

C-Band Receiver



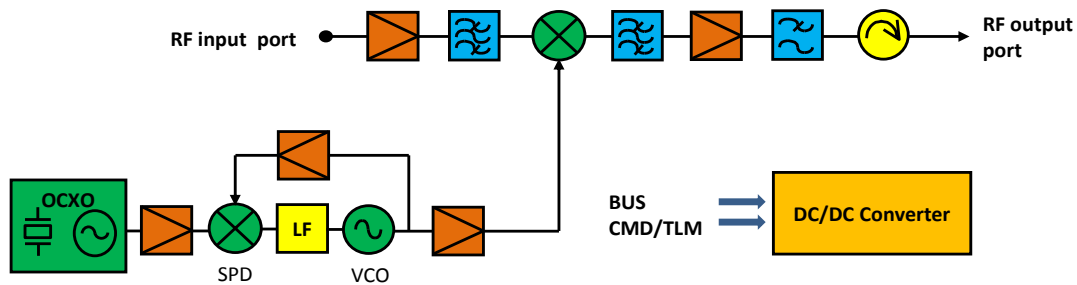
Features

- ❖ Compact size and low mass
- ❖ Low noise figure and low phase noise
- ❖ High frequency stability using OCXO
- ❖ Wide bandwidth
- ❖ Outstanding spurious rejection

Heritage

- ❖ ST-2
- ❖ Turksat
and more

Block Diagram



Main Performances

Input Frequency Range	5.9 - 6.7 GHz
Output Frequency Range	3.4 - 4.2 GHz
Usable Bandwidth	800 MHz
Frequency Stability over temp.	± 1.7 ppm
Gain	> 56 dB
Gain Flatness	< 1.2 dB
Input Level	-43 dBm
Nose Figure	< 1.3 dB
C/3IM	> 53 dBc
Group Delay	< 1.0 nsec p-p
Power Consumption	8.4 W nom.
Dimension (L x W x H)	160 x 90 x 140 mm
Mass	< 1.2 kg

*Non contractual information. Subject to change without notice.

For further information please contact us at: sales@east.melos.co.jp or by phone: +81-3-5719-8645