

Group 4 Technology Ltd

Swan Manufacturing

MMERSPS

SINGLE LEVEL ASSEMBLY REPORT (WITH EXTENDED D

Part No. : 8000-5281-A

S675 PROX READER (AMAG)

Revision No. :

BOM Desc. : S675 PROX READER (AMAG)

Issue No. : B

Change Note : 7190

CARD + KEYPAD CG 20mA

Drawing No. : 8000-5280

			Description
Seq.No.	Component Part	Extended Text/Ref.	Component Reference
1	7000-5185-2	S674/5 BASE ASSY (AS/GY) 20MA	
2	7000-5190	S675 COVER ASSY CARD+CODE (CG)	
3	4000-4308	S675/7 ENCLOSURE BEZEL (FL/GY)	
4	LI	LABELLING INSTRUCTION	
		FCC LABEL REF: FCC-S674.LAB	
5	4000-4310	S674 PACKING INSERT	
6	LI	LABELLING INSTRUCTION	
		CONNECTOR LABEL REF: CON-S674.LAB	
7	4000-4131	S680 GROUP 4 LOGO LABEL	
9	2512-1325	SCREW PAN HD POSI M3x25 STZP	
10	4000-4312	S674/5 PACKING CARTON	
11	4000-4313	S674/5 POLY BAG 230x230 MM	
12	LI	LABELLING INSTRUCTION	
		PRODUCT LABEL REF: 8-5281-A.LAB	
13	LI	LABELLING INSTRUCTION	
		PACKING LABEL REF: 8-5281-A.LAB	
		AMAG LOGO	
		EAGLE REF: "675-CG"	
		"CN7190"	
14	9600-0251	S674/5/6/7 INST/USER INSTRUCT.	
15	LI	LABELLING INSTRUCTION	
		UK RADIO LABEL REF: UKLABEL.LAB	

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S674/5 BASE ASSY (AS/GY) 20MA

Revision No. :

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Change Note : 7190

Drawing No. : 7000-5185

Description

Seq.No. Component Part

Extended Text/Ref.

Component Reference

1	7000-5181-2	S675 PROX CARD READER (-2)
2	4000-4300	S674/5 ENCLOSURE BASE (AG/GY)
3	1070-1315	WIRE SOLDERABLE SELF BOND 0.31 APPROX. 2.5M. (38 TURNS)
4	3430-0002	POTTING COMPOUND FOR MACHINE As required.
5	2552-4321	SCREW PT POSIDRIVE PHD No6x1/4

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Part No. : 7000-5181-2

S675 PROX CARD READER (-2)

Revision No. :

BOM Desc. :

Issue No. : XB

Change Note : 7111

Drawing No. : 7200-8181

Description

Seq.No.	Component Part	Extended Text/Ref.	Component Reference
2	0562-0001	IC 7805 P 3P T0220-MC7805CT	IC10
3	0272-1422	CAP ELECT RAD 35V -20+20% 330U	C26
5	0450-1130	OPTOCOUPLER SNGL 6-PIN 4N35	IC13
6	0911-0001	BUZZER E/M 2300HZ 85DB 5V 30MA	LS1
7	0731-3414	CON 2-ROW SKT 0.1" MP 14-WAY	SK1
8	7000-5085	PROXIMITY READER PROCESSOR KIT	IC9
9	7000-8181-2	PROX RDR SMD PCB ASSY (-2)	ISSUE XB
10	0798-1001	CON PCB TERM PIN D/S 1X7MM	TP1-2

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Part No. : 7000-8181-2

PROX RDR SMD PCB ASSY (-2)

Revision No. :

BOM Desc. :

