

TMS320C645X Mezzaine Card  
508632-0001  
SPECTRUM DIGITAL INCORPORATED

6455\_mezz\_netlist.NET

Revised: Monday, June 26, 2006  
Revision: A

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C864  
EIA0402SM  
0.1uF

]  
[  
C865  
EIA1206O  
10uF

]  
[

C866  
EIA0402SM  
0.1uF

]  
[  
C867  
EIA0402A  
0.1uF

]  
[  
C868  
EIA0402A  
0.1uF

]  
[  
C869  
EIA0402A  
0.1uF

]  
[  
C87  
EIA0402SM  
0.1

]  
[  
C870  
EIA1206O  
22uF

]  
[  
C871  
EIA0603O  
22pF

]  
[  
C872  
EIA1206O  
10uF

]



[  
C873  
EIA0402A  
0.1uF

]  
[  
C874  
EIA0402A  
0.1uF

]  
[  
C875  
EIA0402A  
0.1uF

]  
[  
C876  
EIA1206O  
22uF

]  
[  
C877  
EIA0402A  
0.1uF

]  
[  
C88  
EIA0402SM  
0.1

]  
[  
C89  
EIA0402SM  
0.1

]  
[  
C90  
EIA0402SM  
0.1

] [  
C91  
EIA0402SM  
0.1

] [  
C92  
EIA0402SM  
560pF

] [  
D1  
SOT23C  
BAT54

] [  
D3  
EIA1206D  
GREEN

] [  
D701  
SOT23C  
NO-POP

] [  
DS800  
EIA1206D  
GREEN

] [  
DS801  
EIA1206D  
GREEN

] [  
DS802  
EIA1206D  
GREEN

]
[
DS803
EIA1206D
GREEN

]
[
E1
NFM18CA
NFM18CC222R1C3

]
[
E2
NFM18CA
NFM18CC222R1C3

]
[
E3
NFM18CA
NFM18CC222R1C3

]
[
E4
NFM18CA
NFM18CC222R1C3

]
[
E5
NFM18CA
NFM18CC222R1C3

]
[
E6
NFM18CA
NFM18CC222R1C3

]
[
E7
NFM18CA
NFM18CC222R1C3

]
[
J1
SMTCON40X2A
SFM-140-L2-S-D-L

]
[
J7
SOLC-115
HEADER 4x15

]
[
J800
RJHSB
CON16 (RGMII)

]
[
J801
J-87332-14
MOLEX 87332-1420

]
[
J9
MEZCON1
EDGE CONNECTOR

]
[
L11
EIA08050
Ferrite Chip

]
[
L3
SMTIND
NO-POP

]
[
L4
SMTIND
NO-POP

]
[
L601
DR127
22 uH

]
[
L7
EIA08050
BLM21P221SN

]
[
L701
IHLP2525CZ
4.7 uH

]
[
L702
IHLP5050CE2
4.7 uH

]
[
L703
IHLP5050CE2
4.7 uH

]
[
L8
EIA08050
BLM21P221SN

]
[
L800
EIA06030
BLM18AG221SN1

]
[
L802
EIA06030

BLM18AG601SN1

] [  
L803  
EIA06030  
BLM18AG601SN1

] [  
L804  
EIA06030  
BLM18AG601SN1

] [  
Q601  
MSOP8  
ZXM64N02X

] [  
Q800  
DPAKA  
MJD45H11

] [  
Q801  
DPAKA  
MJD45H11

] [  
R1  
EIA06030  
33.2K

] [  
R10  
EIA0402SMR1  
33

] [  
R11

EIA06030  
0

]  
[  
R12  
EIA06030  
10K

]  
[  
R121  
EIA0402SM  
100

]  
[  
R13  
EIA06030  
10K

]  
[  
R14  
EIA0402  
0

]  
[  
R2  
EIA06030  
30.1k

]  
[  
R20  
EIA0402SM  
0

]  
[  
R21  
EIA0402SM  
0

]  
[

R211  
EIA0402SM  
4.7K

]  
[  
R212  
EIA0402SM  
4.7K

]  
[  
R3  
EIA0402SMR1  
10K

]  
[  
R4  
EIA0402SMR1  
1K

]  
[  
R404  
EIA0402SM  
33

]  
[  
R405  
EIA0402SM  
1K

]  
[  
R41  
EIA0402  
360

]  
[  
R413  
EIA0402SM  
1K 1%

]



