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Item: No.: D-9801

D-9801

purcchek Door Manager

Level	No.	Rev. No.	Description	BOM Qty.	UOM
1	D-1116		Assembly, Steel Enclosure	1	EA
	Ref. Des				
2	D-1013	B	Enclosure for D-9801	1	EA
	Ref. Des				
3	D-1017		Enclosure Bottom for D-9801	1	EA
	Ref. Des				
3	D-1015		Retainer, Battery for D-9801	1	EA
	Ref. Des				
3	D-1016		Retainer, Modem for D-9801	1	EA
	Ref. Des				
2	D-1014	B	Cover, Enclosure for D-9801	1	EA
	Ref. Des				
2	D-1601		ASSP Pack for D-9801	1	EA
	Ref. Des				
3	D-1212		Screw 10/32"X8mm, Pan Head SST	6	EA
	Ref. Des				
3	D-1213		Nylon Washer	6	EA
	Ref. Des				
3	D-1214		Screw, 6/32"X8mm, PanHead w/Zn	6	EA
	Ref. Des				
1	D-5043		PCBA for Purcchek Door Manager	1	EA
	Ref. Des				
2	D-5334		CAP 1UF 6.3V CERAMIC X5R 0402	23	EA
	Ref. Des				
2	C1,C2,C3,C4,C5,C6,C7,C10,C12,C13,C14,C15,C16,C17,C18,C79,C80,C81,C83,C103,C105,C110,C112 D-5343		CAP CERAMIC 30PF 5% 50V C0G 04	2	EA
	Ref. Des				
2	C8,C9		Cap Cer 220pF 0402	9	EA
	Ref. Des				
2	W-53015		Cap Cer 0.1uF 0402	13	EA
	Ref. Des				
2	C11,C38,C40,C41,C44,C55,C57,C58,C61 W-53106		Cap Cer 0.1uF 0402	13	EA
	Ref. Des				
2	C19,C21,C22,C30,C31,C39,C42,C43,C45,C56,C59,C60,C62 D-5319	B	.082UFD 400V Polyester Cap	2	EA
	Ref. Des				
	C20,C29				

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Level		No.	Rev. No.	Description	BOM Qty.	UOM
2		W-5311	A	Cap Cer chip 1000pF 50V 0603 5	4	EA
	Ref. Des	C23,C24,C32,C33				
2		W-5332	A	Cap Cer Chip 1UF/10V 0603	2	EA
	Ref. Des	C25,C34				
2		D-5357	A	CAP Tant 10 uF 20V B case	2	EA
	Ref. Des	C26,C35				
2		D-5315	A	Cer Cap 330pF 50V 0603 +-5%	2	EA
	Ref. Des	C27,C36				
2		D-5308	A	Film Cap .01uF 50V 1206	2	EA
	Ref. Des	C28,C37				
2		D-5571		CAP CERAMIC 1.0PF 25V C0G 0402	4	EA
	Ref. Des	C46,C49,C63,C67				
2		D-5569		CAP CERAMIC 100PF25V NP0 0402	4	EA
	Ref. Des	C47,C50,C64,C66				
2		D-5575		CAP CERAMIC 5.6PF 25V NP0 0402	8	EA
	Ref. Des	C48,C65,C89,C92,C93,C98,C99,C100				
2		D-5572		CAP CERAMIC 1.8PF 25V C0G 0402	2	EA
	Ref. Des	C51,C68				
2		D-5573		CAP CERAMIC 1.5PF 25V C0G 0402	2	EA
	Ref. Des	C52,C69				
2		W-5313		Cap Cer 22pF 5% 0402	4	EA
	Ref. Des	C53,C54,C70,C71				
2		D-5326		CAP 1000UF 50V Alum Lytic Radi	1	EA
	Ref. Des	C72				
2		D-5751		CAP CER 10UF 50V X7R 20%	3	EA
	Ref. Des	C73,C87,C88				
2		D-5752		CAP 4.7UF 35V ELECT FC SMD	1	EA
	Ref. Des	C74				
2		D-5577		CAP CERAMIC 0.1uF 25V X7R 0805	1	EA
	Ref. Des	C75				
2		D-5328		CAP 330UF 25V Elect FM Radial	1	EA
	Ref. Des	C76				
2		D-5753		CAP CER .22UF 50V X7R	1	EA
	Ref. Des	C77				
2		W-5315		Cap Cer Chip 0.01UF 0805 5%	1	EA
	Ref. Des	C78				

