



Electronic Parts and Components

SAW DEVICE SELECTION TABLE

for

Multimedia Applications

(TV, CATV, VCR, DVB, DAB, SAT)

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IF Filters for Intercarrier Applications

| Picture Carrier MHz | Type | | PC - SC | Sound | Color | Group Delay | | Standard | Package |
|---------------------|---------------|-----------|--------------|------------|------------|-------------|----------|-----------|---------|
| | | | Distance MHz | Carrier dB | Carrier DB | sag ns | CC ns | | |
| 38.00 | K2953M | i, | 5.5...6.5 | 20, 21 | 3.1 | -85 | -30 | D/K, B/G | SIP5K |
| | K2958M | i, | 5.5...6.5 | 20, 20 | 1.4 | ripple=50 | | D/K, B/G | SIP5K |
| | K2959M | i, | 5.5...6.5 | 17, 19 | 1.0 | ripple=30 | | D/K, B/G | SIP5K |
| | K2963M | | 5.5...6.5 | 20, 21 | 4.5 | -95 | -25 | D/K, B/G | SIP5K |
| | K2965M | i, | 5.5...6.5 | 19, 20 | 2.9 | -50 | 50 | D/K, B/G | SIP5K |
| | K2972M | | 5.5...6.5 | 15, 16 | 1.2 | ripple=40 | | D/K, B/G | SIP5K |
| | K2973M | i, | 5.5...6.5 | 17, 20 | 1.7 | -80 | 0 | D/K, B/G | SIP5K |
| | K6264K | p,i | 5.5...6.5 | 19, 20 | 2.2 | 0 | 35 | D/K, B/G | DIP10K |
| | K6264K | p,i | 4.5 | 21 | 4.8 | ripple=40 | | M/N | DIP10K |
| | K6265K | p,i | 5.5...6.5 | 18, 21 | 1.8 | -80 | -20 | D/K, B/G | DIP10K |
| | K6265K | p,i | 4.5 | 22 | 5.6 | ripple=40 | | M/N | DIP10K |
| | K6268K | p, | 4.5 | 20 | 5.7 | ripple=40 | | M/N | DIP10K |
| | K6277K | p, | 4.5 | 18 | 4.1 | ripple=40 | | M/N | DIP10K |
| | K6277K | p, | 5.5...6.5 | 19, 19 | 2.0 | 15 | 30 | D/K, B/G | DIP10K |
| | K6284K | p, | 4.5 | 22 | 3.3 | ripple=50 | | M/N | DIP10K |
| | M1973D | | 4.5 | 20 | 1.1 | 0 | 40 | M/N | SIP5D |
| 38.90 | G1872M | | 5.5 | 20 | 3.9 | -100 | 65 | B/G | SIP5K |
| | G1875M | | 5.5 | 20 | 2.7 | -50 | 70 | B/G | SIP5K |
| | G1962M | *,i | 5.5 | 20 | 2.3 | -70 | 30 | B/G | SIP5K |
| | G1963M | *,i | 5.5 | 20 | 0.9 | -85 | 0 | B/G | SIP5K |
| | G1965M | *,i | 5.5 | 20 | 1.0 | ripple=50 | | B/G | SIP5K |
| | G1966M | *, | 5.5 | 19 | 2.8 | -50 | 60 | B/G | SIP5K |
| | G1968M | *, | 5.5 | 20 | 3.7 | -90 | 165 | B/G | SIP5K |
| | G1974M | *, | 5.5 | 18 | 1.7 | -40 | 60 | B/G | SIP5K |
| | G1975M | *,i | 5.5 | 20 | 2.8 | -90 | 100 | B/G | SIP5K |
| | G1980M | *, | 5.5 | 16 | 4.0 | ripple=50 | | B/G | SIP5K |
| | G1985M | *, | 5.5...5.85 | 14, 14 | 0.2 | -90 | 70 | B/G NICAM | SIP5K |
| | G1986M | *,i | 5.5...5.85 | 14, 14 | 0.7 | -90 | 10 | B/G NICAM | SIP5K |
| | J1955M | | 6.0 | 22 | 3.2 | ripple=40 | | I | SIP5K |
| | J1956M | *,i | 6.0 | 20 | 2.5 | ripple=40 | | I | SIP5K |
| | J1981M | *,i | 6.0...6.55 | 13, 14 | 0.8 | ripple=40 | | I NICAM | SIP5K |
| | K2955M | i, | 5.5...6.5 | 21, 20 | 3.8 | -50 | 0 | B/G, D/K | SIP5K |
| | K2962M | | 5.5...6.0 | 15, 15 | 1.0 | ripple=40 | | B/G, I | SIP5K |
| | K2966M | i, | 5.5...6.5 | 19, 20 | 3.1 | -60 | 50 | B/G, D/K | SIP5K |
| | K2967M | | 5.5...6.5 | 20, 21 | 2.0 | -65 | 0 | B/G, D/K | SIP5K |
| | K2971M | i, | 5.5...6.5 | 19, 19 | 0.7 | -70 | 20 | B/G, D/K | SIP5K |
| K2977M | | 5.5...6.5 | 14, 14 | 1.1 | -65 | 0 | B/G, D/K | SIP5K | |