[  
R414  
EIA0402SM  
1K 1%

]  
[  
R424  
EIA0402SM  
10K

]  
[  
R425  
EIA0402SM  
10K

]  
[  
R427  
EIA0402SMR1  
1K

]  
[  
R428  
EIA0402SMR1  
NO-POP

]  
[  
R429  
EIA0402SMR1  
NO-POP

]  
[  
R430  
EIA0402SMR1  
NO-POP

]  
[  
R431  
EIA0402SMR1  
NO-POP

]
[
R432
EIA0402SMR1
1K

]
[
R433
EIA0402SMR1
1K

]
[
R434
EIA0402SMR1
NO-POP

]
[
R435
EIA0402SMR1
NO-POP

]
[
R436
EIA0402SMR1
NO-POP

]
[
R437
EIA0402SMR1
NO-POP

]
[
R438
EIA0402SMR1
1K

]
[
R439
EIA0402SMR1
1K

]
[
R440
EIA0402SMR1
1K

]
[
R441
EIA0402SMR1
NO-POP

]
[
R442
EIA0402SMR1
2.2K

]
[
R443
EIA0402SMR1
NO-POP

]
[
R444
EIA0402SMR1
NO-POP

]
[
R445
EIA0402SMR1
2.2K

]
[
R446
EIA0402SMR1
2.2K

]
[
R447
EIA0402SMR1
2.2K

] [  
R448  
EIA0402SMR1  
2.2K

] [  
R449  
EIA0402SMR1  
NO-POP

] [  
R450  
EIA0402SMR1  
1K

] [  
R451  
EIA0402SMR1  
1K

] [  
R452  
EIA0402SMR1  
1K

] [  
R453  
EIA0402SMR1  
1K

] [  
R454  
EIA0603  
NO-POP

] [  
R455  
EIA0402SMR1  
NO-POP

]
[
R456
EIA0402SMR1
1K

]
[
R457
EIA0603
1K

]
[
R458
EIA0402SMR1
1K

]
[
R459
EIA0402SMR1
1K

]
[
R460
EIA0402SMR1
NO-POP

]
[
R461
EIA0402SMR1
NO-POP

]
[
R462
EIA0402SMR1
NO-POP

]
[
R463
EIA0402SMR1

1K

] [  
R464  
EIA0402SMR1  
1K

] [  
R465  
EIA0402SMR1  
1K

] [  
R466  
EIA0402SMR1  
1K

] [  
R467  
EIA0402SMR1  
1K

] [  
R468  
EIA0402SMR1  
10K

] [  
R469  
EIA0402SMR1  
10K

] [  
R470  
EIA0402SMR1  
10K

] [  
R471

EIA0402SMR1  
1K

]  
[  
R472  
EIA0402SMR1  
1K

]  
[  
R473  
EIA0402SMR1  
1K

]  
[  
R481  
EIA0402SM  
NO-POP

]  
[  
R482  
EIA0603O  
200

]  
[  
R483  
EIA0603O  
200

]  
[  
R484  
EIA0603O  
200

]  
[  
R485  
EIA0603O  
200

]  
[

R486  
EIA06030  
40.2

]  
[  
R487  
EIA06030  
20

]  
[  
R488  
EIA0402SM  
10K

]  
[  
R5  
EIA0402SMR1  
1K

]  
[  
R502  
EIA0402SM  
0

]  
[  
R503  
EIA0402SM  
0

]  
[  
R505  
EIA0402SM  
NO-POP

]  
[  
R510  
EIA06030  
R

]



