

99-010-3305 - A21-2 AMP SPIDER IV 30 US 120V

Level	Item	Part Number	Qty	UOM	Refdes	Find	Rev	Description
1	1	21-37-1160	1	EA				CBL_PWR UL/CSA SJT 8.2FT BLK E L-302 w/GND EL70
1	2	40-00-0095	1	EA		A		INSERT SPIDER IV 30 COLLATERALS A21-2
1	3	40-00-0190	1	EA		E		MANUAL USER SPIDER IV 30 A21-2
1	4	40-00-1000	1	EA		H		CARD WARRANTY LINE 6
1	5	40-01-0016	1	EA		C		CARD LICENSE-AGREEMNT END-USER ALL-PRODUCTS
1	6	40-03-0031	1	EA		B		CARD REGISTRATION UK
1	7	40-03-2000	1	EA		F		CARD REGISTRATION US
1	8	40-03-2000-1	1	EA		A		CARD REGISTRATION EUROPE
1	9	40-10-0108	8	EA		A		PROTECTOR CORNER CARTON SPIDER2-1508/3012
1	10	40-10-0118	1	EA		A		INSERT HNDL-PROTEC 485mm x 260 mm X 3mm SPIDER2-3012
1	11	40-10-0255	1	EA		XO		CARTON GIFT SPIDER IV-30 A21-2
1	12	40-10-0293	1	EA		A		BOX MASTER-CARTON SPIDER 4 A21-2 3012
1	13	40-10-0313	0.5			A		INSERT SEPARATOR 2 PACK 495MM X 475 MM X 3MM SPIDER4-3012
1	14	40-10-0314	1			A		INSERT TOP BOTTOM 2 PACK 495MM X 530 MM X 3MM SPIDER4-3012
1	15	40-15-0022	3	EA				SIUCA GEL PACK 3.0" x 3.5"
1	16	40-15-0023	1	EA				ANTISEPTIC PACK (5g/package)
1	17	40-20-0011	1	EA		A		BAG PLASTIC 10 x 15 2 mil
1	18	40-20-2525	1	EA		A		BAG PLASTIC 25" x 25" 4-MIL
1	19	40-25-0020	1	EA		A		LABEL INSPECTION QUALITY
1	20	40-25-0024	1	EA		B		STICKER ART SEAL EUIA
1	21	40-25-0100	1	EA				LABEL BAR CODE SERIAL NUMBER 4-PANEL LABEL
1	22	40-25-0130	1	EA		A		STICKER SPEAKER-GRILL PROMO SPIDER IV-30 A21-2
1	23	59-00-0046-2	1	EA		D		ASSY UNIT COMPLETE SPIDER IV- 30 A21-2 JA US
2	1	11-20-0006	1	EA				1 SPEAKER 12" 4 OHM 50W/CH-CONE
3	1	40-25-0057	1			A		LABEL SPEAKER 12-IN 4-OHM CELESTION G12E-50 (11-20-0006)
2	2	30-00-0015	4	EA				SCREW 10-24 UNC x 1.000" TRUSS-HD BLACK-OXIDE
2	3	30-00-0402	1	EA				SCREW #4 x 1/2IN SEMS w/EXT. TOOTH WASHER STL/ZINC
2	4	30-00-0676	4	EA				SCREW WOOD NO.6 x 3/4" PHIL OVAL HD BLK
2	5	30-00-1129	4	EA				SCREW 10-32 x 1-1/4 OVAL CTSK PB STL w/PILOT TIP
2	6	30-03-0035	4	EA				WASHER #10 SPLIT LK WASH ZINC
2	7	30-03-0112	12	EA				WASHER FINISHING #10 FLANGED STL BLK OXIDE
2	8	30-03-1010	4	EA				WASHER #10 FLAT .20-.25 ID, .45-.55 OD, .04-.05 THK ZINC
2	9	30-27-0379	1	EA		A		LOGO FRAME X:X X:X X :XX ABS S BLK W/SILVER MTLTLC FILM A21-2
2	10	40-25-0217	1	EA		A		LABEL ETL SPIDER IV 30 LONGJOIN 2"X 1"
2	11	50-03-0059	1	EA		H		ASSY CABINET SPIDER IV-30 A21-2
3	1	30-00-0812	16	EA				SCREW w/WAX 8 x 3/4 PTB
3	2	30-00-0858	4	EA				SCREW #8 x 5/8IN PHIL-TRUSS BLACK w/WAX
3	3	30-00-1024	2	EA				SCREW 10-24 x .1IN OVAL CTSK PPB STL WAXED
3	4	30-00-8112	14	EA				SCREW WOOD #8 x 1.1/2" OVAL PH H STL BLK OXIDE
3	5	30-03-0112	2	EA				WASHER FINISHING #10 FLANGED STL BLK OXIDE
3	6	30-06-1024	6	EA				NUT-T 10-24 X 5/16 STEEL
3	7	30-27-0351-1	1	EA		C		CORNER FRONT RT 4.0 X 3.6 X .90 BLK PLASTIC A21
3	8	30-27-0351-2	1	EA		C		CORNER FRONT LEFT 4.0 X 3.6 X .90 BLK PLASTIC A21
3	9	30-27-0352	6	EA		B		CORNER SMALL 1.3 X 1.3 X 1.3 PLASTIC A21
3	10	30-36-0005	1	EA		A		COVER VINYL TEXTURED BLACK SEMI GLOSS
3	11	30-39-0013	1	EA				GRILL CLOTH BLACK SPIDERS