cont.



IF Filters for Intercarrier Applications (cont.)

| Picture Carrier MHz | Type | PC - SC Distance MHz | Sound Carrier dB | Color Carrier DB | Group sag ns | Delay CC ns | Standard | Package | |
|---------------------|---------------|----------------------|------------------|------------------|--------------|-------------|----------|----------|--------|
| 38.90 | K6255K | *, p | 5.5 | 19 | 3.1 | -60 | 20 | B/G | DIP10K |
| | K6255K | p, | 6.5 | 20 | 0.8 | -50 | 20 | D/K | DIP10K |
| | K6256K | *, p | 5.5 | 20 | 2.3 | -65 | 30 | B/G | DIP10K |
| | K6259K | p, i | 5.5...6.5 | 18, 17 | 0.3 | -75 | 20 | B/G, D/K | DIP10K |
| | K6259K | p, i | 4.5 | 18 | 1.9 | ripple=40 | | M/N | DIP10K |
| | K6260K | *, p | 5.5 | 16 | 2.1 | -70 | 40 | B/G | DIP10K |
| | K6262K | p, | 4.5 | 17 | 2.4 | ripple=40 | | B/G | DIP10K |
| | K6270K | *, p | 5.5 | 20 | 3.0 | -70 | 150 | B/G | DIP10K |
| | K6270K | p, | 6.5 | 20 | 1.0 | -60 | 30 | D/K | DIP10K |
| | K6271K | *, p | 5.5 | 18 | 2.1 | -65 | 150 | B/G | DIP10K |
| | K6272K | *, p | 5.5 | 20 | 2.8 | -60 | 20 | B/G | DIP10K |
| | K6272K | p, | 5.5...6.5 | 14, 14 | 1.2 | -70 | 0 | B/G, D/K | DIP10K |
| | K6276K | p, | 4.5 | 18 | 1.6 | ripple=40 | | M/N | DIP10K |
| | K6276K | *, p, | 5.5...6.5 | 17, 18 | 0.2 | -75 | 10 | B/G, D/K | DIP10K |
| | K6292K | p, | 4.5 | 18 | 2.1 | ripple=40 | | M/N | DIP10K |
| | K7252M | p, i | 5.5...6.5 | 17, 19 | 1.2 | -40 | 50 | B/G,D/K | SIP5K |
| | K7252M | p, i | 4.5 | 18 | 1.8 | ripple=50 | | M/N | SIP5K |
| | K7255M | p, | 5.5...6.5 | 17, 16 | 0.2 | -70 | 20 | B/G,D/K | SIP5K |
| | K7255M | p, | 4.5...6.5 | 18, 18, 17 | 1.4 | ripple=40 | | M/N | SIP5K |
| | M1956M | | 4.5 | 21 | 1.1 | 0 | 110 | M/N | SIP5K |
| 39.50 | J1951M | * | 6.0 | 22 | 3.8 | ripple=40 | | I | SIP5K |
| | J1953M | | 6.0 | 20 | 2.9 | ripple=40 | | I | SIP5K |
| 45.75 | M1859M | | 4.5 | 17 | 4.5 | ripple=40 | | M/N | SIP5K |
| | M1861M | | 4.5 | 17 | 4.3 | ripple=50 | | M/N | SIP5K |
| | M1862M | | 4.5 | 14 | 1.6 | ripple=50 | | M/N | SIP5K |
| | M1865D | i, | 4.5 | 13 | 0.3 | ripple=50 | | M/N | SIP5D |
| | M1958M | | 4.5 | 20 | 4.3 | ripple=50 | | M/N | SIP5K |
| | M1962M | **, | 4.5 | 20 | 5.2 | ripple=50 | | M/N | SIP5K |
| | M1964M | | 4.5 | 20 | 4.3 | ripple=50 | | M/N | SIP5K |
| | M1967M | ** , i | 4.5 | 19 | 1.0 | ripple=40 | | M/N | SIP5K |
| | M1971M | | 4.5 | 17 | 2.0 | ripple=40 | | M/N | SIP5K |
| 58.75 | N1910M | h, | 4.5 | 19 | 3.5 | ripple=40 | | M | SIP5K |
| | N1951M | i, | 4.5 | 18 | 4.0 | ripple=50 | | M | SIP5K |
| | N1952D | | 4.5 | 19 | 2.0 | ripple=50 | | M | SIP5D |

