

DMTi OPTION

No.	Mfr Part NO.	DESCRIPTION	QTY REFERENCE DESIGNATOR
1	Pan ECU-V1H150JCM	CAP CER 15pF 5% NPO 1206	1 C55
2	Pan ECU-V1H470JCM	CAP CER 47pF 5% NPO 1206	2 C54,C56
3	Pan ECU-V1H680JCM	CAP CER 68pF 5% NPO 1206	44 C6-C7,C12-C13, C20-C21,C25,C43-C45, C47-C48,C79-C82, C84,C87,C93-C96, C109-C128,C53,C24
4	KEM C1206C820J1GAC	CAP CER 82pF 2% NPO 1206	2 C30,C39
5	KEM C1206C101J1GAC	CAP CER 100pF 2% NPO 1206	1 C41
6	Pan ECU-V1H471KBM	CAP CER 470pF 10% X7R 1206	2 C57 C61
7	Pan ECU-V1H472KBM	CAP CER 4700pF 10% X7R 1206	3 C29,C38,C83
8	Pan ECU-V1H103KBM	CAP CER 0.01UF 10% X7R 1206	2 C4,C18
9	Pan ECQ-V1H473JL	CAP POLY 0.047UF 10% .2"LS	22 C3,C16,C46,C49-C50, C88-C92,C97-C108
10	Vit VJ1206U104MXAMT	CAP CER 0.1UF Z5U 1206	46 C2,C14,C149-C180 C60 C63 C68-70 C72-73 C187 C67,C191-193
11	Vit VJ1206U224MXAMT	CAP CER 0.22UF Z5U 1206	24 C129-C148,C181-184
12	Pan ECQ-U2A334MV	CAP POLY 0.33UF 400V 10% 1.1"LS	1 C76
13	Pan ECQ-V1H105JL	CAP POLY 1.0UF 10% .2"LS	20 C1,C5,C8-C11,C15, C17,C19,C22-C23,C26, C31-C34,C40,C42, C85-C86
14		CAP CER ? % 1206 (open)	1 C35
15	Pan ECS-H1EC335R	CAP TANT 3.3uF 25V MIN 20% 6032	3 C28,C37,C52
16	Pan ECS-F1EE336	CAP TANT 33uF 25V MIN 20% .2"LS	3 C27,C36,C51
17	Pan ECS-H0JD476R	CAP TANT 47uF 6.3V MIN 20% 7343	2 C77-C78
18	Pan ECE-A1VU100	CAP ELECT 10uF 25V MIN 20% .079" LS	3 C74 C185-186
19	Pan ECE-A1CU220	CAP ELECT 22uF 6.3V MIN 20% .079" LS	1 C71
20	Pan ECE-A1AU101	CAP ELECT 100uF 10V MIN 20% .079" LS	1 C58
21	Pan ECE-A1EU101	CAP ELECT 100uF 25V MIN 20% .098" LS	3 C65-66 C75
22	Pan ECE-A1AU221	CAP ELECT 220uF 10V MIN 20% .098" LS	2 C59 C62
23	Pan ECO-S1CP223DA	CAP ELECT 22000uF 16V MIN 20% .394" LS	1 C64
24	Samtec PLCC-044-T-N	CONN Socket 44 pin PLCC SMT	6 U25-U26,U32-35
25	Samtec PLCC-084-T-N	CONN Socket 84 pin PLCC SMT	1 U17
26		CONN Socket 8 pin DIP	1 U36
27		CONN Socket 16 pin DIP	3 U11,U13,U15
28		CONN Socket 28 pin, .6" DIP	4 U2,U4-U6
29	Molex 10-32-1021	Conn SIP HEADER .200"sp 2-pin	1 J13
30	Molex 09-65-2038	Conn SIP HEADER .156"sp 3-pin	1 J8
31	Molex 10-32-1031	Conn SIP HEADER .200"sp 3-pin	1 J16
32	Molex 22-03-5025	Conn SIP HEADER .098"sp 2-pin	1 J36
33	Molex 22-03-5045	Conn SIP HEADER .098"sp 4-pin	2 J6,J31
34	Pan 100-348-053B	CONN 48-pin male DIN	1 J20
35	AMP 227161-6	CONN BNC RA-PC	2 J17 J24