3	12	30-51-0387	1	EA	A	TONE BAR 16.5 X 1.4 X .72 EGS STL SPIDER VI A21-2
3	13	30-57-0580	1	EA	A	HANDLE STRAP HEAVY DUTY BLACK
3	14	30-57-0581	2	EA	A	ENDCAPS BLACK TEXTURED FINISH
3	15	40-25-0083	1	EA	A	4 STICKER CARB WOOD CABINET
2	12	50-04-0071-2	1	EA	B	ASSY E/M CHASSIS SPIDER IV-15 A21-2 JA US
3	1	11-30-0013	1	EA	A	XFMR 100/120VAC 16.5VAC x 2 / 7.2VAC SPIDER2-3012
3	2	24-15-0002	1	EA	A	FUSE 1A 250V 5MM x 20mm FRNT
3	3	50-04-0071	1	EA	C	ASSY E/M CHASSIS COMMON-PARTS SPIDER IV-30 A21-2
4	1	21-34-0055-2	1	EA	B	CBL ASSY 2 PIN 11" LG
4	2	21-34-1015	1	EA	A	CBL FSTN .187-RCPT/250-F FLAG 1-COND .161.34MM STRND 18AWG BK
4	3	21-34-9036	1	EA	A	CABLE ASSEMBLY - 12 PIN 22 AWG
4	4	24-24-0002	1	EA	A	SWITCH POWER ROCKER PNL MNT M R21S
4	5	30-00-0043	6	EA	A	SCREW 6-32 X 5/16 LG WITH LOCK WASHER PHIL PAN ZINC-PLATED STEEL
4	6	30-00-0402	1	EA	A	SCREW #4 x 1/2IN SEMS w/EXT. TOOTH WASHER STL/ZNC
4	7	30-00-0606	4	EA	A	SCREW 6-32 x 7/16 w/LK WASHER STL PPB
4	8	30-00-0610	1	EA	A	SCREW 6-32 x 5/8 IN PPZ STL ZINC w/LOCK WASHER
4	9	30-03-0400	1	EA	A	WASHER #4 SPLIT LOCKWASHER ZINC
4	10	30-03-0425	1	EA	A	WASHER #4 0.125" ID x .233" OD .018 HEIGHT ZINC PLATE
4	11	30-06-0440	1	EA	A	NUT HEX .242 4-40 STL/ZNC
4	12	30-06-0832	4	EA	A	NUT .335 HEX 8-32 STL ZINC W/ TOOTH WASHER
4	13	30-15-0404	1	EA	A	SHOULDER BUSHING TO-220
4	14	30-15-4020	1	EA	A	SPACER .31 IN .164 IN .35 IN NYLON
4	15	30-24-0003	3	EA	A	CABLE TIE 4" CLEAR
4	16	30-27-0353	5	EA	E	BUTTON PLASTIC CLEAR W/CHROME TOP A21
4	17	30-42-0062	1	EA	E	OVERLAY UI 16.5 X 2.3 X .020 PC CLEAR SPIDER IV A21-2
5	1	41-00-0213	1	EA	D	ARTWORK SILKSCREEN FRONT PANEL SPIDER IV-30 A21-2
4	18	30-45-0023	10	EA	D	KNOB 0.77" DIA X 0.71" HT PLAS TIC CHROME PLATED A21
4	19	30-51-0388	1	EA	E	CHASSIS 16.5 X 5.9 X 3.3 ALUM SPIDER IV A21-2
5	1	41-00-0210	1	EA	D	ARTWORK SILKSCREEN CHASSIS REAR SPIDER IV-30 A21-2
4	20	30-63-0049-1	1	EA	B	FOAM W/ADHESIVE 1 SIDE 419MM X 6.35MM X 2MM A21-2
4	21	30-63-1550	2	EA	A	FOAM W/ADH. 15.50" x 0.25" x 0.06" VOLARAPOLOLEFIN
4	22	30-63-4003	1	EA	A	PAD THERMAL TO-220 TYPE: K6 BERG K6AC-58
4	23	30-75-9600	1	EA	A	GROMMET RUBBER 7/16-D x 1/16 GRV x 3/4" GRV-DIA BLACK
4	24	40-25-0148	1	EA	A	LABEL ETL RYDER 2"X 1" INTERTEK
4	25	50-00-0001	1	EA	A	ASSY RECEPTACLE-A/C W/GND WIRE SNAP-IN
5	1	21-14-0002	1		C	JACK IEC w/FUSE MALE 3 PIN PAN EL MOUNT SNAP IN VERT
5	2	21-34-1116	1		B	CBL EARTHING w/EYELET .16AWG 5" GREEN w/YELLOW STRIPE
4	26	50-02-0111	1	EA		PC3A MAIN-UI A21-2 SPIDER IV 30
5	1	01-24-1002	2	EA		RES 10.0K 1% 0805
5	2	01-24-1003	1	EA		RES 100K 1% 0805
5	3	01-24-1004	1	EA		RES 1.00M 1% 0805
5	4	01-24-10R0	1	EA		RES 10.0R 1% 0805
5	5	01-24-1332	4	EA		RES 13.3K 1% 0805
5	6	1/24/1912	2	EA		RES 19.1K 1% 0805
5	7	1/24/2002	2	EA		RES 20.0K 1% 0805
5	8	01-24-22R1	5	EA		RES 22.1R 1% 0805
5	9	01-24-26R7	5	EA		RES 26.7R 1% 0805
5	10	1/24/4750	1	EA		RES 475R 1% 0805
5	11	1/24/4751	12	EA		RES 4.75K 1% 0805