Issue No. : XB

Change Note : 7111

Drawing No. : 7000-5151

Description

Seq.No.	Component Part	Extended Text/Ref.	Component Reference
1	0265-5226SM	CAP TANTL SMDD 10% 22uF	C19
2	0551-9024SM	IC SO16 8-BIT COUNTER 4024	IC6
3	0599-5052SM	SOCKET IC SMD LCC 52-PIN	FOR IC9
4	0556-0132SM	IC SO14 QUAD SM 2-NAND 74HC132	IC4
5	0556-0014SM	IC SO14 HEX SCHM INVERT 74HC14	IC5
6	0227-4104SM	CAP CERHK 0805 50V 20% 100nF	C8,25,30,CD1-10
7	0226-4102SM	CAP CERMK 0805 50V 10% 1nF	C6,7,9,10,16,18,28,29,3
8	0225-9242SM	CAP CERLK 1812 500V 2% 2.4nF	C15
9	0225-4220SM	CAP CERLK 0805 50V 5% 22pF	C4,23,24
10	0225-6331SM	CAP CERLK 0805 200V 2% 330pF	C11,13
11	0226-6391SM	CAP CERMK 0805 200V 10% 390pF	C14
12	0226-6472SM	CAP CERMK 0805 200V 10% 4.7nF	C5
13	0225-6681SM	CAP CERLK 1206 200V 2% 680pF	C12
14	0277-7105SM	CAP ELECT SMVA 50V 20% 1uF	C3
15	0277-4226SM	CAP ELECT SMVC 16V 20% 22uF	C1,2,20-22,27
16	0593-9401SM	CERAMIC RESONATOR 4MHZ SMD W/C	XL2
17	0592-0701SM	XTAL 50/50/10/30 SMD 7.3728MHz	XL1
18	0516-1016SM	DIODE SIG SOT23 75mA BAS16	D1,3,4
19	0516-1021SM	DIODE SIGNAL BAS21 200mA 200V	D6,7
20	0516-2099SM	DIODE DSIG SOT23 75mA BAV99	D2
21	0517-1001SM	DIODE RECT DO21 100V 1A GF1B	D5
22	0569-4420SM	IC ANA 4420 FET DRIVER SMD	IC8

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BOM Desc. :

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Change Note : 7111

Drawing No. : 7000-5151

Description

Seq.No.	Component Part	Extended Text/Ref.	Component Reference
47	0115-2056SM	RES FXD CF 1206 1/4W 5% 220R	R57,59,61
48	0115-2032SM	RES FXD CF 1206 1/4W 5% 22R	R62,63
49	0115-2062SM	RES FXD CF 1206 1/4W 5% 390R	R51,52,54
50	0115-2064SM	RES FXD CF 1206 1/4W 5% 470R	R68,69
51	0115-0001SM	RES FXD 0805 ZERO OHM LINK	R20,39,66
52	0560-2241SM	IC DIG SC442241 HID PROX PROCE	IC12
53	0525-0847SM	TRANSISTOR LFLP N SOT23 BC847A	TR3
54	0525-0857SM	TRANSISTOR LFLP P SOT23 BC857A	TR2
55	0846-0618SM	TRANSORB SMB BI 600W 18V	TZ2
56	0845-0618SM	TRANSORB SMB 600W 18V	TZ4-7
57	0846-0648SM	TRANSORB SMB BI 600W 48V	TZ1,3
58	0569-9003SM	IC ANA 7XO/C DRIVER 50V ULN200	IC3
59	4000-4294	S675 PROX RDR PCB	ISSUE B
60	0115-2120SM	RES FXD MF 1206 1/4W 5% 100k	R19

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Part No. : 7000-5190

S675 COVER ASSY CARD+CODE (CG)

Revision No. :

BOM Desc. :

Issue No. : B

Change Note : 7190

Drawing No. : 7000-5187

			Description
Seq.No.	Component Part	Extended Text/Ref.	Component Reference

1	7000-5182	S675 RDR KEYPAD ASSY	
2	4000-4307	S674/5 ENCLOSURE COVER (FL/GY)	
3	2552-4321	SCREW PT POSIDRIVE PHD No6x1/4	
4	4000-4103	S671 KEYPAD (SETEC)	

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Part No. : 7000-5182

S675 RDR KEYPAD ASSY

Revision No. :

BOM Desc. :

Issue No. : XB

Change Note : 7111

Drawing No. : 7200-5181

Description

Seq.No.	Component	Part	Extended Text/Ref.	Component Reference
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1	0732-1009	CON SKT PCB MTG K/PAD TAIL 9-W SK1	To be placed on silk screen side of PCB	
2	0421-2112	LED GREEN 1.5mm S/BRIGHT 5120G LED1,5	To be placed on blank side of PCB	
3	0421-2111	LED RED 1.5mm S/BRIGHT - 5119R LED2,4	To be placed on blank side of PCB	
4	0421-2113	LED YELLOW 1.5mm S/BRIGHT 5121 LED3	To be placed on blank side of PCB	
5	0712-2014	CON 2-ROW PLG 0.1" SM 14-WAY PLG 1	To be placed on silk screen side of PCB	
6	4000-4295	S675 RDR KEYPAD PCB	ISSUE B	