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2		D-5318		CAP Tant 22UF 25V 10% LOESR SM	3	EA
	Ref. Des	C82,C104,C111				
2		D-5612		CAP 1UF 25V CERAMIC 0603 X5S	10	EA
	Ref. Des	C84,C86,C106,C107,C108,C109,C113,C114,C115,C116				
2		D-5342		CAP 100UF 10V ELECT TG SMD	1	EA
	Ref. Des	C85				
2		W-5302		Cap Cer 1000pF 0402	2	EA
	Ref. Des	C91,C97				
2		D-5574		CAP CERAMIC 10PF 50V NP0 0402	2	EA
	Ref. Des	C95,C102				
2		D-5756		LED GREEN CLEAR 0805 SMD	1	EA
	Ref. Des	D1				
2		D-5757		LED YELLOW CLEAR 0805 SMD	1	EA
	Ref. Des	D2				
2		D-5758		LED RED ORANGE CLEAR 0805 SMD	1	EA
	Ref. Des	D3				
2		D-5208	A	Unidirectional Diode 10V	2	EA
	Ref. Des	D4,D5				
2		D-5235		TVS DO-15 DO-15 600W 56V	1	EA
	Ref. Des	D6				
2		D-5583		Diode Switch 1N4148 100V 400mW	4	EA
	Ref. Des	D7,D12,D13,D15				
2		D-5759		RECT SCHOTTKY 30V 5A 3-4E1A	3	EA
	Ref. Des	D8,D9,D11				
2		D-5760		DIODE SCHOTTKY 40V 2A SMB	1	EA
	Ref. Des	D10				
2		D-5634		DIODE SWITCH 100MA 70V SOT23	1	EA
	Ref. Des	D14				
2		D-5761		FUSEHOLDER TR5/TE5 SMD	1	EA
	Ref. Des	FH1				
2		D-5397	A	Polyswitch Resettable .75A	2	EA
	Ref. Des	F1,F2				
2		D-5794		POLYSWITCH .50A RESET FUSE SMD	1	EA
	Ref. Des	F3				
2		D-5795		POLYSWITCH 2.0A RESET FUSE SMD	1	EA
	Ref. Des	F4				

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Level	No.	Rev. No.	Description	BOM Qty.	UOM
2	D-5972		"CONN HEADER 6POS .100"" STR G	1	EA
	Ref. Des J1				
2	D-5762		CONN HEADER 3POS .156	1	EA
	Ref. Des J2				
2	D-5763		CONN HEADER 4POS .156	1	EA
	Ref. Des J3				
2	D-5603	B	100uH Inductor SMD	2	EA
	Ref. Des L1,L2				
2	D-5585		Inductor 1.2nH 390mA 0402	6	EA
	Ref. Des L3,L4,L9,L14,L15,L16				
2	W-5602		INDUCTOR 6.2NH 300MA 0402	16	EA
	Ref. Des L5,L6,L7,L8,L10,L11,L12,L13,L17,L18,L19,L20,L21,L22,L23,L24				
2	D-5684		INDUCTOR POWER 100UH 1.4A SMD	1	EA
	Ref. Des L25				
2	D-5284		5 Position Male Pin Header	1	EA
	Ref. Des P1				
2	D-5278	A	Female connector 2 pin	1	EA
	Ref. Des P2				
2	D-5524		CONN DB9 FEMALE DIP SLD NICKEL	2	EA
	Ref. Des P3,P4				
2	D-5712	A	NPN transistor FZT689B SOT223	2	EA
	Ref. Des Q1,Q3				
2	D-5750	A	PNP transistor FZT788B SOT223	2	EA
	Ref. Des Q2,Q4				
2	D-5566		IC MOSFETs N-CH LOGIC NDT3055L	8	EA
	Ref. Des Q5,Q7,Q10,Q11,Q12,Q13,Q14,Q15				
2	D-5764		MOSFET P-CH 240V 480MA	2	EA
	Ref. Des Q6, Q500				
2	D-5765		MOSFET N-CH 60V POWERPAK	1	EA
	Ref. Des Q8				
2	D-5708		Transistor FDN360P Dual PNP -3	1	EA
	Ref. Des Q9				
2	D-5645		"CONN JACK RECEPT RA PCB .200"	4	EA
	Ref. Des RF1,RF2,RF3,RF4				
2	D-5636		Relays - SMD Low-Signal 2.54MM	1	EA
	Ref. Des RL1				

