



1864_1v2
 RWY
 8/23/01

DDR Termination @ 6A

5V Input, 2.5V Reference
1.25V @ ±6A Output
10/22/01

1864_1v2

DESIGNATION	QTY	DESCRIPTION
C1	1	22nF ceramic capacitor (0805)
C2	1	1nF ceramic capacitor (0805)
C3	1	4.7uF 10V X7R ceramic capacitor (1206) Taiyo Yuden LMK316BJ475ML
C4,C11	2	0.1uF ceramic capacitor (0805)
C5	1	1200uF 10V aluminum electrolytic capacitor Sanyo 10MV1200AX
C6,C10	5	22uF 10V ceramic capacitor (1812) Taiyo Yuden LMK432BJ226MM
C7	1	1200uF 2.5V organic semiconductor cap Sanyo OS-CON 2R5SP1200M
C8	1	1uF 10V X7R ceramic capacitor (0805) Taiyo Yuden LMK212BJ105MG
C9	1	330pF ceramic capacitor (0805)
D1	1	100mA Schottky diode (SOT-23) Central Semi CMPSH-3
D2,D3	2	3A 30V Schottky diode Nihon EC31QS03L
L1	1	1.5uH 10A Power Inductor Coilcraft DO5022P-152HC
N1,N2	1	17m Ohm N-channel MOSFET (SO-8) Fairchild FDS6690A
Q3	1	200mA 40V PNP Transistor (SOT-23) CMPT3906
R1	1	15k Ohm 5% resistor (0805)
R2	1	100k Ohm 5% resistor (0805)
R3,R4	2	4.7 Ohm 5% resistor (0603)
R5,R6	2	10.0k Ohm 1% resistor (0805)
R7	1	220 Ohm 5% resistor (0805)
R8,R9	2	22.1k Ohm 1% resistor (0805)
R10	1	100 Ohm 5% resistor (0805)
R11,R12	1	1.00k Ohm 1% resistor (0805)
U1	1	MAX1864TEEE (16-QSOP)