT2.6/IRMS2.7A DCR.058	A0	EA	1.000	AREL	08/24/2000	L:
------	---------	--	----	----	-------	------	------------	----

RPT:ZCOSTBOM

ADC

6

DATE:06/07/2001 16:22:36

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer	Manufacturer Part					
No.								
		COILCRAFT INC		DO3316P-223				
0071	1117761	RES-0603 17.8 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060317R8F	7.000	AREL	07/31/2000	R:
0072	1117762	RES-0603 301 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06033010F	11.000	AREL	07/31/2000	R: R:
0073	1117765	RES-0603 22.1 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060322R1F	2.000	AREL	07/31/2000	R:
0074	1117806	RES-0603 49.9K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034992F	2.000	AREL	07/31/2000	R:

0075	1117808	RES-0603 4.99K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034991F	1.000	AREL	07/31/2000	R:
0076	1117809	RES-0603 11.0K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031102F	1.000	AREL	07/31/2000	R:
0077	1117811	RES-0603 2.00K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032001F	2.000	AREL	07/31/2000	R:
0078	1117828	RES-0603 10.0K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031002F	11.000	AREL	07/31/2000	R: R:
0079	1117842	RES-0603 8.06K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06038061F	1.000	AREL	07/31/2000	R:
0080	1117846	RES-0603 16.2K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031622F	1.000	AREL	07/31/2000	R:
0081	1117848	RES-0603 32.4K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06033242F	1.000	AREL	07/31/2000	R:
0082	1117849	RES-0603 64.9K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036492F	1.000	AREL	07/31/2000	R:
0083	1117850	RES-0603 68.1 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060368R1F	21.000	AREL	07/31/2000	R: R: R:
0084	1117871	RES-0603 80.6 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060380R6F	6.000	AREL	07/31/2000	R:

RPT:ZCOSTBOM

7

DATE:06/07/2001 16:22:36

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer		Manufacturer Part				
No.								
0085	1118004	RES-0603 475 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034750F	1.000	AREL	07/31/2000	R:
0086	1118055	RES-0402 150 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW04021500F	12.000	AREL	08/30/2000	R: R:
0087	1118072	DIODE-SOT23 HI SPEED SWITCHING 225MW On Semiconductor	A0	EA MMBD914LT1	2.000	AREL	08/29/2000	D:
0088	1118095	CAP-7343 100UF 20% TANT 10V ESR 0.7 OHM NIC COMPONENTS CORP.	A0	EA NTC-T107M10TRD	1.000	AREL	09/06/2000	C:
0089	1118142	IND-0805 39NH 2% QMIN60 SRF2.0GHZ DCR.29 COILCRAFT INC	A0	EA 0805CS-390 XGBC	7.000	AREL	08/28/2000	L:
0090	1118180	IND-0805 47NH2% QMIN60 SRF1.65GHZ DCR.31 COILCRAFT INC	A0	EA 0805CS-470 XGBC	1.000	AREL	08/28/2000	L:
0091	1118181	IND-0805 56NH2% QMIN60 SRF1.55GHZ DCR.34 COILCRAFT INC	A0	EA 0805CS-560 XGBC	1.000	AREL	08/28/2000	L:
0092	1118183	IND-0805 68NH2% QMIN60 SRF1.45GHZ DCR.38 COILCRAFT INC	A0	EA 0805CS-680 XGBC	1.000	AREL	08/28/2000	L:
0093	1118342	IND-0805 82NH 2% QMIN65 SRF1.3GHZ DCR.42 COILCRAFT INC	A0	EA 0805CS-820 XGBC	2.000	AREL	08/28/2000	L:

0095	1118424	IND-0805 180NH2% QMIN50 SRF.87GHZ DCR.64 COILCRAFT INC	A0	EA	2.000	AREL	08/28/2000	L!
				0805CS-181 XGBC				
0096	1118437	IND-0805 270NH2% QMIN48 SRF.65GHZ DCR1.0 COILCRAFT INC	A0	EA	4.000	AREL	08/28/2000	L!
				0805CS-271 XGBC				
0097	1118631	VCXO-SMT 142.000M STAB25PPM/PUL100PPM 5V Raltron Electronics Corp.	B0	EA	1.000	AREL	11/13/2000	U!
				VH225B-LZ-100-142.000-FR5				
0098	1119556	CAP-0603 1,000PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA	29.000	AREL	08/28/2000	C!
				NMC0603X7R 102J50TR				C!
0099	1119568	CAP-0603 2200PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA	1.000	AREL	08/28/2000	C!
				NMC0603X7R 222J50TR				C!

RPT:ZCOSTBOM
8

DATE:06/07/2001 16:22:36

ADC

Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				
No.							

0100	1119569	CAP-0603 2700PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA	1.000	AREL	08/28/2000	C!
				NMC0603X7R 272J50TR				

0101	1119570	CAP-0603 3300PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA NMC0603X7R 332J50TR	1.000	AREL	08/28/2000	C!
0102	1119572	CAP-0603 4700PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA NMC0603X7R 472J50TR	1.000	AREL	08/28/2000	C!
0103	1119684	CAP-0603 0.01UF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA NMC0603X7R 103J50TR	115.000	AREL	08/28/2000	C! C! C! C! C! C! C! C! C! C! C! C! C!
0104	1119766	CAP-0805 0.1UF X7R 50V 10% NIC COMPONENTS CORP.	A0	EA NMC0805X7R 104K50TR	49.000	AREL	08/30/2000	C! C! C! C! C!
0105	1119791	CAP-1206 1.0UF X7R 16V 10% NIC COMPONENTS CORP.	A0	EA NMC1206X7R 105K16TR	40.000	AREL	08/29/2000	C! C! C! C!

0106	1119793	CAP-2220 0.47UF X7R 100V 10% MURATA ELECTRONICS	A0	EA	7.000	AREL	08/28/2000	C!
					GRM44-1X7R474K100			

RPT:ZCOSTBOM

ADC

9

DATE:06/07/2001 16:22:36

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
0107	1119896	CAP-0603 2.2PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA	2.000	AREL	08/28/2000	C!
					NMC0603NPO2R2B50TR			
0108	1119911	CAP-0603 6.8PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA	2.000	AREL	08/28/2000	C!
					NMC0603NPO6R8B50TR			
0109	1119913	CAP-0603 8.2PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA	13.000	AREL	08/28/2000	C! C!
					NMC0603NPO8R2C50TR			
0110	1119935	CAP-0603 15PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	2.000	AREL	08/30/2000	C!
					NMC0603NPO 150G50TR			
0111	1119939	CAP-0603 18PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	4.000	AREL	08/30/2000	C!
					NMC0603NPO 180G50TR			
0112	1119943	CAP-0603 22PF NPO 50V 2%	A0	EA	2.000	AREL	08/30/2000	C!