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Level	No.	Rev. No.	Description	BOM Qty.	UOM
2	D-5637		Relays - SMD Low-Signal 2.54MM	3	EA
	Ref. Des		RL2,RL3,RL4		
2	D-5486		RES 30.1K OHM 1/16W 1% 0402 SM	2	EA
	Ref. Des		R1,R108		
2	W-5489		Resistor 100K 0402	46	EA
	Ref. Des		R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R15,R17,R22,R23,R25,R26,R27,R29,R30,R31,R32,R36,R37,R38,R39,R40,R42,R44,R99,R112,R113,R115,R120,R121,R138,R510,R521,R530,R541,R543,R550,R551,R552,R553		
2	W-5483		Resistor 10K 0402	39	EA
	Ref. Des		R14,R46,R47,R48,R49,R50,R51,R53,R54,R56,R57,R58,R59,R60,R61,R62,R64,R76,R77,R78,R80,R92,R93,R94,R122,R123,R124,R125,R140,R141,R500,R501,R502,R503,R504,R505,R540,R542,R544		
2	W-5487		Resistor 33 ohm 0402	6	EA
	Ref. Des		R16,R18,R24,R41,R43,R45		
2	D-5767		RES 249 OHM 1/16W 1% 0402 SMD	3	EA
	Ref. Des		R33,R34,R35		
2	D-5454	A	16.2KOHM 1% 1/16W 0603 M.F. RE	2	EA
	Ref. Des		R63,R79		
2	W-5427		Res Chip 100K 1% 0603	6	EA
	Ref. Des		R65,R68,R75,R81,R85,R91		
2	D-5444	A	RES Thick Fim 53.6KOhm 1% 1/16	2	EA
	Ref. Des		R66,R82		
2	D-5446	A	RES 61.9KOHM 1% 1/16W 0603 M.F	2	EA
	Ref. Des		R67,R83		
2	W-5402		Res Chip 4.99K 1% 0603	2	EA
	Ref. Des		R69,R84		
2	D-5435	A	RES Thick Fim 80.6KOhm 1% 1/16	2	EA
	Ref. Des		R70,R86		
2	D-5768		TRIMPOT 10K OHM 6MM SQ SMD	2	EA
	Ref. Des		R71,R87		
2	D-5497	A	10OHM 1% 1/16W 0603 M.F. RES	2	EA
	Ref. Des		R72,R88		
2	D-5482	A	100OHM 1% 1/16W 0603 M.F. RES	2	EA
	Ref. Des		R73,R89		
2	D-5769		RES 4.7 OHM 1W 5% 2512 SMD	2	EA
	Ref. Des		R74,R90		
2	W-5498		Resistor 56K 1% 0402	2	EA
	Ref. Des		R95,R96		
2	D-5770		RES 0.0 OHM1/2W 5% 2010 SMD	3	EA
	Ref. Des		R97,R98,R119		