*: suitable for CENELEC EN 55020

** : suitable for FCC EIA / IS-31

p: pin configuration different from standard package

s: samples available (not yet in production)

o: obsolete type (not for new designs)

h: high temperature stability

i: data sheet is available in Internet



IF Filters for Quasi/Split Sound Applications

| Picture Carrier MHz | Type | PC - SC Distance MHz | Sound Carrier dB | Color Carrier DB | Group sag ns | Delay CC ns | Standard | Package |
|---------------------|----------------|----------------------|------------------|------------------|--------------|-------------|-----------|---------|
| 38.00 | K3264K | 5.5...6.5 | 35, 39 | 0.6 | -75 | -15 | D/K, B/G | DIP10K |
| | K3351K *, # | 5.5...6.5 | 45, 48 | 1 | -35 | 50 | D/K, B/G | DIP10K |
| 38.90 | G3254K * | 5.5...5.85 | 33, 23 | 0.1 | -95 | 60 | B/G NICAM | DIP10K |
| | G3264K * | 5.5...5.85 | 36, 23 | 0.1 | -70 | 120 | B/G NICAM | DIP10K |
| | G3354K *, p, # | 5.5...5.85 | 41, 23 | -0.3 | -60 | 40 | B/G NICAM | DIP10K |
| | G3355K *, #, i | 5.5...5.85 | 42, 25 | 0.4 | -55 | 40 | B/G NICAM | DIP10K |
| | G3652K p, # | 5.5...5.85 | 35, 23 | -0.4 | ripple=40 | | B/G NICAM | DIP10K |
| | J3351K p, # | 6.0...6.55 | 43, 47 | 2.6 | ripple=40 | | I NICAM | DIP10K |
| | J3353K *, #, i | 6.0...6.55 | 52, 56 | -0.1 | 0 | -50 | I NICAM | DIP10K |
| | J3652K p, # | 6.0...6.55 | 56, 52 | -0.6 | ripple=40 | | I NICAM | DIP10K |
| | K3258K | 5.5...6.5 | 56, 44 | 0.3 | -30 | 40 | D/K, B/G | DIP10K |
| | K3350K *, #, i | 5.5...6.5 | 43, 55 | 1 | -90 | 30 | B/G, D/K | DIP10K |
| 38.90 | K3561M p, # | 5.5...6.5 | 49, 35 | 1.6 | -40 | 50 | B/G, D/K | SIP5K |
| 39.50 | J3352K *, # | 6.0...6.55 | 55, 51 | 0.3 | ripple=30 | | I NICAM | DIP10K |
| 45.75 | M3271K **, t | 4.5 | 29 | 0.1 | ripple=60 | | M/N | DIP10K |
| | M3352K **, # | 4.5 | 40 | 0 | ripple=50 | | M/N | DIP10K |
| | M3354K **, # | 4.5 | 28 | -0.4 | ripple=50 | | M/N | DIP10K |
| | M3565M p, # | 4.5 | 32 | 0.2 | ripple=60 | | M/N | SIP5K |
| | M3568M p, #, i | 4.5 | 43 | 2.4 | ripple=60 | | M/N | SIP5K |
| | M3654K p, #, i | 4.5 | 40 | 0.3 | 0 | -40 | M/N | DIP10K |
| 58.75 | N3561M p, # | 4.5 | 29 | 0.3 | ripple=50 | | M | SIP5K |
| | N3564M p, # | 4.5 | 40 | 0.0 | 0 | 80 | M | SIP5K |