36	AMP 748390-5	CONN DB15 Mini, female, Threaded Insert, 350 Mount	1 J22
37	AMP 749767-1	CONN DB15 Mini, male, Threaded Insert, 350 Mount	1 J29
38	AMP 103239-2	CONN SIP HEADER .1"sp 2-pin	4 J5,J23,J34,J35
39	AMP 103239-3	CONN SIP HEADER .1"sp 3-pin	4 J25-J28
40	AMP 103239-9	CONN SIP HEADER .1"sp 9-pin	2 J32,J33
41	AMP 103240-3	CONN DIP HEADER .1"x.1"sp 6-pin	1 J11
42	AMP 103240-8	CONN DIP HEADER .1"x.1"sp 16-pin	5 J9-J10,J14,J18-19
43	AMP 1-103240-0	CONN DIP HEADER .1"x.1"sp 20-pin	1 J21
44	Switchcraft PQG3FRA212	CONN RA-PC Female XLR	2 J1,J3
45	Switchcraft PQG3MRA012	CONN RA-PC Male XLR	4 J2,J7,J12,J15
46	Molex 22-03-5105	CONN 10-pin 1ROW .098"sp	2 J4,J30
47		CRYSTAL 16.000MHZ FUND PLL 32PF W/GND HC-49U	1 Y1
48	1N5234B	DIODE ZENER 6.2V DO7	2 D9 D10
49	1N4148	DIODE SWITCHING DO7	1 D5
50	1N4001	DIODE POWER 50PIV 1A DO7	6 D1 D3-4 D6-7
51	1N4005	DIODE POWER 600PIV 1A DO7	1 D8
52	MBR1535CT	DIODE POWER SCHOTTKY CT 35PIV 15A TO220	1 D2
53		Ferrite Bead 2.5T	8 L1-L7,L18
54		FILTER T SIP3*	5 L13-17
55	AMD AM26LS31PC	IC Quad RS-485 Line Driver DIP16	2 U13,U15
56	AMD AM26LS32BPC	IC Quad RS-485 Receiver DIP16	1 U11
57	Philips 74HC14D	IC HEX SCHMITT-TRIGGER INV SOIC14/14W	4 U14,U24,U30,U37

58	Philips 74HCT4046AD	IC Phase Lock Loop SOIC16/16W	3 U20,U27,U31
59	AD AD1893JN	IC Asynchronous Sample Rate Converter DIP28	4 U2,U4-U6
60	Crystal CS8402A-CS	IC AES/EBU Transmitter SOIC24	4 U1,U12,U18-U19
61	Crystal CS8412-CS	IC AES/EBU Receiver SOIC28	2 U3,U9
62	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U25
63	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U26
64	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U32
65	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U33
66	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U34
67	Altera EPM7032LC44-15T	IC LOGIC PAL EPM7032-15T "Insert Name" 44 pin PLCC	1 U35
68	Xilinx XC1736DPD8C	IC Serial EPROM "Insert Name" DIP8	1 U36
69	Xilinx XC4002A-5PC84C	IC SRAM FPGA PLCC84	1 U17
70	Philips 74HCU04D	IC Hex inverter SOIC14/14W	3 U21,U28,U38
71	Coilcraft DLF2000	IC 2-line filter choke DIP4(6)	2 L9-L10
72	Coilcraft DLF8000	IC 8-line filter choke DIP16	3 L8,L11,L12
73	Sharp GP1F31R	IC Fiber Optic Receiver	1 U8
74	Sharp GP1F31T	IC Fiber Optic Transmitter	1 U7
75	TI TLC2272CD	IC OPAMP DUAL FET TLC2272 SOIC8	2 U10,U22
76	TI TL072CD	IC OPAMP DUAL FET TL072 SOIC8	1 U16
