

MANUFACTURER BOM REPORT

Part Number 700-20289
Part Revision A
Part Description PWA, NE64

Level	Part Type	Item Number	Rev	Item Description	Find Num	Qty	Ref Des
Mfr. Name				Mfr. Part Number	Mfr. Part Status		Preferred Status
0	Part	700-20289		PWA, NE64			
.1	Part	170-20289	B	PWB, DEMO9S12NE64	1	1	
DYNAMIC DETAILS INC				170-20289	Active		Preferred
.1	Part	805-75115	A	LABEL, 1"X.25", ASSEMBLY / REVISION	2	1	
.1	Part	805-75116	A	LABEL, 1"X.25", SERIAL NUMBER	4	1	
.1	Part	750-20289	A	SUB ASSEMBLY, SCHEMATIC PARTS, 700-20289	1000	1	
..2	CADPart	150-75010		CAP CER 0.01UF 50V 10% X7R CC0805	0	2	C15, C16
GENERIC				EQUIVALENT	Active		Alternate
KEMET				C0805C103K5RAC_	Active		Alternate
MURATA ELECTRONICS				GRM21BR72A103KA01_	Active		Preferred
..2	CADPart	150-75018		CAP CER 0.1UF 50V 10% X7R CC0805	0	19	C2, C4, C6, C9, C10, C12, C13, C50-C60, C62
AVX				08055C104KAT_A	Active		Preferred
GENERIC				EQUIVALENT	Active		Alternate
..2	CADPart	150-75046		CAP CER 4700PF 25V 10% X7R CC0805	0	1	C14
AVX				08053C472KAT_A	Active		Preferred
AVX				08055C472KAT_A	Active		Preferred
GENERIC				EQUIVALENT	Active		Alternate
..2	CADPart	150-75048		CAP CER 470PF 25V 10% X7R CC0805	0	1	C11
AVX				08053C471KAT_A	Active		Preferred
AVX				08055C471KAT_A	Active		Preferred
GENERIC				EQUIVALENT	Active		Alternate
..2	CADPart	150-75053		CAP TANT 100UF 16V 10% -- CC7343	0	2	C61, C66
GENERIC				EQUIVALENT	Active		Alternate

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				KEMET	T491D107K016AS	Active	Preferred
..2	CADPart	150-75071		CAP CER 0.22UF 25V 20% X7R CC0805	0	6	C1, C3, C5, C7, C8, C17
				AVX	08053C224MAT_A	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
..2	CADPart	150-75081		CAP CER 22PF 100V 10% NPO	0	2	C18, C63
				AVX	08051A220KAT2A	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
..2	CADPart	150-75082		CAP CER 10UF 16V +80/-20% Y5V	0	2	C64, C65
				GENERIC	EQUIVALENT	Active	Preferred
				TDK	C3225Y5V1C106Z	Active	Preferred
..2	CADPart	180-75011		IND FER BEAD 39OHM@100MHZ 4A 25% IND_0805	0	2	FB1, FB50
				PANASONIC	EXCML20A390_	Active	Preferred
..2	CADPart	210-75545		CON 2X20 TH RA SKT 100MIL CTR 195H	0	1	J50
				SAMTEC	SSW-120-02-S-D-RA-LL	Active	Preferred
..2	CADPart	210-75546		MOD JACK TH 10/100BASE-T RX 1:1 TX 1:2 CT	0	1	J51
				BEL FUSE	0810-1X1T-06	Active	Preferred
..2	CADPart	210-75547		CON 9 DB RA SKT TH - - AU FLASH	0	1	J53
				AMP	788750-1	Active	Preferred
..2	CADPart	211-75155		CON 3 PWR RA SMT -- NI 80MIL CTR PIN W/ALIGN	0	1	J52
				SWITCHCRAFT	RASM722P	Active	Preferred
..2	CADPart	211-75156		HDR 2X3 SMT 100MIL CTR 380H AU W/ALIGN	0	1	J3
				SAMTEC	TSM-103-01-S-DV-A	Active	Preferred

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..2	CADPart	230-75326		XTAL 25.0MHZ RSN SMT	0	1	Y50
ECS INC. INTERNATIONAL				ECS-250-18-5P	Active		Preferred
..2	CADPart	312-75158		IC XCVR 3.0V-5.5V RS232 250KBIT	0	1	U52
TEXAS INSTRUMENTS				MAX3243CPW	Active		Preferred
..2	CADPart	312-75169		IC GATE XOR QUAD 2-6V 2-INPUT	0	1	U50
TEXAS INSTRUMENTS				SN74AC86D	Active		Preferred
..2	CADPart	330-75061		IC MCU 16BIT 25MHZ 3.3V	0	1	U1
FREESCALE (FORMERLY MOTOROLA)				MC9S12NE64CPV	Active		Preferred
..2	CADPart	370-75032		LED GRN SGL 20MA SMT	0	1	DS3
LUMEX				SML-LXL1206GC-TR	Active		Preferred
..2	CADPart	370-75046		LED SUPER RED SGL 20MA SMT	0	2	DS1, DS2
LUMEX				SML-LXL1206SRC-TR	Active		Preferred
..2	CADPart	470-75023		RES TF 0 OHM 1/8W 5% RC0805	0	9	R1, R2, R17, R23, R24, R50, R51, R57, R58
BOURNS				CR0805-J/-000_	Active		Preferred
GENERIC				EQUIVALENT	Active		Alternate
PANASONIC				ERJ-6GEY0R00_	Active		Alternate
VISHAY				CRCW0805000J_	Active		Alternate
YAGEO AMERICA				9C08052A0R00JLHF_	Active		Alternate
..2	CADPart	470-75043		RES TF 10K 1/8W 5% RC0805	0	16	R3, R5, R9-R11, R13, R15, R16, R18-R21, R29, R52-R54
BOURNS				CR0805-JW-103_	Active		Preferred
GENERIC				EQUIVALENT	Active		Alternate
PANASONIC				ERJ-6GEYJ103_	Active		Alternate
VISHAY				CRCW0805103J_	Active		Alternate
YAGEO AMERICA				9C08052A1002JLHF_	Active		Alternate

