



## EPPL COMPONENT

Originator: null

Status: CLOSED

Company: UMS

Accepted: 2010-09-14

EPPL Part: 2

Group: MICROCIRCUITS      Subgroup: MICROWAVE MONOLITIC  
Part type: INTEGRATED CIRCUITS  
(MMIC)

HB20M

Description: Mixed digital/analog MMIC HBT process  
InGaP HBT (2 &#956;m emitter width)  
Application in mixed digital/analog circuits up to Ku band

Detail spec:

Package: N/A

Manufacturer: UMS

### APPROVAL STATUS

Qualification: Others

Other:

Highest screening level (MIL): No Qualification

Evaluation programmes or other approvals:

Former space usage:

### PREVIOUS PROCUREMENT AND TEST DATA

Test data (Evaluation, Lot acceptance, DPA, MIL QCI/TCI, ...):

### RADIATION HARDNESS DATA

Total dose effects:

Displacement damage:

Single event effects (SEL/SEU/SET/SEFI/SEB/SEGR/others):

### REMARKS

Single Events Effects have to be considered due to the digital elements