77	National LM339M	IC COMPARATOR QUAD LM339 SOIC14/14W	1 U29
78	Anderson 012-401-02777	IC TTL Crystal Oscillator, 14.112 MHz, ±10 ppm DIP4(14)	1 U23
79		RES 0 5% THICK FILM 1206	17 R31,R190-204,R212
80		RES 56 5% THICK FILM 1206	14 R2-R3,R5,R7, R14-R17,R19-R20, R34-35,R51,R131
81		RES 75 OHM 5% THICK FILM 1206	2 R187-188
82		RES 100 OHM 5% THICK FILM 1206	2 R67 R160
83		RES 110 OHM 5% THICK FILM 1206	3 R48-R50
84		RES 120 5% THICK FILM 1206	3 R23,R36,R66
85		RES 220 OHM 5% THICK FILM 1/2W	1 R183
86		RES 330 OHM 5% THICK FILM 1206	3 R156,R162,R213
87		RES 470 5% THICK FILM 1206	3 R22,R32,R65
88		RES 1k 5% THICK FILM 1206	7 R1,R33,R154, R158-159,R161,R214
89		RES 1K 5% THICK FILM 1/4W	1 R182
90		RES 1.5K 5% THICK FILM 1206	3 R163,R173-174
91		RES 3.3k 1% METAL FILM 1206	3 R10,R24,R37
92		RES 4.7K 5% THICK FILM 1206	2 R157,R169
93		RES 10k 5% THICK FILM 1206	35 R9,R27,R29-R30,R40, R42-R43,R70-R72, R73,R76,R78, R138-153,R164,R165, R170,R171,R172,R186
94		RES 10.0K 1% METAL FILM 1206	1 R185
95		RES 15k 5% THICK FILM 1206	81 R4,R6,R8,R12-R13, R18,R21,R47,R60-64, R68,R74-R75,R77, R79-R130,R132-R137 R206-211
96		RES 22K 5% THICK FILM 1206	3 R175-176,R181
97		RES 47K 5% THICK FILM 1206	2 R166-167
98		RES 59.0K 1% METAL FILM 1206	1 R178
99		RES 66.5K 1% METAL FILM 1206	1 R179
100		RES 100K 5% THICK FILM 1206	1 R168
101		RES 124K 1% METAL FILM 1206	1 R180
102		RES 301K 1% METAL FILM 1/4W	1 R184
103		RES 374K 1% METAL FILM 1206	1 R177
104		RES 10M 5% THICK FILM 1206	1 R46
105		RES ? ?% THICK FILM 1206 (open)	19 R11,R25-R26,R28, R38-39,R41,R44-45, R52-R59,R69,R189
106	Bourns 3314G-1-104	RES TRIMPOT 100K Surface Mount	1 R155
107	AMP 531220-1	Shunt	
108	Oak Grigsby SW-4BGRAY/7	Switch, Rotary, 7pos, 4-bit Gray code encoder	1 SW2
109	Oak Grigsby SW-4BGRAY/10	Switch, Rotary, 10pos, 4-bit Gray code encoder	4 SW3-SW6
110	MORS ASC MHSS2220	SW DPDT RA PC	1 SW1
111	MORS ASC MHSS1105	SW SPDT RA PC	1 SW7
112	Schott 67129600	Transformer AES/EBU Isolation	6 T1-T6
113	Motorola MMBT2907A	TRANSISTOR SWITCHING PNP SOT-23	1 Q3
114	Motorola MMBT2222A	TRANSISTOR SWITCHING NPN SOT-23	4 Q4-5 Q8-9

115	Intl Rect IRFZ10	TRANSISTOR POWER MOSFET 50V .2Ω 7.2A TO220	1 Q2
116	Intl Rect IRFZ20	TRANSISTOR POWER MOSFET 50V .1Ω 15A TO220	1 Q1
117	MAC96A8	TRIAC 600V .8A TO92S	2 Q6-7