		NIC COMPONENTS CORP.	NMC0603NPO 220G50TR					
0113	1119944	CAP-0603 27PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	1.000	AREL	08/30/2000	C!
					NMC0603NPO 270G50TR			
0114	1119946	CAP-0603 33PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	12.000	AREL	08/30/2000	C! C!
					NMC0603NPO 330G50TR			
0115	1119973	CAP-0603 39PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	2.000	AREL	08/30/2000	C!
					NMC0603NPO 390G50TR			
0116	1119998	CAP-0603 68PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	2.000	AREL	08/30/2000	C!
					NMC0603NPO 680G50TR			
0117	1120010	CAP-0603 120PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	1.000	AREL	08/30/2000	C!
					NMC0603NPO 121G50TR			
0118	1120072	CAP-0603 220PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	4.000	AREL	08/30/2000	C!
					NMC0603NPO 221G50TR			
0120	1120079	CAP-0603 330PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	1.000	AREL	08/30/2000	C!
					NMC0603NPO 331G50TR			
0121	1120089	CAP-0603 470PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA	15.000	AREL	08/30/2000	C! C! C!
					NMC0603NPO 471G50TR			

RPT:ZCOSTBOM
10
DATE:06/07/2001 16:22:36

ADC
Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
0122	1120155	IND-1008 750NH 2% QMIN45 SRF360M DCR1.54 COILCRAFT INC	A0	EA 1008CS-751 XGBC	1.000	AREL	08/28/2000	L:
0123	1120262	RES-0603 49.9 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060349R9F	8.000	AREL	08/30/2000	R: R!
0124	1120264	RES-0603 3.92K 1% THK FILM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06033921F	3.000	AREL	08/30/2000	R:
0125	1120267	RES-0603 73.2K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06037322F	1.000	AREL	08/30/2000	R!
0126	1120270	RES-0603 237K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032373F	5.000	AREL	08/30/2000	R!
0127	1120392	CAP-0805 0.01UF X7R 100V 10% NIC COMPONENTS CORP.	A0	EA NMC0805X7R 103K100TR	7.000	AREL	08/30/2000	C!
0128	1120497	FLTR-1206 470PF-20/+50% 50V 300MA DCR0.3 MURATA ELECTRONICS	A0	EA NFM3212R13C471R	13.000	AREL	08/30/2000	E! E! E!
0129	1120987	INV-SO14 AC MOS 2-6VCC OUTSINK/SOURCE24MA FAIRCHILD (old National Semi)	A0	EA 74AC04SC	1.000	AREL	08/31/2000	U:
0130	1121155	AMP-SOT89 GAINBLOK500HM NF4.4 ICP3/37dB EIC Semiconductor	A0	EA EC-1078	4.000	AREL	08/31/2000	U:
0131	1121793	RES-0603 115 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031150F	2.000	AREL	08/30/2000	R:

0132	1121949	RES-0603 2.67K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA	3.000	AREL	08/24/2000	R!
				CRCW06032671F				
0133	1121951	RES-0603 332 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA	1.000	AREL	08/24/2000	R!
				CRCW06033320F				
0134	1122102	IND-0603 1.5NH+/- .2NH QMIN8 SRF6G DCR.07 PANASONIC FACTORY AUTOMATION	A0	EA	1.000	AREL	08/30/2000	L!
				ELJRE1N5ZF2				
0135	1122105	IND-0603 1.8NH+/- .2NH QMIN8 SRF6G DCR.08 PANASONIC FACTORY AUTOMATION	A0	EA	1.000	AREL	08/30/2000	L!
				ELJRE1N8ZF2				
0136	1122133	IND-0603 4.7NH+/- .2 QMIN9 SRF4.8G DCR.17	A0	EA	4.000	AREL	08/30/2000	L!

RPT:ZCOSTBOM

11

DATE:06/07/2001 16:22:36

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135753

Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer	Manufacturer Part					
No.								
		PANASONIC FACTORY AUTOMATION		ELJRE4N7ZF2				
0137	1122192	IND-0603 15NH 2% QMIN10 SRF2.5GHZ DCR.41 PANASONIC FACTORY AUTOMATION	A0	EA	2.000	AREL	08/30/2000	L!
				ELJRE15NGF2				
0138	1122957	FLTR-SMD BPVAR1DB FO161.5M BW25M IL25DB SAWTEK	A0	EA	2.000	AREL	08/28/2000	U!
				855886				

SAWTEK INC

1122957

0139	1123396	CONV-SOT23-5 INV DC/DC 1.2MHZ 16VINMAX LINEAR TECHNOLOGY	A0	EA LT1931ES5	1.000	AREL	08/24/2000	U!
0140	1128288	CAP-0603 2PF +/-0.25PF NPO 50V PANASONIC FACTORY AUTOMATION	A0	EA ECU V1H050CCV	1.000	AREL	09/06/2000	C:
0141	1128289	CAP-0603 3PF +/-0.25PF NPO 50V PANASONIC COMPANY PANASONIC FACTORY AUTOMATION	A0	EA ECJ1VC1H030C ECU V1H030CCV	1.000	AREL	09/06/2000	C:
0142	1128302	CAP-0603 4PF +/-0.25PF NPO 50V PANASONIC COMPANY PANASONIC FACTORY AUTOMATION	A0	EA ECH1VC1H04C ECU V1H040CCV	4.000	AREL	09/06/2000	C:
0143	1128365	DIODE-SOT23 30V ZENER 350MW 2MA VISHAY/DALE ELECTRONICS, INC	A0	EA BZX84C30	1.000	AREL	09/06/2000	D!
0144	1128875	IND-1210 68UH 10% QMIN30 SRF15MHZ DCR9.0 PANASONIC FACTORY AUTOMATION	A0	EA ELJFA680KF	1.000	AREL	09/06/2000	L:
0145	1128881	IND-1210 100UH 10% QMIN20 SRF10MHZ DCR10 PANASONIC FACTORY AUTOMATION	A0	EA ELJFA101KF	1.000	AREL	09/06/2000	L:
0146	1129199	CAP-18X36 RADL 2200UF 20% 63V ALUM ELECT NIC COMPONENTS NICHICON	A0	EA NRSA222M63V18X36 UVX1J222MHA	1.000	AREL	09/11/2000	C:
0147	1129291	BUFFER-SOIC8 1:4CLOCK CMOS 160MHZ NOINV ICS	A0	EA ICS551M	1.000	AREL	09/11/2000	U!
0148	1129708	PROGRAMMED GAL-DIVIDE BY 2	A1	EA	1.000	AREL	04/14/2001	U!
0149	1129709	PROGRAMMED GAL-DIVIDE BY 8	A1	EA	1.000	AREL	04/14/2001	U!
0150	1130298	RES-0603 681 OHM 1% THK FLM 0.063W 50V	A0	EA	1.000	AREL	09/15/2000	R!

RPT:ZCOSTBOM
 12
 DATE:06/07/2001 16:22:36

ADC
 Bill of Materials

Comparison date
 06/07/2001

Assembly P/N: 1135753 Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
		VISHAY/DALE ELECTRONICS, INC		CRCW06036810F				
0151	1132189	RES-0603 29.4K 1% THK FLM 0.063W 50V DALE/VISHAY	A0	EA CRCW06032942F	1.000	AREL	09/27/2000	R!
0152	1133874	RES-0402 82.5 OHM 1% THK FLM 0.063W 50V VISHAY	A0	EA CRCW040282R5F	2.000	AREL	10/04/2000	R!
0153	1133884	RES-0402 130 OHM 1% THK FLM 0.063W 50V VISHAY	A0	EA CRCW04021300F	2.000	AREL	10/04/2000	R!
0154	1134670	SENSOR-SO8 TEMP CENTIG XT +/-0.75 DEG C NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LM35DM	1.000	AREL	10/11/2000	U!
0155	1135712	PROGRAMMED CPLD - GUPPY BUFFER	A1	EA	1.000	AREL	04/14/2001	U!
0156	1136373	ATTN-SO8 VARI 30DB 1.7-2GHZ HIP3 +50DB Alpha Industries	A0	EA AV102-12	1.000	AREL	10/21/2000	U!
0157	1136447	FLTR-SMT6 SAW TX CF1.88GHZ BW60MHZ FUJITSU COMPOUND SEMICONDUCTOR	A0	EA FAR-F6CE-1G8800-L2XA-?	1.000	AREL	10/21/2000	U!