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Level		No.	Rev. No.	Description	BOM Qty.	UOM
2		D-5771		RES 18K OHM 1/16W 5% 0402 SMD	1	EA
	Ref. Des	R100				
2		D-5773		RES 150 OHM METAL FILM 2W 5%	1	EA
	Ref. Des	R102				
2		D-5729		RES 1.0K OHM 1/16W 5% 0402 SMD	2	EA
	Ref. Des	R103,R139				
2		D-5774		RES 604 OHM 1/16W 1% 0402 SMD	1	EA
	Ref. Des	R104				
2		D-5775		RES 84.5K OHM 1/16W .5% 0603	1	EA
	Ref. Des	R105				
2		D-5459		RES 221K OHM 1/10W 1% 0603 SMD	1	EA
	Ref. Des	R106				
2		D-5776		RES 1.6K OHM 1/8W 5% 0805 SMD	1	EA
	Ref. Des	R107				
2		D-5777		RESISTOR .12 OHM 1/10W 1% 0603	1	EA
	Ref. Des	R109				
2		D-5778		RES 422K OHM 1/10W 1% 0603 SMD	1	EA
	Ref. Des	R110				
2		D-5461		RES 24.9K OHM 1/10W 1% 0603 SM	1	EA
	Ref. Des	R111				
2		D-5439		RES 91.0K OHM 1/16W 1% 0402 SM	1	EA
	Ref. Des	R114				
2		D-5441		RES 61.9K OHM 1/16W 1% 0402 SM	1	EA
	Ref. Des	R116				
2		D-5442		RES 300 OHM 1/16W 5% 0402 SMD	1	EA
	Ref. Des	R117				
2		D-5858		RES 6.04K OHM 1/2W 1% 1210 SMD	1	EA
	Ref. Des	R118				
2		K-5413		RES 0 OHM 1/10W 5% 0603 SMD	10	EA
	Ref. Des	R52,R55,R126,R127,R129,R131,R132,R133,R135,R137				
2		W-5499		RES 6.04K OHM 1/8W 1% 0805 SMD	1	EA
	Ref. Des	R520				
2		D-5196		SWITCH 8 POS DIP GULL SEALED S	1	EA
	Ref. Des	SW1				
2		D-5197		SWITCH ROTARY DIP THRUHOLE 16P	1	EA
	Ref. Des	SW3				

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Level		No.	Rev. No.	Description	BOM Qty.	UOM
2		D-5215	A	ON / OFF switch	1	EA
	Ref. Des	SW5				
2		D-5220		Switch Slide DPDT 30V .2A L=6	1	EA
	Ref. Des	SW6				
2		D-5268	A	Power 3 connectors 7.62mm ptc	1	EA
	Ref. Des	TB1				
2		D-5780		SWITCH 4 POS DIP GULL	2	EA
	Ref. Des	SW2, SW500				
2		D-5781		TERMINAL BLOCK 5.08MM 3POS PCB	1	EA
	Ref. Des	TB2				
2		D-5783		PCB Terminal Blocks 12P 5.08mm	2	EA
	Ref. Des	TB3, TB4				
2		D-5784		CONN TERM BLOCK 2POS 5.08MM	1	EA
	Ref. Des	TB5				
2		D-5685		CONN TERM BLOCK 4POS 5.08MM	1	EA
	Ref. Des	TB8				
2		D-5638		IC AVR MCU 256K 16MHZ 100TQFP	1	EA
	Ref. Des	U1				
2		D-5643		IC OCT BUS XCVR/SHIFTER 24-TSS	3	EA
	Ref. Des	U2,U4,U5				
2		D-5785		IC PIC MCU FLASH 4KX14 28QFN	1	EA
	Ref. Des	U6				
2		D-5506	A	Dual Op Amp lmc6482 SO8	2	EA
	Ref. Des	U7,U8				
2		W-5630		Transceiver RF CC2500	2	EA
	Ref. Des	U9,U10				
2		D-5786		IC CTRLR SW REG N-CH 8MSOP	1	EA
	Ref. Des	U11				
2		D-5787		IC DIFFCOMPRTR SINGLE SOT-23-5	1	EA
	Ref. Des	U12				
2		W-5503		IC 2.5V MCPWR VOLTAGE REF 8-SO	1	EA
	Ref. Des	U13				
2		W-5501		IC REG LDO 1A 5.0V 8SOIC	1	EA
	Ref. Des	U14				
2		W-5504		IC ADJ 750MA LDO REG 8-SOIC	1	EA
	Ref. Des	U15				

