



EPPL COMPONENT

Originator: Takashi Tamura

Status: CLOSED

Company: UMS

Accepted: 2012-06-26

EPPL Part: 2

Group: MICROCIRCUITS

Subgroup:

MICROWAVE MONOLITIC
INTEGRATED CIRCUITS
(MMIC)

Part type:

HP07-20

Description:

MMIC, GaAs Foundry Process, MESFET 0.7 um for power applications up to Ku Band.
Replacement of HP07 Process by HP07-20 process due to a change in the gate lithography process.

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

DO NOT USE BEYOND Vgdmax/2 DUE TO SENSITIVITY TO HEAVY IONS.