0158	1136607	SYN-MLP28 DUAL RF.75-1.8GHZ (NO IF SYN) Silicon Laboratories	A0	EA SI4113-BM	2.000	AREL	10/21/2000	U!
0159	1139872	REG-SOT23-5 3.3V LINEAR LDO 1% 150MA ULN MICREL 80652 MIC	A0	EA MIC5205-3.3BM5	22.000	AREL	11/07/2000	U! U! U!
0160	1146010	TRIM-SMD 4MMSQ 5K 5TURN TOPADJ SEALED BOURNS	A0	EA 3214W-1-502	1.000	AREL	12/07/2000	R!
0161	1151671	SW-SMT DIP 2 POS SPST LOW PROF SEALED C&K	A0	EA SD02H0SK	1.000	AREL	03/05/2001	ST
0162	1156298	AMP-SO6 MMIC 2.6GHz 5V 20dB +3dBPO 50OHM NEC	A0	EA UPC2712TB	2.000	AREL	02/05/2001	U!
0163	1159622	PROGRAMMED PROM - GUPPY 1900 HOST	11	EA	1.000	BREL	05/16/2001	U!
0164	21.0031	MXR-PLCC20 ACTIVE LOW DIST 831 ANALOG DEV	A0	EA AD831AP	2.000	AREL	01/02/1999	U!
0165	23.0025	RES-0603 1/16W 1% 39.2	A0	EA	1.000	AREL	01/02/1999	R!

RPT:ZCOSTBOM
13
DATE:06/07/2001 16:22:36

ADC
Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135753 Rev: 12 PCB ASSY-1900 DHU MAIN BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator							

No.	Manufacturer	Manufacturer Part
	VISHAY/DALE ELECTRONICS, INC	CRCW060339R2F
0166 24.0023	IND-1008 2% 60Q 1A 82N COILCRAFT INC STETCO ELECTRONICS STETCO INCORPORATED	A0 EA 2.000 AREL 01/02/1999 L! 1008CS-820XGBC 1008G820GTE 1008G820GTE
0167 24.0306	XFMR-SMT RF IR16 1.5-160MHZ MINI-CIRCUITS	A0 EA 1.000 AREL 01/02/1999 T! ADT16-1T
0180 1159909	RES-0603 178 OHM 1% 0.063W 50V THK FLM VISHAY/DALE ELECTRONICS, INC	A0 EA 2.000 AREL 02/27/2001 R! CRCW06031780F
0200 1122106	IND-0603 2.2NH+/- .2NH QMIN8 SRF6G DCR.09 PANASONIC FACTORY AUTOMATION	A0 EA 2.000 AREL 08/30/2000 L! ELJRE2N2ZF2
0210 1110123	AMP-S089 SiGeHBT DC-3G .16A 5V 500hm-I/O STANFORD MICRO DEVICES	A0 EA 1.000 AREL 05/12/2000 U! SGA-6389TR (X)
0220 1117804	RES-0603 121 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0 EA 4.000 AREL 07/31/2000 R! CRCW06031210F
0230 23.0473	RES-0603 1/16W 1% 162 VISHAY/DALE ELECTRONICS, INC	A EA 1.000 AREL 01/02/1999 R! CRCW06031620F
0240 1170809	CAP-0603 CER 50V 2% 240P MURATA ELECTRONICS	A0 EA 4.000 AREL 04/18/2001 C! GRM39C0G241G050
0250 1173284	IND-0805 18NH 2% QMIN50 SRF3.3G DCR0.2 COILCRAFT	A0 EA 1.000 AREL 04/27/2001 L! 0805CS-180XGBC
0260 1154099 02/19/2001	WIRE ASSY-18GA BLK 1/4"STRIP/#8RING TERM VOYAGER ELECTRONICS CORP	A0 EA 1.000 AREL ADC #1154099

0270 1154103	WIRE ASSY-18GA RED 1/4"STRIP/#8RING TERM	A0	EA	1.000	AREL		
02/19/2001	VOYAGER ELECTRONICS CORP		ADC# 1154103				
0280 27.0108	CONN-SMA FEM PCB MNT	50 OHM	A	EA	2.000	AREL	01/02/1999
	JOHNSON COMPONENTS						J

RPT:ZCOSTBOM

ADC

1

DATE:06/07/2001 16:25:53

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160565

Rev: 11 DGVI-313110DRU: DIGIVANCE REMT UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				
No.							
0010	1124946	COVER, TOP, DRU-GUPPY	H1	EA	1.000	AREL	
	05/11/2001						
0020	1133052	SPOTWELD ASSEMBLY BOTTOM PLATE-GUPPY	E1	EA	1.000	AREL	
	05/16/2001						
0030	1135742	PCB ASSY-1900 DRU REMOTE BOARD GUPPY	21	EA	1.000	BREL	
	05/31/2001	Pemstar Inc.		1135742			
0040	1155365	SCR-M3x.5x8MM TORX10 PANHD ZINCW/CLRCHRM	A0	EA	5.000	AREL	
	02/21/2001	ADAMS NUT & BOLT INC		1155365			
0050	1144576	SCR-M3X.5X8MM TORXT10 FLTHD THDFRM W/NIB	A0	EA	17.000	AREL	
	01/30/2001	ADAMS NUT & BOLT INC		101300			
0055	STX30068	STX30068: SCREWTX M3X6 F C'SINK A2	A1	EA	8.000	AREL	
	02/20/1998	WURTH ELEKTRONIK RUUVITALO OY					
0060	1153305	HEATSINK, W/ YELL CHRM .375 dia X .730	A1	EA	1.000	AREL	

01/31/2001

0070 1153308 HEATSINK, W/ YELL CHRM .375 dia X 1.020 A1 EA 2.000 AREL
01/31/2001

0080 1153306 HEATSINK, W/ YELL CHRM .375 dia X .665 A1 EA 3.000 AREL
01/31/2001

0090 1153310 HEATSINK, W/ YELL CHRM .375 dia X .790 A1 EA 1.000 AREL
01/31/2001

0100 1153309 HEATSINK, W/ YELL CHRM .375 dia X .935 A1 EA 1.000 AREL
01/31/2001

0110 1134043 THERM TRANS MAT - 8x15mm x 1.5mm THK A0 EA 4.000 AREL
01/05/2001
FUJIPOLY AMERICA CORPORATION 150G-B 8MM X 15MM

0120 1134028 THERM TRANS MAT- 10x10mm x 1.5mm THK A0 EA 11.000 AREL
01/05/2001
FUJIPOLY AMERICA CORPORATION FUJIPOLY #150G-B 10MMX 10MM

