

## Amateur TV Useful Links

BATC Main Site <http://www.batc.org.uk/>

BATC Wiki [https://wiki.batc.org.uk/BATC\\_Wiki](https://wiki.batc.org.uk/BATC_Wiki) All the info on the DATV systems

BATC Forum <https://forum.batc.org.uk/>

Soldering SMD Video <https://www.youtube.com/watch?v=LSy3r85QB4E>

DX Spot <https://www.dxspot.tv/>

Space Flight Now <https://spaceflightnow.com/> Launch Schedules +

## Suppliers:-

Digikey <https://www.digikey.co.uk> (Parts come from the US but delivery normally within 48hrs.Paid for in £)

CPC Farnel <http://cpc.farnell.com/>

Banggood for ADF4351 direct from China <https://www.banggood.com/> (LO covers 35MHz to 6GHz)

## Abbreviations

RB-TV – **R**educed **B**andwidth **T**elevisi**O**n - sometimes referred to as Narrow Band TV

NIM – **N**etwork **I**nterface **M**odule

QPSK – Quadrature Phase Shift Keying – Commonly used digital modulation

Bit rate – Number of bits per second of data – used in DATV to describe the video and audio bit rate before modulation

Symbol Rate – Used in DATV to describe the actual modulation rate after FEC

FEC – Forward Error Correction

STB – Set Top Box

FTA – Free To Air – A consumer set top box capable of RX non encrypted signals as opposed to SKY

SMD – Surface Mount Device

GPIO – General Purpose Input Output – refers to the 40 pin connector on the Raspberry Pi

MER – Mean Error Rate

DSI – Display Serial Interface

CSI – Camera Serial Interface