



NXP CATV cross-reference

As the number-one supplier of CATV hybrid products, NXP Semiconductors provides the broadest range of choices for all network bandwidths. We support 500, 600, 750, and 870 MHz in analog or digital applications. For 1-GHz applications, our high-performance GaAs devices provide the increased capacity needed for high-end services like HDTV, VoIP, and digital simulcasting. And, of course, they're all backed by our world-class technical support services.

CATV 1-GHz power doublers

Gain (dB)	NXP	Freescle
	GaAs	
17.5–19.5		
19.5–21.5	Coming soon	MHW10188AN
21.5–23.5	CGD1042 CGD1042H	
23.5–25.5	CGD1044 CGD1044H	MHW10247AN

CATV 1-GHz push-pull

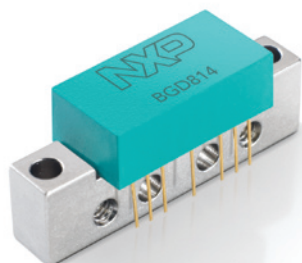
Gain(dB)	NXP	Freescle	NXP	Freescle
	Si		GaAs	
17.5–19.5	BGY1085A	MHW9182CN		MHW10186N
21.5–23.5			Coming soon	MHW10236N
23.5–25.5			Coming soon	
27–29			Coming soon	MHW10276N

CATV 870-MHz power doublers

Gain (dB)	NXP	Freescle	NXP	Freescle
	Si		GaAs	
17.5–19.5	BGD812	MHW8185L MHW8185		
19.5–21.5	BGD814	MHW8205L MHW8205	CGD914	MHW8188AN MHW9187N MHW9188AN MHW9188N MHW9189AN
21.5–23.5	BGD816		CGD942C	MHW8227AN MHW9227AN
23.5–25.5			CGD944C	MHW8247AN MHW9247AN MHW9247N

CATV 870-MHz push pull

Gain(dB)	NXP	Freescle	NXP	Freescle
	Si		GaAs	
17.5–19.5	BGY885A	MHW8182CN		MHW9186AN MHW9186N
19.5–21.5	BGY885B			MHW9206N
21.5–23.5	BGY887	MHW8222BN	CGY887	MHW9236N
23.5–25.5		MHW8242AN	CGY887A	
27–29	BGY887B	MHW8272AN	CGY887B	MHW9276N
34	BGY888 BGY835C	MHW8342N	CGY888	



CATV 750-MHz power doublers

Gain (dB)	NXP	Freescale
	Si	
18.5	BGD712 BGD712C	MHW7185CN MHW7185CLN
19.5–20	BGD714	MHW7205CLN

CATV 750-MHz push-pull

Gain(dB)	NXP	Freescale
	Si	
18.5	BGY785A BGY785AD	MHW7182CN
22	BGY787	MHW7222BN
27–29	BGE787B	MHW7292AN
34	BGE788C	MHW7342

CATV 550-MHz power doublers

Gain (dB)	NXP	Freescale
	Si	
18.5	BGD502	

CATV 550-MHz push-pull

Gain(dB)	NXP	Freescale
	Si	
18.5	BGY585A	
22	BGY587	
27–29	BGY587B	
34	BGY588C	MHW6342TN

CATV reverse hybrids

Gain(dB)	NXP	Freescale
	Si	
24.5–25.5	BGY66B	MHW1254LAN
25–26	BGS67A	
29.2–30.8	BGY68	MHW1304LAN
23.5–24.5	BGY67A	MHW1244N