0130 1174023 LBL-1.5"X0.75" PRINTED FCC ID DVICS1900 A0 EA 1.000 AREL
05/15/2001
CORIDIAN TECHNOLOGIES,INC. 1174023

0140 1107510 Label - Warranty Void A0 EA 1.000 AREL
05/02/2000
TAPEMARK CO

0150 1149437 DIGIVANCE SERIAL NUMBER DRAWING F0 EA 1.000 AREL
05/15/2001

0160 4-16211-0312 HDW-100694: *PANDDUIT TIE L0 EA 4.000 AREL
03/30/2000
Nanjing Run Ahead M & E Co,.Ltd 4-16211-0312
PANDUIT PLT2S-M

RPT:ZCOSTBOM

2

DATE:06/07/2001 16:25:53

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1160565

Rev: 11 DGVI-313110DRU: DIGIVANCE REMT UNIT 1900Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator	Manufacturer	Manufacturer Part					
No.							
0170	2-42937-6258	LABEL CFR 1040	A0	EA	1.000	AREL	
	06/03/1994	TAPEMARK CO		2-42937-6258			
0180	1149087	LBL-.89"X.56" PRINTED WARNING LASER RAD	A0	EA	1.000	AREL	
	01/09/2001	ARTISTIC SCREENING COMPANY INC		1149087			
0185	1176142	LBL-DGVI 1900 ICS SWITCH POSITIONS	A0	EA	1.000	AREL	
	05/23/2001	ADHESIVE GRAFFIX					
0190	TDD15003	TDD15003: COPPER STICKER D15mm 3M 1194	C0	EA	3.000	AREL	
	04/13/2000	AUDEL OY CORIDIAN TECHNOLOGIES, INC.					
0820	2-42932-9906	BOX CORRUGATED 11X9X7 +++	D0	EA	1.000	AREL	
	05/16/2000						

CENTRAL CONTAINER CORP
MENASHA CORPORATION
PACKAGING CORPORATION OF AMERICA

ADC #547
2-42932-9906
2-42932-9906

0830 2-42567-0017 2-42567-0017: *BAG ANTI-STAT 10X12 PNK A1 EA 2.000 AREL
12/04/1995

CENTRAL CONTAINER CORP
LITIN PAPER COMPANY
SPRING LAKE PLASTICS

SC9160
2-42567-0017
2-42567-0017

0840 2-42932-9995 BAG STATIC PROT. 10X12 D0 EA 1.000 AREL
02/17/1999

0850 2-42936-5419 HDW-101194: LABEL ESD REUSABLE A0 EA 1.000 AREL
04/24/1992

3M (IMATION FINANCING SERVICES)

3M 7101

0860 1145831 Antistatic EPS tray A0 EA 1.000 AREL
01/16/2001

POLY FOAM, INC

4903F ITEM 20001943

0870 1145833 Antistatic EPS plank A0 EA 1.000 AREL
01/16/2001

POLY FOAM, INC

4903F ITEM 20001934

0880 1135536 PACKAGING LABEL BLANK 3.5 X 6.0 A0 EA 1.000 AREL
11/14/2000

TAPEMARK CO

RPT:ZCOSTBOM

1

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer						Manufacturer Part
No.								
0001	1135695	SCHEM-GUPPY 1900 DRU REMOTE	20	EA	1.000	BREL		
	05/31/2001							
0002	1135705	GUPPY-1900 DRU REMOTE PCB FAB DWG	20	EA	1.000	BREL		
	05/31/2001							
0003	1066988	REG-SOT23-5 XT LDO LIN ADJ 150MA IMPALA LINEAR CORPORATION	A0	EA ILC7082AIM5-ADJ	9.000	AREL	06/15/2000	U! U!
0004	1075270	XSTR-SOT23 SS GP PNP BCW30 PHILIPS COMPONENTS Zetex	A0	EA BCW30 BCW30	2.000	AREL	09/28/1999	Q!
0005	1094083	HDR-Sldr Post Str 2x3 0.100" Non Polar SAMTEC	A0	EA TSW-103-07-S-D	2.000	AREL	02/17/2000	J!
0006	1105392	RES-0603 0 (ZERO)OHM JUMPER THK FILM VISHAY/DALE ELECTRONICS, INC VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW0603000 CRCW0603000	12.000	AREL	04/13/2000	R! R!
0007	1105396	RES-0603 100 OHM 1% 0.063W IND THK FILM VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031000F	49.000	AREL	04/13/2000	R! R! R!

R!
R!
R!
R!

0008	1122130	IND-0603 3.9NH+/- .2 QMIN9 SRF5.5G DCR.15 PANASONIC FACTORY AUTOMATION	A0	EA ELJRE3N9ZF2	5.000	AREL	08/30/2000	L!
0009	1105416	IND-0603 8.2NH 5% QMIN9 QTY36@800M PANASONIC FACTORY AUTOMATION	A0	EA ELJRE8N2JF2	2.000	AREL	04/13/2000	L!
0010	1105424	CAP-0805 2400PF DC BLOCK 1M-20GHZ 50V XT DIELECTRIC LABORATORIES INC.	A0	EA C 08 BL BB1X5UX	2.000	AREL	04/24/2000	C!
0011	1110123	AMP-S089 SiGeHBT DC-3G .16A 5V 50Ohm-I/O STANFORD MICRO DEVICES	A0	EA SGA-6389TR (X)	4.000	AREL	05/12/2000	U!
0012	1110483	D/A CONV-SO28 14BIT 125MSPS CMOS 1.2REF Analog Devices Inc.	A0	EA AD9754AR	1.000	AREL	05/22/2000	U!
0013	1110506	CONV-QFP52 A/D 1.3W 65MSPS 14BIT REF T/H Analog Devices Inc.	A0	EA AD6644AST-65	1.000	AREL	05/22/2000	U!

RPT:ZCOSTBOM
2
DATE:06/07/2001 16:31:06

ADC
Bill of Materials

Comparison date
06/07/2001
Assembly P/N: 1135742 Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator							

No.	Manufacturer	Manufacturer Part
0014 1110585	MXR-MW6 LOFREQ.5-2.5G GAAS MMIC 500HMI/O Infineon	A0 EA CMY 210 2.000 AREL 05/22/2000 U!
0015 1110726	FLTR-1206 22000PF-20/50% 50V 300MA DCR.3 MURATA ELECTRONICS	A0 EA NFM3212R13C223RT1 15.000 AREL 05/31/2000 E! E! E!
0016 1110804	REG-SOT23 RFLDO 3.3V 1% 150MA RIPREJ85D IMPALA LINEAR CORPORATION	A0 EA ILC7082AIM5-33 12.000 AREL 05/30/2000 U! U!
0017 1110811	REG-SOT23 RFLDO +5.0V 150MA RIPREJ85DB IMPALA LINEAR CORPORATION	A0 EA ILC7082AIM5-50 8.000 AREL 05/30/2000 U!
0018 1169977	CONN-PCB ENDLAUNCH SMA BLKHD J/R W/WSHR JOHNSON COMPONENTS, INC	A0 EA 142-0701-872 1.000 AREL 04/12/2001 J:
0019 1110845	SW-SOT23 SPST ANLG 2-12V OFF50ns/ON75ns Maxim	A0 EA MAX4501CUK-T 1.000 AREL 05/30/2000 U!
0020 1110857	RECT-SOD123 SCHOTTKYBARRIER PWR 0.5A 20V MOTOROLA SEMICONDUCTOR	A0 EA MBR0520LT(X) 1.000 AREL 05/30/2000 D'
0021 1110860	CHOKE-1210 10UH 10% SRF26-50M .45A DCR.3 MURATA ELECTRONICS	A0 EA LQH3C100K24 4.000 AREL 05/30/2000 L!
0022 1111083	XCVR-SFF 2X5 1.0625GBIT/SEC 3.3V LC CONN FINISAR CORP. STRATOS LIGHTWAVE LLC	A0 EA FTRJ-8519-1 MLC-25-4E-1-TL 1.000 AREL 06/13/2000 U!
0023 1111225	XMTR-QFP64 SMPLX CIMT-ENC/DEC 3.3V 1.4GB AGILENT TECHNOLOGIES	A0 EA HDMP-1032 1.000 AREL 06/13/2000 U!
0024 1111227	RCVR-QFP64 SMPLX CIMT-ENC/DEC 3.3V 1.4GB AGILENT TECHNOLOGIES	A0 EA HDMP-1034 1.000 AREL 06/13/2000 U!