*: suitable for CENELEC EN 55020

** : suitable for FCC EIA / IS-31

#: sound channel with sound passband only

i: data sheet is available in Internet

o: obsolete type (not for new designs)

t: optimized for Twin PLL IC's

p: pin configuration different from standard package



IF Filters for Video Applications

| Picture Carrier MHz | Type | PC - SC Distance MHz | Sound Carrier dB | Color Carrier DB | Group Delay sag ns | Delay CC ns | Standard | Package |
|---------------------|---------------|----------------------|------------------|------------------|--------------------|-------------|----------------|---------|
| 33.40 | G3957M | * | -6.5 | 30 | - | ripple=40 | L | SIP5K |
| | K3450K | *, p | -6.5 | 30 | - | ripple=40 | L | DIP10K |
| | K6260K | *, p | -6.5 | 41 | - | ripple=60 | L | DIP10K |
| 33.90 | K3953M | *, i | -6.5 | 53 | - | ripple=50 | L | SIP5K |
| | K6256K | *, p | -6.5 | 54 | - | ripple=40 | L | DIP10K |
| | K6257K | *, p | -6.5 | 54 | - | ripple=50 | L | DIP10K |
| | K6263K | *, p | -6.5 | 58 | - | -50 50 | L | DIP10K |
| | K6271K | *, p | -6.5 | 49 | - | ripple=40 | L | DIP10K |
| | K6292K | *, p | -6.5 | 55 | - | ripple=40 | L | DIP10K |
| | K7257M | p, i | -6.5 | 53 | - | -50 50 | L | SIP5K |
| 38.00 | K3955M | | 5.5...6.5 | 40, 56 | 0.8 | ripple=40 | B/G, D/K | SIP5K |
| | K3957M | * | 5.5...6.5 | 48, 55 | 1 | -50 50 | B/G, D/K | SIP5K |
| | K6266K | *, p | 5.5...6.5 | 48, 60 | 2.2 | -50 70 | B/G, D/K | DIP10K |
| | K6266K | p | 4.5 | 29 | 2.3 | 0 70 | M/N | DIP10K |
| | K6268K | *, p | 5.5...6.5 | 48, 57 | 2 | -90 -10 | B/G, D/K | DIP10K |
| | K6274K | *, p | 5.5...6.5 | 47, 49 | 2.5 | ripple=40 | B/G, D/K | DIP10K |
| | K6274K | p, | 4.5 | 31 | 3.0 | 0 50 | M/N | DIP10K |
| | K6284K | p, | 5.5...6.5 | 47, 56 | 0.9 | -90 10 | D/K, B/G | DIP10K |
| | K7262D | p, | 5.5...6.5 | 53, 44 | 1.8 | -50 70 | B/G, D/K | SIP5D |
| K7262D | p, | 4.5 | 47 | 1.9 | 20 70 | M/N | SIP5D | |
| 38.90 | G3957M | * | 5.5...6.5 | 6, 45 | 0 | ripple=40 | B/G, D/K, L | SIP5K |
| | K3450K | *, p, i | 5.5...6.5 | 5, 45 | 0 | ripple=40 | B/G, D/K, L | DIP10K |
| | K3450K | *, p, i | 5.5 | 48 | 0.8 | ripple=40 | B/G | DIP10K |
| | K3953M | *, i | 5.5...6.5 | 24, 52 | 1 | ripple=50 | B/G, D/K, L, I | SIP5K |
| | K3959D | *, i | 5.5...6.5 | 32, 50 | 1.1 | -50 20 | B/G, D/K, I | SIP5D |
| | G3956M | *, i | 5.5 | 39 | 1 | -85 70 | B/G | SIP5K |
| | G3958M | * | 5.5 | 38 | 0 | ripple=40 | B/G | SIP5K |
| | G3962M | *, i | 5.5 | 54 | 3 | -85 15 | B/G | SIP5K |
| | G3963M | * | 5.5 | 56 | 2.7 | ripple=50 | B/G | SIP5K |
| | G3964M | * | 5.5 | 51 | 2.6 | -20 40 | B/G | SIP5K |
| | G3967M | * | 5.5 | 61 | 3.4 | -85 15 | B/G | SIP5K |
| | G3970M | * | 5.5 | 48 | 3.7 | -35 150 | B/G | SIP5K |

