

8/04/01
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DIGITAL SECURITY CONTROLS LTD
BOM IN DEVELOPMENTS

REVISION DATE : 97/12/18
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ITEM NUMBER	DESCRIPTION	CLASS CODE
61001633	MINI-TX REV.X2 TESTING #1 (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR	
			HOURS	CODE
60001475	MINI-TX REV.X2 FINISHING (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE	
60001475	MINI-TX REV.X2 FINISHING (UA044)	WIP	

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
19000497	SLTX ANTENNA 6 4/5 TURNS SOLID TINNED COPPER ANT	1.00000	0.000	
59001348	MINI-TX REV.X2 SOLDER MACHINE (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE	
59001348	MINI-TX REV.X2 SOLDER MACHINE (UA044)	WIP	

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
58001348	MINI-TX REV.X2 ASSY II (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
58001348	MINI-TX REV.X2 ASSY II (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
03000332	CAP. CERAMIC TRIMMER 4-20PF -25Cto85C AVX#CTC-6U-020 RED N 450+/-300 C13	1.00000	0.000	
10000041	COIL 3-1/2TURN RED 22AWG H-.260" D-.080" L-.175" C-.105" COPPER w SEAL BRITE L1 L5	2.00000	0.000	
10000048	COIL 1-1/2TURN GREEN 22AWG H-.300"D-.120 L-.160" C-.145" COPPER w SEAL BRITE L3	1.00000	0.000	
10000050	COIL 1-1/2TURN RED 22AWG H-.260" D-.080" L-.160" C-.105" COPPER w SEAL BRITE L2 L4	2.00000	0.000	
16000035	REED SWITCH (FORM A CONTACT) ORD9215 RSW1	1.00000	0.000	
16000092	TAMPER SWITCH OMRON D3C-1220 GENERAL PURPOSE - NON-SHORTING SW1	1.00000	0.000	
22000051	CRYSTAL 14.4375 MHZ HC49/U (N.B.I.) NOT BURNED IN/NOT FOR WIRELESS TRXMITTER XTL	1.00000	0.000	
53002060	MINI-TX REV.X2 ASSY I (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE	
53002060	MINI-TX REV.X2 ASSY I (UA044)	WIP	

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR	
			HOURS	CODE
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
53002060	MINI-TX REV.X2 ASSY I (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR	
			HOURS	CODE
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
01000209	RESISTOR SMD 470 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R20 R36 R38	3.00000	0.000	
01000210	RESISTOR SMD 33 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R35	1.00000	0.000	
01000212	RESISTOR SMD 1M 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R17	1.00000	0.000	
01000214	RESISTOR SMD 47K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R8 R10 R18	3.00000	0.000	
01000215	RESISTOR SMD 3.3K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R9 R31 R82	3.00000	0.000	
01000218	RESISTOR SMD 10 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R34	1.00000	0.000	
01000219	RESISTOR SMD 1K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R43 R44	2.00000	0.000	
01000222	RESISTOR SMD 150 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R35 R47	2.00000	0.000	
01000223	RESISTOR SMD 10K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R4 R21 R54	3.00000	0.000	
01000224	RESISTOR SMD 330 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R52 R55	2.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE	
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	WIP	
PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS CODE
01000230	RESISTOR SMD 68K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R12	1.00000	0.000
01000231	RESISTOR SMD 100K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R15	1.00000	0.000
01000235	RESISTOR SMD 1.8K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R27 R28 R39	3.00000	0.000
01000242	RESISTOR SMD 0 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V C77 C90 R30 R33 R42 R46 R49 R53	8.00000	0.000
01000293	RESISTOR SMD 2.2 OHM 1/10W 5% (SIZE0805) -50 TO +125C RATED: 150V R45 R48	2.00000	0.000
01000297	RESISTOR SMD 6.8 OHM 1/10W 5% (SIZE0805) -50 TO +125C RATED: 150V R37	1.00000	0.000
01000298	RESISTOR SMD 8.2 OHM 1/10W 5% (SIZE0805) -50 TO +125C RATED: 150V R41	1.00000	0.000
01000307	RESISTOR SMD 180 OHM 1/10W 5% (SIZE0805) -50 TO +125C RATED: 150V R47	1.00000	0.000
01000313	RESISTOR SMD 22K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R22	1.00000	0.000
01000317	RESISTOR SMD 150K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R23	1.00000	0.000
01000328	RESISTOR SMD 1 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V	1.00000	0.000

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ITEM NUMBER	DESCRIPTION	CLASS CODE		
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	WIP		

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE

	R51			
03000118	CAP SMD 10NF X7R 50V 10% SIZE 0805	2.00000	0.000	
	C66 C69			
03000123	CAP SMD 22PF NPO 50V 5% SIZE 0805	1.00000	0.000	
	C55			
03000125	CAP SMD 100NF X7R 50V 10% SIZE 0805	9.00000	0.000	
	C11 C51 C53 C59 C67 C71 C75 C86 C92			
03000128	CAP SMD 1NF NPO 50V 5% SIZE 0805	5.00000	0.000	
	C52 C57 C70 C72 C74			
03000129	CAP SMD 12PF NPO 50V 5% SIZE 0805	1.00000	0.000	
	C68			
03000130	CAP SMD 10PF NPO 50V 5% SIZE 0805	1.00000	0.000	
03000131	CAP SMD 4.7PF NPO 50V +/- .1PF SIZE 0805	2.00000	0.000	
	C58 C65			
03000138	CAP SMD 1PF NPO 50V +/- .1PF SIZE 0805	1.00000	0.000	
	C80			
03000143	CAP SMD 47NF X7R 50V 10% SIZE 0805	1.00000	0.000	
	C78			
03000152	CAP SMD 120PF NPO 50V 5% SIZE 0805	2.00000	0.000	
	C87 C88			