0025	1111505	XSTR-SSOT6 N-CHAN FET DMOS LOGIC LVL ENH FAIRCHILD (old National Semi)	A0	EA NDC651N	1.000	AREL	06/13/2000	Q
0026	1111519	AMP-SOT23 OP HI SPD LODIST 70MHZ GAINBW NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LM7131BCM5	1.000	AREL	06/13/2000	U
0027	1111749	XFMR-SMT RATIO1:00 1.5-500MHZ 0.25W 30MA MINI-CIRCUITS	A0	EA TCM1-6T	4.000	AREL	06/15/2000	T

RPT:ZCOSTBOM
3

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer		Manufacturer Part				
No.								
0028	1111763	XFMR-SMT RATIO16:00 40-300MHZ 0.25W 30MA MINI-CIRCUITS	A0	EA TX16-R3T	1.000	AREL	06/15/2000	T
0029	1111764	RECT-369A SCHOTTKY BARR 3A/60V FASTSW XT MOTOROLA SEMICONDUCTOR	A0	EA MBRD360	3.000	AREL	06/15/2000	D
0030	1111771	REG-SO24 SWITCH 1A ADJ STEPDOWN 52KHZ OSC NATIONAL SEMICONDUCTOR CORPORATION	A0	EA LM2575HVM-ADJ	3.000	AREL	06/15/2000	U
0031	1112597	HDR-SMT 1X6VERT .32POST .1SPACE NONPOLAR	A0	EA	1.000	AREL	06/15/2000	J

SAMTEC

TSM-106-02-T-SV

0032	1112640	PHONEJACK-PCB MT RT ANGLE 8P8C RJ45 LEOCO (U.S.A.) CORPORATION	A0	EA 7621-0808Z1	1.000	AREL	06/28/2000	J:
0033	1112844	CAP-SMT 1000UF 10V 20% LOW ESR 12.5X16.5 PANASONIC FACTORY AUTOMATION	A0	EA EEVFC1A102LQ	3.000	AREL	06/28/2000	C:
0034	1112846	CAP-SMT 100UF 63V 20% LOW ESR 12.5 X 16. PANASONIC FACTORY AUTOMATION	A0	EA EEVFC1J101Q	3.000	AREL	06/28/2000	C:
0035	1112858	SW-SMT 5 POS SPST LO PROF DIP 100MA/50V C&K COMPONENTS INC	A0	EA SD05H0SK	1.000	AREL	06/28/2000	SI
0036	1113071	RF SHIELD/COVER SET 26MM SQUARE BRI-TIN Laird Technologies -C/O Arkco Sales	A0	EA 1113071	9.000	AREL	07/21/2000	SI
0037	1113134	REG-S08 ADJ LDO 500MA DMOS LO NOISE BURR-BROWN 30067 BUR	A0	EA REG103UA-A	1.000	AREL	06/28/2000	U:
0038	1113138	REG-S08 3.3V LDO 500MA DMOS LO NOISE BURR-BROWN 30067 BUR	A0	EA REG103UA-3.3	2.000	AREL	06/28/2000	U:
0039	1113139	REG-S08 5.0V LDO 500MA DMOS LO NOISE BURR-BROWN 30067 BUR	A0	EA REG103UA-5	1.000	AREL	06/28/2000	U:
0040	1114069	CAP-3216 TANT 4.7UF 10% 16V NIC 33536 NIC	A0	EA NTC-T475K16TRA	67.000	AREL	06/28/2000	C: C: C: C: C: C:

RPT:ZCOSTBOM

4

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
0041	1114070	CAP-3528 TANT 10UF 10% 16V NIC 33536 NIC	A0	EA NTC-T106K16TRB	3.000	AREL	06/28/2000	C:
0042	1114185	CAP-1206 0.47UF X7R 10% 25V PANASONIC FACTORY AUTOMATION	A0	EA ECJ-3VB1E474K	1.000	AREL	06/08/2000	C:
0043	1114187	CAP-1206 0.33UF X7R 10% 16V PANASONIC FACTORY AUTOMATION	A0	EA ECJ-3VB1C334K	2.000	AREL	06/08/2000	C:
0044	1114384	IND-1008 10UH 5% QMIN25 SRF32M DCR3.5 PANASONIC FACTORY AUTOMATION	A0	EA ELJFC100JF	1.000	AREL	06/08/2000	L:
0045	1114398	IND-1008 470NH 5% QMIN10 SRF160M DCR1.58 PANASONIC FACTORY AUTOMATION	A0	EA ELJNCR47JF	7.000	AREL	06/08/2000	L:
0046	1115975	LED-LEADED RA TRICOLOR(R/G/A) T13/4(5MM) CHICAGO MINIATURE LAMP, INC	A0	EA 5305H1/5	1.000	AREL	08/24/2000	L:
0047	1116315	XSTR-SOT23 NPN GEN PUR AMP/SWITCH FAIRCHILD (old National Semi)	A0	EA MMBT3904	6.000	AREL	09/19/2000	Q:

0048	1116318	XSTR-SOT23 PNP GEN PUR AMP/SWITCH FAIRCHILD (old National Semi)	A0	EA MMBT3906	7.000	AREL	09/19/2000	Q!
0049	1116328	DIODE-SOT23 RF SCHOTTKY BARR SERIES DUAL AGILENT TECHNOLOGIES	A0	EA HSMS-2822	2.000	AREL	09/05/2000	D!
0050	1116643	IND-0603 6.8NH 5% QMIN9 QTYP36 SRF3.55GH PANASONIC FACTORY AUTOMATION	A0	EA ELJRE6N8JF2	1.000	AREL	07/27/2000	L!
0051	1116651	IND-0603 1.8N+/- .3N QMIN8 QTYP45 SRF6GHZ PANASONIC FACTORY AUTOMATION	A0	EA ELJRE1N8DF2	3.000	AREL	07/27/2000	L!
0052	1116653	IND-0603 3.3N+/- .3N QMIN9 QTYP35 SRF5.5G PANASONIC FACTORY AUTOMATION	A0	EA ELJRE3N3DF2	1.000	AREL	07/27/2000	L!
0054	1116746	LED-SOT23 RED 635NM 140DEG REVPOLAR 5MCD LUMEX OPTO COMPONENTS	A0	EA SSL-LX15IC-RP-TR	2.000	AREL	09/05/2000	D!
0055	1116895	SYN-SSOP16 PLL FREQ 2.5GHZ PRESCALE SERL FUJITSU COMPOUND SEMICONDUCTOR	A0	EA MB15E07SLPFV1	1.000	AREL	09/05/2000	U!