R38 R39
R46
R3
R70
R1 R2 R48 R49
R22 R23
R20 R21
R9 R10 R32 R33 R34
R6 R13 R15 R19 R29
R50
R4 R5 R12 R14 R18 R28 R31 R40 R41 R45 R51 R52

5	12	1/24/5492	1 EA	R44					RES 54.9K 1% 0805
5	13	01-24-5R11	2 EA	R25 R26					RES 5.11R 1% 0805
5	14	01-25-0000	1 EA	R36					RES OR 1% 0603
5	15	01-25-5R11	1 EA	R37					RES 5.11R 1% 0603
5	16	01-48-6103	10 EA	R11 R16 R17 R24 R30 R35 R42 R57 R58 R59					POT MONO 10KB LINEAR TAPER 25MM W/9MM NUT D-SHAFT
5	17	03-45-0332	1 EA	C79					CAP FILM 3.3nF 50V 5% 1206
5	18	03-50-0220	1 EA	C22					CAP NPO 22pF 50V 5% 0805
5	19	03-50-0330	1 EA	C23					CAP NPO 33pF 50V 5% 0805
5	20	03-50-0470	1 EA	C24					CAP NPO 47pF 50V 5% 0805
5	21	03-52-0104	37 EA	C2 C9 C11 C13 C21 C25 C27 C52 C53 C54 C55 C56 C57 C58 C59 C60 C61 C62 C63					CAP X7R 0.1uF 50V 10% 0805
5	22	03-52-0473	2 EA	C1 C30					CAP X7R 47nF 50V 10% 0805
5	23	03-80-0107	1 EA	C29					CAP ELEC 100uF 10V 20% SM 6.3/5.4/7.8
5	24	03-80-0108	1 EA	C8					CAP ELEC 1000uF 6.3V 20% SM 10/10.2/12
5	25	03-80-0476	1 EA	C33					CAP ELEC 47uF 10V 20% SM 5/5.4/6.5
5	26	03-82-0106	4 EA	C4 C5 C10 C12					CAP ELEC 10uF 16V 20% SM 4/5.4/5.5
5	27	03-88-0105	5 EA	C3 C6 C7 C14 C15					CAP ELEC 1uF 50V 20% VS SM
5	28	06-23-0054	2 EA	D2 D10					DIODE SCHOTTKY DUAL 30V 200mA 5nS SOT-23 SM
5	29	9/6/7002	5 EA	Q1 Q2 Q3 Q4 Q5					TRANS MOSFET N-CHAN 60V 7R5 SOT-23 SM
5	30	11-00-1201	1 EA	Y1					CRYSTAL 12MHZ SHORT CAN HC49 T H
5	31	12-54-0072	1 EA	U9					IC OP AMP DUAL TL072 SM
5	32	12-62-0053	1 EA	U12					IC SWITCH ANALOG TRIPLE 2-CHAN TSSOP-16 SM
5	33	12-64-4552	1 EA	U2					IC CONVERTER 3V 24 BIT 56KHz AUDIO CODEC AK4552 SM
5	34	15-52-0541	1 EA	U16					IC 74LVC541A LOW VOLT OCTAL BU FFER/DRIVER SOIC-20 SM
5	35	15-62-0014	1 EA	U6					IC 74HC14 HEX SCHMITT TRIGGER INVERTERS SO-14 SM