[  
R511  
EIA06030  
R

]  
[  
R52  
EIA06030  
220

]  
[  
R6  
EIA0402SMR1  
0

]  
[  
R601  
EIA06030  
NO-POP

]  
[  
R602  
EIA06030  
2.74K 1%

]  
[  
R603  
EIA06030  
10.0K 1%

]  
[  
R604  
EIA06030  
953 1%

]  
[  
R605  
EIA06030  
2.15K

] [  
R606  
EIA06030  
2K

] [  
R7  
EIA0402SMR1  
0

] [  
R701  
EIA06030  
71.5K 1%

] [  
R702  
EIA06030  
71.5K 1%

] [  
R703  
EIA06030  
10K 1%

] [  
R704  
EIA06030  
NO-POP

] [  
R705  
EIA06030  
NO-POP

] [  
R706  
EIA06030  
NO-POP

] [  
R707  
EIA06030  
3.74K 1%

] [  
R708  
EIA06030  
28.7K 1%

] [  
R709  
EIA06030  
71.5K 1%

] [  
R711  
EIA06030  
19.6K 1%

] [  
R712  
EIA06030  
1.3K 1%

] [  
R713  
EIA06030  
698 1%

] [  
R714  
EIA06030  
10K 1%

] [  
R715  
EIA06030  
10K 1%

] [  
R716  
EIA06030  
10K 1%

] [  
R717  
EIA06030  
10K 1%

] [  
R718  
EIA06030  
9.76K 1%

] [  
R719  
EIA06030  
383 1%

] [  
R720  
EIA06030  
NO-POP

] [  
R721  
EIA06030  
8.06K 1%

] [  
R722  
EIA06030  
10K 1%

] [  
R723  
EIA06030  
NO-POP

] [  
R724  
EIA06030  
10K

] [  
R727  
EIA06030  
0

] [  
R728  
EIA06030  
0

] [  
R729  
EIA06030  
0

] [  
R730  
EIA06030  
NO-POP

] [  
R777  
EIA06030  
21.5K 1%

] [  
R782  
EIA06030  
NO-POP

] [  
R785  
EIA06030

10K 1%

] [  
R790  
EIA06030  
10K

] [  
R797  
EIA06030  
10K

] [  
R799  
EIA06030  
NO-POP

] [  
R800  
EIA06030  
10K

] [  
R801  
EIA06030  
10K

] [  
R802  
EIA0402A  
360

] [  
R803  
EIA0402A  
360

] [  
R804

EIA06030  
10K

]  
[  
R805  
EIA06030  
10K

]  
[  
R806  
EIA06030  
49.9 1%

]  
[  
R807  
EIA06030  
49.9 1%

]  
[  
R808  
EIA06030  
49.9 1%

]  
[  
R809  
EIA06030  
49.9 1%

]  
[  
R810  
EIA06030  
49.9 1%

]  
[  
R811  
EIA06030  
49.9 1%

]  
[

R812  
EIA06030  
49.9 1%

]  
[  
R813  
EIA06030  
49.9 1%

]  
[  
R814  
EIA0402A  
360

]  
[  
R815  
EIA0402A  
360

]  
[  
R816  
EIA0402A  
360

]  
[  
R817  
EIA0402A  
NO-POP

]  
[  
R818  
EIA0402A  
NO-POP

]  
[  
R819  
EIA0402A  
NO-POP

]