cont.



IF Filters for Video Applications (cont.)

| Picture Carrier MHz | Type | PC - SC Distance MHz | Sound Carrier dB | Color Carrier DB | Group Delay sag ns | Delay CC ns | Standard | Package |
|---------------------|---------------|----------------------|------------------|------------------|--------------------|-------------|-------------|---------|
| 38.90 | K6256K | *, p | 6.0...6.5 | 53, 50 | 0.8 | ripple=40 | D/K, I, L | DIP10K |
| | K6257K | *, p | 5.5 | 44 | 1.3 | -55 70 | B/G | DIP10K |
| | K6257K | *, p | 6.0...6.5 | 52, 58 | 0.8 | ripple=50 | D/K, I, L | DIP10K |
| | K6260K | *, p | 6.5 | 51 | - | ripple=60 | L | DIP10K |
| | K6262K | *, p | 5.5 | 44 | 0.5 | ripple=40 | B/G | DIP10K |
| | K6263K | *, p | 5.5...6.5 | 42, 61 | 0.5 | -50 50 | B/G, D/K, L | DIP10K |
| | K6263K | p, | 4.5 | 29 | 2.2 | ripple=40 | M/N | DIP10K |
| | K6271K | *, p | 6.0...6.5 | 64, 51 | 0.5 | ripple=40 | D/K, L, I | DIP10K |
| | K6292K | *, p | 6.0...6.5 | 58, 56 | 0.5 | ripple=40 | D/K, L, I | DIP10K |
| | K7257M | p, i | 5.5...6.5 | 43, 60 | 0.5 | -50 50 | B/G, D/K, L | SIP5K |
| | K7257M | p, i | 4.5 | 39 | 2.6 | ripple=50 | M/N | SIP5K |
| | M3960M | | 4.5 | 45 | 3.3 | ripple=35 | M/N | SIP5K |
| 39.50 | J3950M | *, | 6.0 | 52 | 2.1 | ripple=40 | I | SIP5K |
| 45.75 | M3951M | ** , i | 4.5 | 32 | 2.2 | -10 -40 | M/N | SIP5K |
| | M3953M | ** , | 4.5 | 37 | 0.2 | ripple=40 | M/N | SIP5K |
| 58.75 | N3954M | | 4.5 | 40 | 0.3 | ripple=60 | M | SIP5K |
| | N3958M | i, | 4.5 | 40 | 2.8 | ripple=60 | M | SIP5K |