RPT:ZCOSTBOM

5

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
No.		Manufacturer					Manufacturer Part

0056	1116897	ZENER-SMB 58V 600W TRANS VOLT SUPPRESSOR On Semiconductor	A0	EA 1SMB58AT3	1.000	AREL	09/05/2000	D:
0057	1117105	FLTR-1206 FERRITEBEAD EMI 50OHM IMP@100M MURATA ELECTRONICS	A0	EA BLM31P500SPT	17.000	AREL	09/05/2000	E! E!
0058	1117185	IND-PCMT BUCK 750UH 6% 1.0ADC DCR0.7MAX SCHOTT CORPORATION	A0	EA 37065	3.000	AREL	08/24/2000	T:
0059	1117511	RES-0603 30.1 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060330R1F	9.000	AREL	07/31/2000	R: R:
0060	1117514	RES-0603 22.1K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032212F	1.000	AREL	07/31/2000	R:
0061	1117547	RES-0603 40.2K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034022F	1.000	AREL	07/31/2000	R:
0062	1117562	RES-0603 10.0 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060310R0F	1.000	AREL	07/31/2000	R:
0063	1117564	RES-0603 47.5K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034752F	17.000	AREL	07/31/2000	R: R: R:
0064	1117571	RES-0603 6.81K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036811F	4.000	AREL	07/31/2000	R:
0065	1117574	RES-0603 68.1K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036812F	1.000	AREL	07/31/2000	R:
0066	1117580	RES-0603 1.00K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031001F	7.000	AREL	07/31/2000	R:
0067	1117586	RES-0603 110 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031100F	1.000	AREL	07/31/2000	R:

0068	1117589	RES-0603 412 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034120F	2.000	AREL	07/31/2000	R:
0069	1117592	RES-0603 1.10K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031101F	1.000	AREL	07/31/2000	R:

RPT:ZCOSTBOM
6
DATE:06/07/2001 16:31:06

ADC
Bill of Materials

Comparison date
06/07/2001
Assembly P/N: 1135742 Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator	Manufacturer		Manufacturer Part					
No.								
0070	1117593	RES-0603 121K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031213F	1.000	AREL	07/31/2000	R:
0071	1117623	RES-0603 4.22K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034221F	1.000	AREL	07/31/2000	R:
0072	1117761	RES-0603 17.8 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060317R8F	6.000	AREL	07/31/2000	R:
0073	1117762	RES-0603 301 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06033010F	10.000	AREL	07/31/2000	R: R:
0074	1117765	RES-0603 22.1 OHM 1% THK FLM 0.063W 50V	A0	EA	1.000	AREL	07/31/2000	R:

VISHAY/DALE ELECTRONICS, INC

CRCW060322R1F

0075	1117804	RES-0603 121 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031210F	16.000	AREL	07/31/2000	R! R! R!
0077	1117808	RES-0603 4.99K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06034991F	8.000	AREL	07/31/2000	R!
0078	1117809	RES-0603 11.0K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031102F	2.000	AREL	07/31/2000	R!
0079	1117811	RES-0603 2.00K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032001F	4.000	AREL	07/31/2000	R!
0080	1117818	RES-0603 6.98K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036981F	1.000	AREL	07/31/2000	R!
0081	1117825	RES-0603 140 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031400F	2.000	AREL	07/31/2000	R!
0082	1117828	RES-0603 10.0K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031002F	8.000	AREL	07/31/2000	R!
0083	1117842	RES-0603 8.06K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06038061F	1.000	AREL	07/31/2000	R!
0084	1117846	RES-0603 16.2K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031622F	1.000	AREL	07/31/2000	R!
0085	1117848	RES-0603 32.4K 1% THK FLM 0.063W 50V	A0	EA	1.000	AREL	07/31/2000	R!

RPT:ZCOSTBOM

7

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer		Manufacturer Part				
No.								
		VISHAY/DALE ELECTRONICS, INC		CRCW06033242F				
0086	1117849	RES-0603 64.9K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036492F	1.000	AREL	07/31/2000	R:
0087	1117850	RES-0603 68.1 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060368R1F	16.000	AREL	07/31/2000	R: R: R:
0088	1117871	RES-0603 80.6 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060380R6F	10.000	AREL	07/31/2000	R: R:
0089	1118142	IND-0805 39NH 2% QMIN60 SRF2.0GHZ DCR.29 COILCRAFT INC	A0	EA 0805CS-390 XGBC	11.000	AREL	08/28/2000	L: L:
0090	1118180	IND-0805 47NH2% QMIN60 SRF1.65GHZ DCR.31 COILCRAFT INC	A0	EA 0805CS-470 XGBC	1.000	AREL	08/28/2000	L:
0092	1118342	IND-0805 82NH 2% QMIN65 SRF1.3GHZ DCR.42 COILCRAFT INC	A0	EA 0805CS-820 XGBC	2.000	AREL	08/28/2000	L:
0094	1118416	IND-0805 150NH2% QMIN50 SRF.92GHZ DCR.56 COILCRAFT INC	A0	EA 0805CS-151 XGBC	1.000	AREL	08/28/2000	L:
0095	1118424	IND-0805 180NH2% QMIN50 SRF.87GHZ DCR.64 COILCRAFT INC	A0	EA 0805CS-181 XGBC	2.000	AREL	08/28/2000	L:

0102	1119572	CAP-0603 4700PF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA NMC0603X7R 472J50TR	1.000	AREL	08/28/2000	C!
0103	1119684	CAP-0603 0.01UF X7R 50V 5% NIC COMPONENTS CORP.	A0	EA NMC0603X7R 103J50TR	19.000	AREL	08/28/2000	C! C! C!
0104	1119766	CAP-0805 0.1UF X7R 50V 10% NIC COMPONENTS CORP.	A0	EA NMC0805X7R 104K50TR	76.000	AREL	08/30/2000	C! C! C! C! C! C! C! C!
0105	1119791	CAP-1206 1.0UF X7R 16V 10% NIC COMPONENTS CORP.	A0	EA NMC1206X7R 105K16TR	20.000	AREL	08/29/2000	C! C! C!
0106	1119896	CAP-0603 2.2PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA NMC0603NPO2R2B50TR	2.000	AREL	08/28/2000	C!
0109	1119911	CAP-0603 6.8PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA NMC0603NPO6R8B50TR	2.000	AREL	08/28/2000	C!
0110	1119913	CAP-0603 8.2PF NPO 50V +/-0.1PF NIC COMPONENTS CORP.	A0	EA NMC0603NPO8R2C50TR	13.000	AREL	08/28/2000	C! C!
0113	1119939	CAP-0603 18PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA NMC0603NPO 180G50TR	2.000	AREL	08/30/2000	C!
0114	1119940	CAP-0603 20PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA NMC0603NPO 200G50TR	2.000	AREL	08/30/2000	C!
0115	1119943	CAP-0603 22PF NPO 50V 2%	A0	EA	4.000	AREL	08/30/2000	C!