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..2	CADPart	470-75044		RES TF 10M 1/8W 5% RC0805	0	1	R55
				BOURNS	CR0805-JW-106_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				VISHAY	CRCW0805106J_	Active	Alternate
				YAGEO AMERICA	9C08052A1005JLHF_	Active	Alternate
..2	CADPart	470-75054		RES TF 12.4K 1/8W 1% RC0805	0	1	R7
				BOURNS	CR0805-FX-1242_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				KOA SPEER ELECTRONICS	RK73H2AL_1242F	Active	Alternate
				VISHAY	CRCW08051242F_	Active	Alternate
				YAGEO AMERICA	9C08052A1242FKHF_	Active	Alternate
..2	CADPart	470-75098		RES TF 220 OHM 1/8W 5% RC0805	0	2	R4, R6
				BOURNS	CR0805-JW-221_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				PANASONIC	ERJ-6GEYJ221_	Active	Alternate
				VISHAY	CRCW0805221J_	Active	Alternate
				YAGEO AMERICA	9C08052A2200JLHF_	Active	Alternate
..2	CADPart	470-75141		RES TF 4.7K 1/8W 5% RC0805	0	1	R14
				BOURNS	CR0805-JW-472_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				PANASONIC	ERJ-6GEYJ472_	Active	Alternate
				VISHAY	CRCW0805472J_	Active	Alternate
				YAGEO AMERICA	9C08052A4701JLHF_	Active	Alternate
..2	CADPart	470-75154		RES TF 49.9 OHM 1/8W 1% RC0805	0	4	R25-R28
				BOURNS	CR0805-FX-49R9_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				KOA SPEER ELECTRONICS	RK73H2AL_49R9F	Active	Alternate
				VISHAY	CRCW080549R9F_	Active	Alternate
				YAGEO AMERICA	9C08052A49R9FKHF_	Active	Alternate

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..2	CADPart	470-75159		RES TF 510 OHM 1/8W 5% RC0805	0	3	R8, R12, R59
				BOURNS	CR0805-JW-511_	Active	Preferred
				GENERIC	EQUIVALENT	Active	Alternate
				PANASONIC	ERJ-6GEYJ511_	Active	Alternate
				VISHAY	CRCW0805511J_	Active	Alternate
				YAGEO AMERICA	9C08052A5100JLHF_	Active	Alternate
..2	CADPart	470-75235		RES TF 5.1K 1/8W 5% RC0805	0	1	R22
				GENERIC	EQUIVALENT	Active	Alternate
				KOA SPEER ELECTRONICS	RK73B2AL_512J	Active	Alternate
				SMEC	RC73L2D512JT	Active	Preferred
				VISHAY	CRCW0805512J_	Active	Alternate
				YAGEO AMERICA	9C08052A5101JLHFT	Active	Preferred
..2	CADPart	470-75243		RES -- 5K OHM -- 20% TH TRIMMER W/SHAFT	0	1	VR1
				XICON	317-2090-5K	Active	Preferred
..2	CADPart	480-75028		DIODE SCH PWR RECT 1A 30V -- SMB	0	1	CR50
				GENERIC	EQUIVALENT	Active	Alternate
				ON SEMICONDUCTOR	MBRS130LT3	Active	Preferred
..2	Part	480-75064		IC VREG LDO 3.3V 20V 1.5A REG3_M_LT1086_SM	0	1	U51
				LINEAR TECHNOLOGY	LT1086CM-3.3	Active	Preferred
..2	CADPart	510-75034		SW SPDT RA SLD TH 20V 400MA WSH	0	1	S50
				APEM COMPONENTS	MSS12ARG	Active	Preferred
..2	CADPart	510-75035		FUSE PLYSW 0.75A 30V SMT	0	1	F50
				RAYCHEM	SMD075	Active	Preferred
..2	CADPart	510-75036		SW SPST PB MOM NO SMT WSH 12V 50MA	0	3	S1-S3
				MOUNTAIN	101-0464	Active	Preferred

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..2	CADPart	210-75437		HDR 1X1 TH 100MIL SP 330H AU	2102	0	J1, J2, J4-J28	
		FCI USA INC		68001-601	Active		Preferred	
..2	CADPart	470-75023		RES TF 0 OHM 1/8W 5% RC0805	2105	0	R56	
		BOURNS		CR0805-J/-000_	Active		Preferred	
		GENERIC		EQUIVALENT	Active		Alternate	
		PANASONIC		ERJ-6GEY0R00_	Active		Alternate	
		VISHAY		CRCW0805000J_	Active		Alternate	
		YAGEO AMERICA		9C08052A0R00JLHF_	Active		Alternate	