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ITEM NUMBER	DESCRIPTION	CLASS CODE		
49001129	MINI-TX REV.X2 SMD ASSY (UA044)	WIP		
PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
03000165	CAP SMD 0.47PF NPO 50V +/- .1PF SIZE 0805 C82 C91	2.00000	0.000	
03000167	CAP SMD 0.68PF NPO 50V +/- .1PF SIZE 0805 C61	1.00000	0.000	
03000168	CAP SMD 0.75PF NPO 50V +/- .1PF SIZE 0805 C81	1.00000	0.000	
03000176	CAP SMD 5.6PF NPO 50V +/- .25PF SIZE 0805 C15 C60	2.00000	0.000	
03000345	CAP SMD 18PF N750 50V 5% SIZE 0805 C12	1.00000	0.000	
03000360	CAP SMD 27PF N750 50V 5% SIZE 0805 C16	1.00000	0.000	
04000012	TRANSISTOR SMD MMBT3904T - NPN Q2 Q50 Q53	3.00000	0.000	
04000028	TRANSISTOR SMD BFG67X Q57	1.00000	0.000	
04000047	TRANSISTOR SMD BFG540X Q56	1.00000	0.000	
04000053	TRANSISTOR SMD BCX69 PNP Q52	1.00000	0.000	
05000134	SMD VARIABLE CAPACITOR DIODE BBV809 MOTOROLA Q59	1.00000	0.000	

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49001129	MINI-TX REV.X2 SMD ASSY (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
06000125	IC SMD MC12022TVB/D (SP8705) U7	1.00000	0.000	
06000126	IC SMD 74HC7046 SO-16 PLL WITH LOCK DETECTOR U6	1.00000	0.000	
06000515	IC SMD 24WC01 128 BYTE EEPROM 8 PIN SOIC SUPPORTS TRUE IIC (3-5V) w WRITE PROTECT U2	1.00000	0.000	
06000688	IC Z87L1608SSC R3408 UT43L V4.30L 18 PIN SOIC U1	1.00000	0.000	
52001474	MINI-TX REV.X2 RAD ASSY (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
52001474	MINI-TX REV.X2 RAD ASSY (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR	
			HOURS	CODE
03000091	ELECTRO 4.7UF 25V 85C T/R RAD C89	1.00000	0.000	
47000102	MINI-TX REV.X2 REFLOW ASSY (UA044)	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
47000102	MINI-TX REV.X2 REFLOW ASSY (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
01000214	RESISTOR SMD 47K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R13 R19	2.00000	0.000	
01000216	RESISTOR SMD 47 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R80	1.00000	0.000	
01000217	RESISTOR SMD 1.5K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R81	1.00000	0.000	
01000223	RESISTOR SMD 10K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R16 R26 R32 R83	4.00000	0.000	
01000230	RESISTOR SMD 68K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R11	1.00000	0.000	
01000231	RESISTOR SMD 100K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R1 R7 R14	3.00000	0.000	
01000234	RESISTOR SMD 1.2M 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R3	1.00000	0.000	
01000241	RESISTOR SMD 220 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R50	1.00000	0.000	
01000242	RESISTOR SMD 0 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R56	1.00000	0.000	
01000278	RESISTOR SMD 330K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R5 R6	2.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE		
47000102	MINI-TX REV.X2 REFLOW ASSY (UA044)	WIP		

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE

01000300	RESISTOR SMD 18 OHM 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R79	1.00000	0.000	
01000318	RESISTOR SMD 180K 1/10W 5% (SIZE 0805) -50 TO +125C RATED: 150V R24	1.00000	0.000	
03000116	CAP SMD 68PF NPO 50V 5% SIZE 0805 C4	1.00000	0.000	
03000122	CAP SMD 100PF NPO 50V 5% SIZE 0805 C5	1.00000	0.000	
03000125	CAP SMD 100NF X7R 50V 10% SIZE 0805 C1 C2	2.00000	0.000	
03000128	CAP SMD 1NF NPO 50V 5% SIZE 0805 C93	1.00000	0.000	
03000135	CAP SMD 330PF NPO 50V 5% SIZE 0805 C50	1.00000	0.000	
03000167	CAP SMD 0.68PF NPO 50V +/- .1PF SIZE 0805 C63	1.00000	0.000	
04000014	TRANSISTOR SMD MMBT3906T - PNP Q1 Q54	2.00000	0.000	
04000041	TRANSISTOR 2N3904 Q51	1.00000	0.000	
05000147	ZENER SHUNT REGULATOR (SOT-23 PKGE) SMD LM431ACM3X Q55	1.00000	0.000	

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ITEM NUMBER	DESCRIPTION	CLASS CODE
47000102	MINI-TX REV.X2 REFLOW ASSY (UA044)	WIP

PART NUMBER	PART DESCRIPTION	QUANTITY REQUIRED	LABOUR HOURS	LABOUR CODE
06000127	IC SMD 74HC6323AD SO-8 PROGRAMMABLE RIPPLE COUNTER WITH OSCILLATOR U5	1.00000	0.000	
11001373	PCB UA044 REV.X2 {80.940} 24 PCB'S PER PALLET [3.040]	1.00000	0.000	