*: suitable for CENELEC EN 55020

** : suitable for FCC EIA / IS-31

p: pin configuration different from standard package

i: data sheet is available in Internet



IF Filters for Audio Applications

| Sound Carrier MHz | Type | PC - SC Distance MHz | Picture Carrier DB | Standard | Package |
|-------------------|--------------------|----------------------|--------------------|------------------|---------|
| 31.50-32.50 | K9261M | 5.5...6.5 | 0 | D/K, I, B/G | SIP5K |
| | K9351M #, i | 5.5...6.5 | -48 | D/K, I, B/G | SIP5K |
| | K9355D #, | 5.5...6.5 | -54 | D/K, I, B/G | SIP5D |
| | K9455M p, #, | 5.5...6.5 | -56 | D/K, I, B/G | SIP5K |
| | K9553M p, s, | 5.5...6.5 | 0 | D/K, I, B/G | SIP5K |
| 31.50-33.50 | K9252M | 4.5...6.5 | 0 | D/K, I, B/G, M/N | SIP5K |
| | K9352M #, i | 4.5...6.5 | -52 | D/K, I, B/G, M/N | SIP5K |
| 32.40 | L9360M #, | 6.5 | -48 | L | SIP5K |
| | L9455M p, # | 5.85...6.5 | -45 | L NICAM | SIP5K |
| | L9456M p, # | 6.5 | -48 | L | SIP5K |
| | L9460M p, # | 6.5 | -54 | L | SIP5K |
| | L9461M p, # | 6.5 | -50 | L | SIP5K |
| | L9653M p, #, i | 6.5 | -60 | L | SIP5K |
| | L9654M p, #, i | 5.85...6.5 | -55 | L NICAM | SIP5K |
| 32.40-32.90 | K9460M p, # | 6.0...6.5 | -50 | D/K, L, I | SIP5K |
| | K9552M p, | 6.0...6.55 | 0 | D/K, L, I NICAM | SIP5K |
| | K9663D p, # | 6.0...6.55 | -46 | D/K, L, I NICAM | SIP5D |
| 32.40-33.40 | K9356M #, i | 5.5...6.5 | -47 | D/K, L, I, B/G | SIP5K |
| | K9260M | 5.5...6.5 | 0 | D/K, I, B/G | SIP5K |
| | K9462M p, #, i | 5.5...6.5 | -48 | D/K, L, I, B/G | SIP5K |
| | K9650M p, #, i | 5.5...6.5 | -49 | D/K, L, I, B/G | SIP5K |
| | K9653D p, # | 5.5...6.5 | -50 | D/K, L, I, B/G | SIP5D |
| | K9656M p, #, i | 5.5...6.5 | -41 | D/K, L, I, B/G | SIP5K |
| 32.40-34.40 | K9253M | 4.5...6.5 | 0 | D/K, I, B/G, M/N | SIP5K |
| | K9362M #, | 4.5...6.5 | -61 | D/K, I, B/G, M/N | SIP5K |
| 32.90 | K9353M #, | 6.0...6.55 | -57 | I NICAM | SIP5K |
| 33.40 | G9251M i, | 5.5...5.85 | 0 | B/G NICAM | SIP5K |
| | G9353M #, | 5.5...5.85 | -55 | B/G NICAM | SIP5K |
| | K9460M p, # | 5.5...5.85 | -56 | B/G NICAM | SIP5K |
| | K9552M p, | 5.5...5.85 | 0 | B/G NICAM | SIP5K |
| | K9663D p, # | 5.5...5.85 | 54 | B/G NICAM | SIP5D |
| 33.50 | J9250M | 6.0...6.55 | 0 | I NICAM | SIP5K |
| | J9361D #, | 6.0...6.55 | -57 | I NICAM | SIP5D |
| | K9455M p, #, | 4.5 | -56 | M/N | SIP5K |
| | K9553M p, s, | 4.5 | 0 | M/N | SIP5K |

cont.



IF Filters for Audio Applications (cont.)