NIC COMPONENTS CORP.

NMC0603NPO 220G50TR

0117	1119946	CAP-0603 33PF NPO 50V 2%	A0	EA	6.000	AREL	08/30/2000	C:
------	---------	--------------------------	----	----	-------	------	------------	----

RPT:ZCOSTBOM

ADC

9

DATE:06/07/2001 16:31:06

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21

PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer	Manufacturer Part					
No.								

NIC COMPONENTS CORP.

NMC0603NPO 330G50TR

0118	1119973	CAP-0603 39PF NPO 50V 2%	A0	EA	2.000	AREL	08/30/2000	C:
------	---------	--------------------------	----	----	-------	------	------------	----

NIC COMPONENTS CORP.

NMC0603NPO 390G50TR

0119	1119998	CAP-0603 68PF NPO 50V 2%	A0	EA	1.000	AREL	08/30/2000	C:
------	---------	--------------------------	----	----	-------	------	------------	----

NIC COMPONENTS CORP.

NMC0603NPO 680G50TR

0120	1120010	CAP-0603 120PF NPO 50V 2%	A0	EA	2.000	AREL	08/30/2000	C:
------	---------	---------------------------	----	----	-------	------	------------	----

NIC COMPONENTS CORP.

NMC0603NPO 121G50TR

0121	1120072	CAP-0603 220PF NPO 50V 2%	A0	EA	4.000	AREL	08/30/2000	C:
------	---------	---------------------------	----	----	-------	------	------------	----

NIC COMPONENTS CORP.

NMC0603NPO 221G50TR

0122	1120075	CAP-0603 270PF NPO 50V 2%	A0	EA	4.000	AREL	08/30/2000	C:
------	---------	---------------------------	----	----	-------	------	------------	----

NIC COMPONENTS CORP.

NMC0603NPO 271G50TR

0124	1120089	CAP-0603 470PF NPO 50V 2% NIC COMPONENTS CORP.	A0	EA NMC0603NPO 471G50TR	11.000	AREL	08/30/2000	C!
0125	1120131	IND-1008 330NH 2% QMIN45 SRF570M DCR1.05 COILCRAFT INC	A0	EA 1008CS-331 XGBC	2.000	AREL	08/28/2000	L!
0127	1120262	RES-0603 49.9 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060349R9F	6.000	AREL	08/30/2000	R!
0128	1120264	RES-0603 3.92K 1% THK FILM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06033921F	1.000	AREL	08/30/2000	R!
0129	1120270	RES-0603 237K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032373F	9.000	AREL	08/30/2000	R! R!
0130	1120392	CAP-0805 0.01UF X7R 100V 10% NIC COMPONENTS CORP.	A0	EA NMC0805X7R 103K100TR	4.000	AREL	08/30/2000	C!
0131	1120497	FLTR-1206 470PF-20/+50% 50V 300MA DCR0.3 MURATA ELECTRONICS	A0	EA NFM3212R13C471R	15.000	AREL	08/30/2000	E! E! E!
0132	1121155	AMP-SOT89 GAINBLOK50OHM NF4.4 ICP3/37dB EIC Semiconductor	A0	EA EC-1078	4.000	AREL	08/31/2000	U!
0134	1121964	RES-0603 200 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06032000F	5.000	AREL	08/24/2000	R!

RPT:ZCOSTBOM
10
DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date
06/07/2001

Assembly P/N: 1135742

Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer		Manufacturer Part				
No.								
0135	1105392	RES-0603 0 (ZERO)OHM JUMPER THK FILM VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW0603000	2.000	AREL	04/13/2000	L!
0136	1122127	IND-0603 2.7NH+/- .2NH QMIN8 SRF6G DCR.10 PANASONIC FACTORY AUTOMATION	A0	EA ELJRE2N7ZF2	1.000	AREL	08/30/2000	L!
0137	1122133	IND-0603 4.7NH+/- .2 QMIN9 SRF4.8G DCR.17 PANASONIC FACTORY AUTOMATION	A0	EA ELJRE4N7ZF2	3.000	AREL	08/30/2000	L!
0139	1122192	IND-0603 15NH 2% QMIN10 SRF2.5GHZ DCR.41 PANASONIC FACTORY AUTOMATION	A0	EA ELJRE15NGF2	4.000	AREL	08/30/2000	L!
0140	1122696	XTAL-SMD 9.216M FUND 50PPM LOADCAP20PF ECS	A0	EA ECS-92.1-20-5P-TR	1.000	AREL	08/24/2000	Y!
0141	1122920	RES-0603 1 MEG 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031004F	1.000	AREL	08/24/2000	R!
0142	1122957	FLTR-SMD BPVAR1DB FO161.5M BW25M IL25DB SAWTEK SAWTEK INC	A0	EA 855886 1122957	2.000	AREL	08/28/2000	U!
0143	1123396	CONV-SOT23-5 INV DC/DC 1.2MHZ 16VINMAX LINEAR TECHNOLOGY	A0	EA LT1931ES5	1.000	AREL	08/24/2000	U!
0144	1128289	CAP-0603 3PF +/-0.25PF NPO 50V PANASONIC COMPANY PANASONIC FACTORY AUTOMATION	A0	EA ECJ1VC1H030C ECU V1H030CCV	5.000	AREL	09/06/2000	C!
0145	1128302	CAP-0603 4PF +/-0.25PF NPO 50V	A0	EA	3.000	AREL	09/06/2000	C!

PANASONIC COMPANY
 PANASONIC FACTORY AUTOMATION

ECH1VC1H04C
 ECU V1H040CCV

0146	1128305	CAP-0603 5PF +/-0.25PF NPO 50V PANASONIC FACTORY AUTOMATION	A0	EA ECU V1H050CCV	1.000	AREL	09/06/2000	C!
0147	1128346	RES-1206 1.5 OHM 5% 250MW NIC COMPONENTS	A0	EA NRC12J1R5TR	4.000	AREL	09/06/2000	R!
0148	1128365	DIODE-SOT23 30V ZENER 350MW 2MA VISHAY/DALE ELECTRONICS, INC	A0	EA BZX84C30	1.000	AREL	09/06/2000	D!
0149	1128875	IND-1210 68UH 10% QMIN30 SRF15MHZ DCR9.0	A0	EA	1.000	AREL	09/06/2000	L!

RPT:ZCOSTBOM
 11
 DATE:06/07/2001 16:31:06

ADC
 Bill of Materials

Comparison date
 06/07/2001

Assembly P/N: 1135742 Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer	Manufacturer Part					
No.								
		PANASONIC FACTORY AUTOMATION		ELJFA680KF				
0150	1128881	IND-1210 100UH 10% QMIN20 SRF10MHZ DCR10 PANASONIC FACTORY AUTOMATION	A0	EA ELJFA101KF	1.000	AREL	09/06/2000	L!
0151	1129291	BUFFER-SOIC8 1:4CLOCK CMOS 160MHZ NOINV ICS	A0	EA ICS551M	1.000	AREL	09/11/2000	U!