5	36	15-62-1009	1 EA	U8					IC 74HCU04 HI SPEED CMOS LOGIC HEX INVERTER TSSOP-14 SM
5	37	15-72-0001	1 EA	U7					IC SRAM 256K x 8 BIT TSOP32 SM
5	38	15-86-6362	1 EA	U10					IC DSP 24 BIT AUDIO DSP56362 TQFP-144 SM
5	39	18-00-0003	6 EA	D20 D21 D22 D23 D24 D28					LED RED CYLINDRICAL LAMP T-1.3 MM 627nm TH
5	40	18-06-0003	6 EA	D13 D14 D16 D17 D18 D19					LED RED/GRN CYLINDRICAL T-1.3M M 3-PIN COMI-CATH 627/565nm TH
5	41	18-22-0003	5 EA	D1 D4 D7 D8 D12					LED YELLOW SUPER BRIGHT 2MM x 1.25MM SM
5	42	21-18-0002	4 EA	BR2 BR3 BR4 BR5					TERMINAL SCREW PCB MOUNT RIGHT ANGLE SNAP-IN 6-32 THREAD
5	43	21-20-0018	1 EA	JP1_A					HEADER 12 PIN SIL 2.54MM MALE SHROUDED KEYPED VERTICLE TH
5	44	21-26-6376	1 EA	JP4					CABLE 12 2.54MM 90.0MM BARE-ENDS
5	45	21-26-6377	1 EA	JP3					CABLE RIBBON 10-PIN 24 AWG 2.54MM 65.0MM BARE-ENDS
5	46	24-31-1105	5 EA	SW1 SW2 SW3 SW4 SW5					SWITCH TACT 6MM SQ 4 PIN TH
5	47	30-27-0365	12 EA	FOR LED D13 D14 D16 D17 D18 D19 D20 D21 D22 D23 D24 D28					SPACER LED 0.2" DIA X 0.3" HIGH ABS BLK
5	48	35-00-0111	1 EA						PC3 MAIN UI A21-2 SPIDER IV 30
5	49	45-01-0056	1 EA	U3					IC PROGRAMMED MCU SPIDER IV 3012 V1.03 A21-2
6	1	15-84-0936	1 EA	U3					IC MCU 16KB FLASH P89LPC936 TS SOP-28 SM
5	50	45-02-0055	1 EA	U4					IC PROGRAMMED FLASH V1.00 SPIDER4-3012 A21-2
6	1	15-78-0005	1 EA	U4					IC FLASH 512Kb SPI SERIAL SOIC-8 SM
4	27	50-02-0337	1 EA						PC3A POWER SUPPLY A21-2 SPIDER IV 30
5	1	01-24-1000	3	R54 R61 R64					RES 100R 1% 0805
5	2	01-24-1002	2	R53 R55					RES 10.0K 1% 0805
5	3	01-24-1620	1	R63					RES 162R 1% 0805
5	4	03-10-0107	1	C37					CAP ELEC 100uF 10V 20% RADIAL 6.3/8/5
5	5	03-12-0107	2	C30 C34					CAP ELEC 100uF 16V 20% RADIAL 6.3/11/5
5	6	03-12-1338	1	C38					CAP ELEC 3300uF 16V 20% RADIAL 12.5/25/5