| Sound Carrier MHz | Type | PC - SC Distance MHz | Picture Carrier DB | Standard | Package | |
|-------------------|---------------|----------------------|--------------------|----------|---------|-------|
| 34.40 | K9653D | p, # | 4.5 | -54 | M/N | SIP5D |
| | K9661D | p, # | 4.5 | -52 | M/N | SIP5D |
| 39.90 | L9455M | p, # | -5.85..-6.5 | -51 | L NICAM | SIP5K |
| | L9460M | p, # | -6.5 | -42 | L | SIP5K |
| 40.40 | L9353M | #, | -6.5 | -55 | L | SIP5K |
| | L9354M | #, | -5.85..-6.5 | -62 | L NICAM | SIP5K |
| | L9456M | p, # | -6.5 | -50 | L | SIP5K |
| | L9653M | p, #, i | -6.5 | -52 | L | SIP5K |
| | L9654M | p, #, i | -5.85..-6.5 | -54 | L NICAM | SIP5K |
| | K9650M | p, #, i | -6.5 | -49 | L | SIP5K |
| | K9656M | p, #, i | -5.85..-6.5 | -51 | L NICAM | SIP5K |
| | K9661D | p, # | -5.85..-6.5 | -53 | L NICAM | SIP5D |
| 41.00 | L9461M | p, # | -6.5 | -52 | L | SIP5K |
| 41.25 | M9260M | i, | 4.5 | 0 | M/N | SIP5K |
| | M9370M | #, | 4.5 | -60 | M/N | SIP5K |
| 54.25 | N9260M | i, | 4.5 | 0 | M | SIP5K |
| | N9350M | #, | 4.5 | -50 | M | SIP5K |

- #: sound channel with sound passband only
- p: pin configuration different from standard package
- o: obsolete type (not for new designs)
- s: samples available (not yet in production)
- i: data sheet is available in Internet



Bandpass Filters for Digital Cable Applications

| Center Frequency MHz | Type | Bandwidth 3dB MHz | Standard | Package |
|----------------------|---------------|-------------------|---|---------|
| 23.40 | X6863D | 1.9 | DVB-C (Europe) Out of Band | SIP5D |
| 36.125 | X6865D | 6.0 | DVB-C (Europe), EuroDOCSIS | SIP5D |
| | X6966D | i,k,a 8.0 | DVB-C (Europe), EuroDOCSIS | SIP5D |
| | X7053L | 8.0 | DVB-C (Europe), EuroDOCSIS | DIP18D |
| 36.15 | X7052L | 1.8 | DVB-C (Europe) Out of Band | DIP18D |
| 36.20 | X6967M | 2.7 | DVB-C (Europe) Out of Band | SIP5K |
| 43.75 | X6864D | 6.2 | DVB-C (US); OpenCable DOCSIS | SIP5D |
| | X6964D | i,k,a 6.0 | DVB-C (US); OpenCable DOCSIS | SIP5D |
| | X7050L | 6.0 | DVB-C (US); OpenCable DOCSIS | DIP18D |
| 44.00 | X6866D | a, 6.2 | DVB-C (US); OpenCable DOCSIS | SIP5D |
| | X6855M | 8.0 | DVB-C (Europe), | SIP5K |
| | X6959M | 1.7 | DVB-C (Europe) OpenCable; Out of Band | SIP5K |
| | X6965D | i,k,a 6.0 | DVB-C (US); OpenCable | SIP5D |
| | X9650M | p, 1.1 1.8 | DVB-C (Europe) OpenCable; Out of Band Switchable Filter | SIP5K |
| 57.00 | X6933D | h, 5.9 | Japan | SIP5D |
| | X6989M | 6.1 | Japan | SIP5K |
| 70.00 | X7054L | 4.0 | DOCSIS (Headend) | DIP18D |
| various | | c, s various | Dig. Cable | various |

- s: samples available (not yet in production)
- a: alternative type available (with similar characteristics)
- k: also available in SIP5K package
- o: obsolete type (not for new designs)
- c: please contact your SAW filter counterpart (Sales / Marketing)
- h: high temperature stability
- p: pin configuration different from standard package
- i: data sheet is available in Internet



Bandpass Filters for Digital Terrestrial TV Applications

| Center Frequency MHz | Type | | Bandwidth 3dB MHz | Standard | Package |
|----------------------|---------------|-------|-------------------|----------------------------|---------|
| 36.00 | X6857D | a, | 8.1 | DVB-T (Europe) | SIP5D |
| 36.125 | X6872D | | 7.0 | DVB-T (Europe) | SIP5D |
| | X6874D | k,a | 8.0 | DVB-T (Europe) | SIP5D |
| 36.17 | X7251D | p, | 7.0 | DVB-T (Europe) | SIP5D |
| | | | 8.0 | Switchable filter | |
| 44.00 | X6850K | | 5.6 | ATSC (US) 2-in-1 filter | DIP10K |
| | X6941D | s,h,a | 5.6 | ATSC (US) | SIP5D |
| | X6965D | i,k,a | 6.0 | ATSC (US) | SIP5D |
| | X7004L | h, | 5.6 | ATSC (US) | DIP18D |
| 57.00 | X6933D | h, | 5.9 | ISDB-T (Japan) | SIP5D |
| various | | c,s | various | Dig. Terrestrial TV | various |