0152	1175653	PROGRAMMED UCNTLR - 1900MHZ DRU	11	EA	1.000		05/16/2001	U!
0153	1129708	PROGRAMMED GAL-DIVIDE BY 2	A1	EA	1.000	AREL	04/14/2001	U'
0154	1129709	PROGRAMMED GAL-DIVIDE BY 8	A1	EA	1.000	AREL	04/14/2001	U!
0155	1130298	RES-0603 681 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06036810F	1.000	AREL	09/15/2000	R!
0156	1132189	RES-0603 29.4K 1% THK FLM 0.063W 50V DALE/VISHAY	A0	EA CRCW06032942F	1.000	AREL	09/27/2000	R:
0158	1135712	PROGRAMMED CPLD - GUPPY BUFFER	A1	EA	1.000	AREL	04/14/2001	U!
0159	1136341	AMP-PSOP8 GAAS HBT 1.8-2.5GHZ 1.3W 12DB RF Micro Devices, Inc.	A0	EA RF2126	1.000	AREL	10/21/2000	U!
0161	1136345	AMP-SO8 GAAS MMIC 1.4DBNF 1.4-2GHZ 14DB M/A-COM	A0	EA AM50-0004	1.000	AREL	10/21/2000	U!
0162	1136373	ATTN-SO8 VARI 30DB 1.7-2GHZ HIP3 +50DB Alpha Industries	A0	EA AV102-12	1.000	AREL	10/21/2000	U!
0163	1136443	FLTR-SMT6 50OHM RX1960MHZ IL2.1DB 20MW SAWTEK INC	A0	EA 855817	1.000	AREL	10/21/2000	U!
0164	1136447	FLTR-SMT6 SAW TX CF1.88GHZ BW60MHZ FUJITSU COMPOUND SEMICONDUCTOR	A0	EA FAR-F6CE-1G8800-L2XA-?	1.000	AREL	10/21/2000	U!
0165	1136509	DUP-SMT9 RX1930-1990/TX1850-1910 1WATT Agilent Technologies	A0	EA HPMD-7903	1.000	AREL	10/21/2000	U!
0166	1136607	SYN-MLP28 DUAL RF.75-1.8GHZ (NO IF SYN) Silicon Laboratories	A0	EA SI4113-BM	2.000	AREL	10/21/2000	U!
0168	1146010	TRIM-SMD 4MMSQ 5K 5TURN TOPADJ SEALED	A0	EA	1.000	AREL	12/07/2000	R:

RPT:ZCOSTBOM
 12
 DATE:06/07/2001 16:31:06

ADC
 Bill of Materials

Comparison date
 06/07/2001
 Assembly P/N: 1135742 Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY Plant: 0310 BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date	
Designator		Manufacturer	Manufacturer Part					
No.								
		BOURNS		3214W-1-502				
0169	1151671	SW-SMT DIP 2 POS SPST LOW PROF SEALED C&K	A0	EA SD02H0SK	1.000	AREL	03/05/2001	ST
0170	1151713	RES-2512 56.0 OHM 5% 1WATT THK FLM PANASONIC FACTORY AUTOMATION	A0	EA ERJ1WYJ560U	2.000	AREL	01/30/2001	R
0171	1152376	CAP-0603 1200PF DC BLOCK 10M-30GHZ 50VXT DIELECTRIC LABORATORIES INC.	A0	EA C06BLBB2X5UX	6.000	AREL	03/05/2001	C
0173	1156298	AMP-SO6 MMIC 2.6GHz 5V 20dB +3dBpo 50OHM NEC	A0	EA UPC2712TB	2.000	AREL	02/05/2001	U'
0174	21.0077	FET-SMT MOS P-CHAN ENHANC 1.5W INTERNATIONAL RECTIFIER INTERNATIONAL RECTIFIER CORP.	A0	EA IRFR5305 IRFR5305	1.000	AREL	02/25/2000	Q:
0175	21.0031	MXR-PLCC20 ACTIVE LOW DIST 831 ANALOG DEV	A0	EA AD831AP	2.000	AREL	01/02/1999	U.
0176	23.0039	RES-0603 1/16W 1% 1.62K		EA	1.000	AREL	00/00/0000	R:

VISHAY/DALE ELECTRONICS, INC

CRCW06031621F

0177	24.0306	XFMR-SMT RF IR16 MINI-CIRCUITS	1.5-160MHZ	A0	EA ADT16-1T	1.000	AREL	01/02/1999	T:
0180	1151680	RES-1210 10.0 OHM 1% 0.25W THK FLM Panasonic Factory Automation		A0	EA ERJ14NF10R0U	4.000	AREL	02/06/2001	R:
0190	1167569	CAP-0402 8PF +/-0.5PF NPO 50V CERAMIC Panasonic Factory Automation		A0	EA ECJ0EC1H080D	10.000	AREL	04/09/2001	C: C:
0200	1117543	RES-0603 4.75K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC		A0	EA CRCW06034751F	1.000	AREL	07/31/2000	R:
0210	1118432	IND-0805 220NH2% QMIN50 SRF.85GHZ DCR.70 COILCRAFT INC		A0	EA 0805CS-221 XGBC	1.000	AREL	08/28/2000	L'
0220	1119986	CAP-0603 56PF NPO 50V 2% NIC COMPONENTS CORP.		A0	EA NMC0603NPO 560G50TR	2.000	AREL	08/30/2000	C:
0230	1120153	IND-1008 680NH 2% QMIN45 SRF375M DCR1.47 COILCRAFT INC		A0	EA 1008CS-681 XGBC	1.000	AREL	08/28/2000	L:

RPT:ZCOSTBOM

13

DATE:06/07/2001 16:31:06

ADC

Bill of Materials

Comparison date

06/07/2001

Assembly P/N: 1135742

Rev: 21 PCB ASSY-1900 DRU REMOTE BOARD GUPPY

Plant: 0310

BOM Usage: Production

Item #	ADC Part Number	Material Description	Rev	Unit	Quantity	Rel.Stat	Eff. Date
Designator		Manufacturer	Manufacturer Part				

No.

0240	1121965	RES-0603 35.7 OHM 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW060335R7F	1.000	AREL	08/24/2000	R:
0260	24.0146	IND-1008 5% COILCRAFT	22N	EA 1008CS-220XJBC	1.000	AREL	00/00/0000	L:
0270	1170555	IND-0402 1.5NH+/- .3NH QMIN8 QTY21 SRF6M Panasonic Factory Automation	A0	EA ELJRF1N5DF	1.000	AREL	04/25/2001	L:
0290	1147186	uP V SUPERVISOR-SOT23-5 THRES4.63/2.93V MAXIM INTEGRATED PRODUCTS INC.	A0	EA MAX6352LSUK-T	1.000	AREL	01/31/2001	U:
0300	1131177	RES-0603 100K 1% THK FLM 0.063W 50V VISHAY/DALE ELECTRONICS, INC	A0	EA CRCW06031003F	1.000	AREL	09/21/2000	R:

Tel: 952.946.3330
Fax: 952.946.3344



June 11, 2001

TCB
BABT Product Service
4855 Patrick Henry Drive, Building 6
Santa Clara, CA 95054

Re: Tune-up Procedure

The ADC Digivance 1900 MHz ICS System Model DGVI-312110DHU and DGVI-313110DRU employ a solid-state design that does not require a tune-up procedure.

Sincerely,

A handwritten signature in black ink that reads 'Dave Conyers'. The signature is written in a cursive style with a long horizontal line extending to the right.

Dave Conyers
Vice President of Engineering
Tele: 952 233-6411
Fax: 952 233-6389