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2		W-5508		OPTOCOUPLER SCHMITT-TR SMD 6-D	1	EA
	Ref. Des	U16				
2		D-5594		IC Switch SPDT-6-Smini UPG2012	2	EA
	Ref. Des	U17,U18				
2		D-5788		IC DUAL EIA-232 DRVR/RCVR	2	EA
	Ref. Des	U19,U20				
2		D-5808		CRYSTAL 16.000MHZ 18PF FUND SM	1	EA
	Ref. Des	Y1				
2		D-5807	A	Resonator 20MHz ceramic	1	EA
	Ref. Des	Y2				
2		D-5803		CRYSTAL 26.000000 MHZ 13PF SMD	2	EA
	Ref. Des	Y3,Y4				
2		D-5857		FUSE T-LAG 1A IEC SHORT TR5	2	EA
	Ref. Des	FH1, spare ECN200900041				
2		D-5790		Single Output Power Supply	1	EA
	Ref. Des					
2		D-1060		Spacers and Standoffs	4	EA
	Ref. Des					
2		D-1201		Screws 6-32x3/8	8	EA
	Ref. Des					
2		D-5062		PCB for Purchek Door Manager	1	EA
	Ref. Des					
2		D-5780		SWITCH 4 POS DIP GULL	2	EA
	Ref. Des	SW2,SW500				
2		D-1059		Wire Harness for D-9801	1	EA
	Ref. Des					
2		D-1061		3 pins Wire Harness for D-9801	1	EA
	Ref. Des					
2		D-5509		IC Regulator LDO TO-263 5V	1	EA
	Ref. Des	U3 ECN200900041				
2		SW-D9801V107		Firmware D9801 Ver1.07	1	EA
	Ref. Des					
1		D-5900	C	Power cable US/Canada bagged	1	EA
	Ref. Des					
1		D-5903		Power cable steel strain relie	2	EA
	Ref. Des					

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Level	No.	Rev. No.	Description	BOM Qty.	UOM
1	D-8201		Transmitter box corner pads	8	EA
	Ref. Des				
1	D-8202		Driver Cardboard 13x14.5x7 Box	1	EA
	Ref. Des				
1	M500142		Cord Grip M16 X 1.5/11	3	EA
	Ref. Des				
1	M500143		Nuts M16X1.5 Black	3	EA
	Ref. Des				
1	D-1029		D-9801 CE / FCC label	1	EA
	Ref. Des				
1	D-1027		Ground lug	2	EA
	Ref. Des				
1	D-5905		18 AWG green/yellow ground wir	2	FT
	Ref. Des				
1	D-5686		SW MINI SNAP ACTION SPDT 5A	1	EA
	Ref. Des				
1	K-1001		Serial Number Label	1	EA
	Ref. Des				
1	D-5908		18 AWG green/yellow wire with	1	EA
	Ref. Des				
1	D-1151		Battery Pack 12V NiHM	1	EA
	Ref. Des				
1	D-5689		Hex Nut, M5 X 2.7	3	EA
	Ref. Des				
1	D-5690		Flat + Head Screw,4-40X0.32"	2	EA
	Ref. Des				