Bandpass Filters for Dual Conversion Tuners (for Cable and Terrestrial Applications)

| Center Frequency MHz | Type | | Insertion Attenuation dB (typ.) | Features | Package |
|----------------------|-------|------|---------------------------------|---|---------|
| 1090 | B1602 | | 4,3 | bal. 50Ω to bal. 50Ω Usable passband 12MHz | QCC8B |
| 1120 | B1601 | | 4,3 | unbal. 50Ω to unbal. 50Ω. Usable passband 6MHz | QCC8B |
| 1220 | B1603 | s, c | 4,5 | bal. 200Ω to bal. 200Ω. Usable passband 8MHz | QCC8B |

- s: samples available (not yet in production)
- a: alternative type available (with similar characteristics)
- k: also available in SIP5K package
- o: obsolete type (not for new designs)
- c: please contact your SAW filter counterpart (Sales / Marketing)
- h: high temperature stability
- p: pin configuration different from standard package
- i: data sheet is available in Internet



Bandpass Filters for Digital Audio Applications

| Center Frequency MHz | Type | | Bandwidth 3dB MHz | Standard | Package |
|----------------------|--------|-----|-------------------|------------|---------|
| 30.72 | X7001L | h | 1.5 | DAB | DIP18D |
| 38.912 | X6922M | h | 1.5 | DAB | SIP5K |
| 113.51 | Y7104L | h | 4.0 | XM Radio | DIP18D |
| 115.24 | Y7102L | h | 3.1 | Worldspace | DIP18D |
| 116.61 | Y7103L | h | 2.8 | XM Radio | DIP18D |
| 919.55 | B4030 | h | 1.5 | DAB | QCC8B |
| various | | c,s | | Sirius | |
| various | | c,s | various | Dig. Audio | various |

- s: samples available (not yet in production)
- a: alternative type available (with similar characteristics)
- k: also available in SIP5K package
- o: obsolete type (not for new designs)
- c: please contact your SAW filter counterpart (Sales / Marketing)
- h: high temperature stability
- p: pin configuration different from standard package
- i: data sheet is available in Internet



Vestigial Sideband Filters

| Picture Carrier MHz | Type | Vestigial Sideband MHz | Bandwidth 3dB MHz | Sound Carrier | Standard | Package |
|---------------------|--------|------------------------|-------------------|---------------|----------|---------|
| 38.90 | G4963D | 0.75 | 7.0 | yes | B/G | SIP5D |
| | K4960D | 0.75 | 8.0 | yes | D/K | SIP5D |
| 45.75 | G4962M | 0.75 | 7.0 | yes | B/G | SIP5K |
| | J4951M | 1.25 | 8.0 | yes | I, L | SIP5K |
| | K4961M | 0.75 | 8.0 | yes | D/K | SIP5K |
| | M4951M | 0.75 | 6.0 | yes | M/N | SIP5K |
| | M4952M | 0.75 | 6.0 | yes | M/N | SIP5K |



Satellite Filters (1-Channel)

| Center Frequency MHz | Type | Bandwidth 3dB MHz | Package |
|-------------------------|------------------|-------------------------|---------|
| 480.00 | B 800 b,s | 27 | QCC8C |

Satellite Filters (2-Channel)

| Center Frequency MHz | Type | Bandwidth 3dB MHz | Package |
|-------------------------|-----------------|-------------------------|---------|
| 479.50 | B 801 s, | 18 + 27 | QCC8C |

b: optimized for PAL / NTSC systems
s: samples available (not yet in production)