[  
R820  
EIA0402A  
NO-POP

]  
[  
R821  
EIA0402A  
NO-POP

]  
[  
R822  
EIA0402A  
10k

]  
[  
R823  
EIA0402A  
NO-POP

]  
[  
R824  
EIA0402A  
10k

]  
[  
R825  
EIA0402A  
10k

]  
[  
R826  
EIA0402A  
NO-POP

]  
[  
R827  
EIA0402A  
NO-POP

] [  
R828  
EIA0402A  
10k

] [  
R829  
EIA06030  
1.24k 1%

] [  
R830  
EIA0402A  
NO-POP

] [  
R831  
EIA0402A  
NO-POP

] [  
R832  
EIA0402A  
NO-POP

] [  
R833  
EIA0402A  
NO-POP

] [  
R834  
EIA0402A  
NO-POP

] [  
R835  
EIA0402A  
NO-POP

] [  
R836  
EIA06030  
100

] [  
R837  
EIA0402A  
NO-POP

] [  
R838  
EIA06030  
100

] [  
R839  
EIA0402A  
NO-POP

] [  
R840  
EIA0402A  
NO-POP

] [  
R841  
EIA0402A  
NO-POP

] [  
R842  
EIA0402A  
NO-POP

] [  
R843  
EIA0402A  
100K

] [  
R844  
EIA0402A  
0

] [  
R845  
EIA0402A  
390

] [  
R846  
EIA0402A  
390

] [  
R890  
EIA0402A  
0

] [  
R891  
EIA0402A  
0

] [  
R892  
EIA0402A  
0

] [  
R893  
EIA0402A  
0

] [  
R894  
EIA0402A  
360

] [  
R895  
EIA06030  
1k

] [  
R91  
EIA0402SM  
100

] [  
R92  
EIA0402SM  
22

] [  
R93  
EIA0402SM  
22

] [  
R94  
EIA06030  
30.1k

] [  
R95  
EIA0402SM  
100

] [  
RN1  
EXB-2HVS  
42

] [  
RN2  
EXB-2HVS

42

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]
[
RN3
EXB-2HVS
42
```

```
]
[
RN33
EXB-2HVS
RPACK8-10
```

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]
[
SW2
101215
PUSHBUTTON
```

```
]
[
SW3
SMTDIPSW8A
SW DIP-8/SM
```

```
]
[
T800
S558-5999-T4
S558-5999-T4
```

```
]
[
TP1
CON1
TestPoint1
```

```
]
[
TP11
CON1
TestPoint1
```

```
]
[
TP12
```

CON1  
TestPoint1

]  
[  
TP13  
CON1  
TestPoint1

]  
[  
TP14  
CON1  
TestPoint1

]  
[  
TP15  
CON1  
TestPoint1

]  
[  
TP2  
CON1  
TestPoint1

]  
[  
TP3  
CON1  
TestPoint1

]  
[  
TP4  
CON1  
TestPoint1

]  
[  
TP5  
CON1  
TestPoint1

]  
[

TP6  
CON1  
TestPoint1

]  
[  
TP602  
CON1  
TP

]  
[  
TP7  
CON1  
TestPoint1

]  
[  
TP701  
CON1  
TestPoint1

]  
[  
TP702  
CON1  
TestPoint1

]  
[  
TP703  
CON1  
TestPoint1

]  
[  
TP704  
CON1  
TestPoint1

]  
[  
TP705  
CON1  
TestPoint1

]



6455\_mezz\_netlist.NET

```
[  
U1  
PSOP20T  
TPS76701QPWP
```

```
]  
[  
U10  
BGA697-ZTZ  
tmx320c6455ztz
```

```
]  
[  
U2  
PLCC20  
GAL16LV8-15
```

```
]  
[  
U28  
CB3LV  
25 MHz
```

```
]  
[  
U29  
CB3LV  
50 MHz
```

```
]  
[  
U3  
PSOP20PW  
74CBTLV3245A
```

```
]  
[  
U32  
BGA21X9_92  
MT47H64M16BT
```

```
]  
[  
U33  
BGA21X9_92  
MT47H64M16BT
```