5	7	03-18-0106	2	C31-C32	CAP ELEC 10uF 50V 20% RADIAL 5/11/5
5	8	03-18-0228	2	C35-C36	CAP ELEC 2200uF 50V 20% RADIAL 16/31.5/7.5
5	9	03-52-0102	2	C50-C51	CAP X7R 1nF 50V 10% 0805
5	10	03-52-0104	1	C1	CAP X7R 0.1uF 50V 10% 0805
5	11	5/4/4002	8	D1-D4,D21-D24	DIODE SMALL-SIGNAL 100V 30A DO-41 AXIAL TH 1N4002
5	12	6/28/8410	2	D13-D14	DIODE ZENER 10V 5% 350mW SOT-2 3 SM
5	13	09-00-5401	1	Q4	TRANS PNP SMALL SIGNAL 2N5401 TH
5	14	09-00-5551	1	Q3	TRANS NPN SMALL SIGNAL 2N5551 TH
5	15	12-00-0317	1	U11	IC VREG ADJ 1.2V-37V 1.5 AMP TO-220 LM317 TH
5	16	21-20-1564	1	H4	HDR SIL PCB-MT 4 PIN x .156 MA LE VERT MINT FRIC LOCK
5	17	21-20-1565	1	H5	HDR SIL PCB-MT 5 PIN x .156 MA LE VERT MINT FRIC LOCK
5	18	21-30-0014	1		CBL SIL 7 PIN 22AWG 2.54MM x 7 6MM S/T
5	19	35-00-0112	1		PC3 POWER SUPPLY A21-2 SPIDER IV 30
4	28	50-02-0338	1	EA	PC3A POWER AMP A21-2 SPIDER IV 30
5	1	01-20-0R22	1	R51	RES METAL OXIDE 0.22R 2W 5% TH S/B 01-22-0R22
5	2	01-22-02R2	1	R52	RES METAL OXIDE 2.2R 2W 5% TH
5	3	1/24/3241	1	R2	RES 3.24K 1% 0805
5	4	1/24/3921	1	R43	RES 3.92K 1% 0805
5	5	1/24/7502	1	R46	RES 75.0K 1% 0805
5	6	03-18-0106	1	C21	CAP ELEC 10uF 50V 20% RADIAL 5/11/5
5	7	03-18-0107	2	C2	CAP ELEC 100uF 50V 20% 105C LOW Z 0.2R RADIAL 8/20/5
5	8	03-52-0104	3	C22 C24 C26	CAP X7R 0.1uF 50V 10% 0805
5	9	12/30/2050	1	U8	IC POWER AMP 32W TDA2050 TO-22 0/5 TH
5	10	35-00-0113	1		PC3 POWER AMP A21-2 SPIDER IV 30
4	29	50-02-0339	1	EA	PC3A HEADPHONE RJ45 A21-2 SPIDERIV