]
[
U36
SO8W
AT24C1024W-10SI-

]
[
U38
LV7745
LV7745D-125Mhz

]
[
U4
DCK5
SN74AHC1G14

]
[
U601
PSOP16T
TPS54350PWP

]
[
U701
PSOP20T
TPS54110PWP

]
[
U702
PSOP28T
TPS54610PWP

]
[
U703
PSOP28T
TPS54610PWP

]
[
U704
DBV6
TPS3808G01DBVR

```
]
[
U705
DBV6
TPS3808G01DBVR
```

```
]
[
U706
DBV6
TPS3808G01DBVR
```

```
]
[
U707
DRB8
TPS73615DRB
```

```
]
[
U709
TO-263
UC385TDKTTT-ADJ
```

```
]
[
U800
BGA16X16-1MM
BCM5464
```

```
]
[
U801
SSOP8-DCT
SN74TVC3306
```

```
]
[
Y800
ABM7
25 MHz
```

```
]
(
DSPB_TBSDWEZ
U10,B13
U32,N3
U33,N3
```

```
)  
(  
DSPB_TBCLKOUTP  
U10,B14  
U32,M8  
U33,M8  
)  
(  
DSPB_TBED28  
U10,A24  
U33,G1  
)  
(  
VCC_2.5V  
R1,1  
U1,14  
U1,13  
C68,1  
TP6,1  
R822,1  
R828,1  
R825,1  
R818,1  
R819,1  
R826,1  
R832,1  
R821,2  
R842,2  
R817,2  
R823,2  
R839,2  
R824,1  
R827,1  
R846,2  
R845,2  
R837,1  
R833,1  
R831,1  
L802,1  
U800,M6  
U800,N14  
U800,N13  
U800,D16  
U800,B1  
U800,N15  
U800,N16  
U800,N4  
U800,N2  
U800,N1  
U800,G16  
U800,N3  
C816,1  
C817,1  
C815,1  
C814,1  
C845,1  
C848,1  
C869,1  
C830,1  
C831,1  
C847,1  
U800,C16  
C852,1
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C833,1
C832,1
C836,1
)
(
DSPB_TBSDCKEZ
U10,D14
U32,N2
U33,N2
)
(
N21230725
U1,15
R2,1
R1,2
)
(
DSPB_TBFA9
U10,C16
U33,U3
U32,U3
)
(
HUR_EMU11
J7,C7
RN1,4
)
(
DSPB_TBFA13
U10,A7
U32,G9
)
(
HUR_EMU4
RN2,7
J7,C12
)
(
DSPB_TBFA0
U10,D18
U32,R8
U33,R8
)
(
HUR_EMU5
J7,B11
RN1,3
)
(
DSPB_TBFA0
U10,C15
U33,P2
U32,P2
)
(
MUX_EMU1
R511,1
U3,17
)
(
DSPB_TBFA12
U10,B7
U32,G1
```

```
)  
(  
MUX_EMU0  
R510,1  
U3,18  
)  
(  
DSPB_TBEA3  
U10,A18  
U32,T2  
U33,T2  
)  
(  
HUR_EMU6  
J7,C11  
RN1,1  
)  
(  
DSPB_TBED11  
U10,F9  
U32,G3  
)  
(  
HUR_EMU7  
J7,B10  
RN1,2  
)  
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U10,AG23

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U800,B4
U800,F15
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C862,1
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PG_1.5V
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U1,7  
C67,1  
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U703,23  
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C799,1  
C710,1  
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U703,21  
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R717,2  
R797,2  
R724,2  
C741,1  
U709,1  
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U702,21  
R785,2  
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C786,1  
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U701,14  
U701,15  
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DSPB_TAE2
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C143,1  
C142,1  
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U32,M1  
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C144,1  
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C147,1  
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U33,D1

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Q801,E  
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U33,G7  
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DS800,ANODE

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DSPB_TBEA7  
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U33,U2  
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DSPB_TBED14  
U10,D7  
U32,E1  
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DSPB_TBEA13  
U10,B15  
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DSPB_TBED24  
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U33,F8  
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DSPB_TBSDDQS3N  
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U33,D8  
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U32,V2
U33,V2
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DSPB_TBSDDQS3P
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U33,E7
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DSPB_TBCEZ
U10,E14
U32,P8
U33,P8
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DSPB_TBSDDQS2N
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DSPB_TBSDDQS2P
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U33,J7
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DSPB_TBSDDQS1N
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U32,D8
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DSPB_TBSDCASZ
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U33,P7
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DSPB_TBSDDQS1P
U10,E8
U32,E7
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DSPB_TBBA1
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U33,P3
U32,P3
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DSPB_TBED21
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U10,F21
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DSPB_TBED20
U10,A21
U33,L1
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U33,L3  
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DSPB_TBED18  
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U33,L7  
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U33,P1  
U32,P1  
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U33,K2  
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U33,K8  
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U33,E9  
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U33,E1  
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DSPB_TBED29  
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U33,G9  
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