5	1	01-21-0102	2	R65-R66	RES METAL OXIDE 1K 1W 5% TH
5	2	01-24-1002	1	R43	RES 10.0K 1% 0805
5	3	03-52-0102	6	C39-C41,C44-C46	CAP X7R 1nF 50V 10% 0805
5	4	03-52-0104	2	C42-C43	CAP X7R 0.1uF 50V 10% 0805
5	5	06-34-0031	3	D25-D27	DIODE GEN PUR DUAL 120V 600mA 50ns SOT-23 SM
5	6	11/10/2012	7	L3-L7,L11-L12	FERRITE BEAD 600R@ 100MHz 300 mA 0805 SM
5	7	21-00-6616	1	J3	JACK 1/4" TRS PCB MOUNT 6 PIN HORIZONTAL TH
5	8	21-16-0045	1	J4	JACK RJ-45 MOD 8/8 RT/A FEMALE PCB 50AU
5	9	30-18-3030	2	GF2-GF3	CLIP GROUND PCB .30 x .30 x .07
5	10	35-00-0111-2	1		PC3 HEADPHONE RJ45 A21-2 SPIDER IV 30 REV B
4	30	50-02-0340	1	EA	PC3A GUITAR IN MP3 A21-2 SPIDER IV 30
5	1	01-24-1001	2	R47 R55	RES 1.00K 1% 0805
5	2	01-24-1004	1	R54	RES 1.00M 1% 0805
5	3	01-24-1502	1	R53	RES 15.0K 1% 0805
5	4	1/24/3321	1	R61	RES 3.32K 1% 0805
5	5	03-52-0100	2	C167-C168	CAP X7R 10pF 50V 10% 0805
5	6	03-52-0470	1	C28	CAP X7R 47pF 50V 10% 0805
5	7	03-52-0473	2	C32 C51	CAP X7R 47nF 50V 10% 0805
5	8	06-34-0031	1	D34	DIODE GEN PUR DUAL 120V 600mA 50ns SOT-23 SM
5	9	11/10/2012	3	L1-L2,L8	FERRITE BEAD 600R@ 100MHz 300 mA 0805 SM
5	10	12-54-0072	1	U14	IC OP AMP DUAL TL072 SM
5	11	21-00-6616	1	J1	JACK 1/4" TRS PCB MOUNT 6 PIN HORIZONTAL TH
5	12	21-12-0035	1	J2	JACK 3.5MM STEREO 5 PIN CRIMPE D LEADS NON-THREADED
5	13	21-18-0002	1	BR1	TERMINAL SCREW PCB MOUNT RIGHT ANGLE SNAP-IN 6-32 THREAD

CLIP GROUND PCB .30 x .30 x .07
PC3 GUITAR IN/VAM IN A21-2 SPIDER IV 30 REV B

C

GF4

1 1

14 30-18-3030
15 35-00-0111-1

5 5