

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
178F048.PRC	V1.00	78K0	UPD178F048	For PG-FP3
178F054.PRC	V1.01	78K0	UPD178F054	For PG-FP3
178F098.PRC	V1.02	78K0	UPD178F098	For PG-FP3
178F124.PRC	V1.03	78K0	UPD178F124	For PG-FP3
70F3003A.PRC	V1.04	V850	UPD70F3003A	For PG-FP3Device version:ES2.xCommunication mode:SIO,UART
70F3003A_1000.PRC	V2.02	V850	UPD70F3003A	For PG-FP3Device version:ES2.xCPU clock:More than 10MHzCommunication mode:SIO,UART
70F3003A_1000_A.PRC	V2.01	V850	UPD70F3003A	For PG-FP3Device version:Except ES2.xCPU clock:More than 10MHz
70F3003A_A.PRC	V1.01	V850	UPD70F3003A	For PG-FP3Device version:Except ES2.x
70F3015B.PRC	V1.00	V850	UPD70F3015B, UPD70F3015BY	For PG-FP3
70F3015B_400.PRC	V2.00	V850	UPD70F3015B, UPD70F3015BY	For PG-FP3CPU clock:More than 4MHz
70F3017A.PRC	V1.01	V850	UPD70F3017A, UPD70F3017AY	For PG-FP3Device version:ES1.0,ES1.1,E-Rank
70F3017A_400.PRC	V2.01	V850	UPD70F3017A, UPD70F3017AY	For PG-FP3Device version:ES1.0,ES1.1,E-RankCPU clock:More than 4MHz
70F3017A_400_A.PRC	V2.01	V850	UPD70F3017A, UPD70F3017AY	For PG-FP3Device version:Except ES1.0,ES1.1,E-RankCPU clock:More than 4MHz
70F3017A_A.PRC	V1.01	V850	UPD70F3017A, UPD70F3017AY	For PG-FP3Device version:Except ES1.0,ES1.1,E-Rank
70F3025A.PRC	V1.04	V850	UPD70F3025A	For PG-FP3Device version:ES1.x, X-RankCommunication mode:SIO,UART
70F3025A_1000.PRC	V2.02	V850	UPD70F3025A	For PG-FP3Device version:ES1.x, X-RankCPU clock:More than 10MHzCommunication mode:SIO,UART
70F3025A_1000_A.PRC	V2.01	V850	UPD70F3025A	For PG-FP3Device version:Except ES1.x, X-RankCPU clock:More than 10MHz
70F3025A_A.PRC	V1.01	V850	UPD70F3025A	For PG-FP3Device version:Except ES1.x, X-Rank
70F3030B.PRC	V1.01	V850	UPD70F3030BY, UPD70F3030B	For PG-FP3
70F3030B_400.PRC	V1.01	V850	UPD70F3030BY, UPD70F3030B	For PG-FP3CPU clock:More than 4MHz
70F3032A.PRC	V1.01	V850	UPD70F3032AY, UPD70F3032A	For PG-FP3
70F3032A_400.PRC	V2.01	V850	UPD70F3032AY, UPD70F3032A	For PG-FP3CPU clock:More than 4MHz
70F3032B.PRC	V1.00	V850	UPD70F3032BY, UPD70F3032B	For PG-FP3
70F3032B_400.PRC	V1.00	V850	UPD70F3032BY, UPD70F3032B	For PG-FP3CPU clock:More than 4MHz
70F3033.PRC	V1.01	V850	-	For PG-FP3Device version:ES1.x, V1.x
70F3033_400.PRC	V2.01	V850	-	For PG-FP3Device version:ES1.x, V1.xCPU clock:More than 4MHz
70F3033_400_A.PRC	V2.01	V850	-	For PG-FP3Device version:Except ES1.x, V1.xCPU clock:More than 4MHz
70F3033_A.PRC	V1.01	V850	-	For PG-FP3Device version:Except ES1.x, V1.x
70F3033A.PRC	V1.02	V850	UPD70F3033AY, UPD70F3033A	For PG-FP3
70F3033A_400.PRC	V2.02	V850	UPD70F3033AY, UPD70F3033A	For PG-FP3CPU clock:More than 4MHz
70F3033B.PRC	V1.00	V850	UPD70F3033BY, UPD70F3033B	For PG-FP3
70F3033B_400.PRC	V1.00	V850	UPD70F3033BY, UPD70F3033B	For PG-FP3CPU clock:More than 4MHz
70F3035.PRC	V1.04	V850	-	For PG-FP3Device version:ES1.x, V1.x
70F3035_400.PRC	V2.04	V850	-	For PG-FP3Device version:ES1.x, V1.xCPU clock:More than 4MHz
70F3035_400_A.PRC	V2.01	V850	-	For PG-FP3Device version:Except ES1.x, V1.xCPU clock:More than 4MHz
70F3035_A.PRC	V1.01	V850	-	For PG-FP3Device version:Except ES1.x, V1.x
70F3035A.PRC	V1.02	V850	UPD70F3035AY, UPD70F3035A	For PG-FP3
70F3035A_400.PRC	V2.02	V850	UPD70F3035AY, UPD70F3035A	For PG-FP3CPU clock:More than 4MHz
70F3035B.PRC	V1.00	V850	UPD70F3035BY, UPD70F3035B	For PG-FP3
70F3035B_400.PRC	V1.00	V850	UPD70F3035BY, UPD70F3035B	For PG-FP3CPU clock:More than 4MHz
70F3036H.PRC	V1.01	V850	UPD70F3036HY, UPD70F3036H	For PG-FP3
70F3036H_400.PRC	V1.01	V850	UPD70F3036HY, UPD70F3036H	For PG-FP3CPU clock:More than 4MHz
70F3037A.PRC	V1.02	V850	UPD70F3037AY, UPD70F3037A	For PG-FP3
70F3037A_400.PRC	V2.02	V850	UPD70F3037AY, UPD70F3037A	For PG-FP3CPU clock:More than 4MHz
70F3037H.PRC	V1.00	V850	UPD70F3037HY, UPD70F3037H	For PG-FP3
70F3037H_400.PRC	V1.00	V850	UPD70F3037HY, UPD70F3037H	For PG-FP3CPU clock:More than 4MHz
70F3038.PRC	V1.00	V850	UPD70F3038	For PG-FP3
70F3040.PRC	V1.01	V850	UPD70F3040Y, UPD70F3040Y	For PG-FP3Device version:ES1.0,ES1.1,K-Rank
70F3040_400.PRC	V2.01	V850	UPD70F3040Y, UPD70F3040Y	For PG-FP3Device version:ES1.0,ES1.1,K-RankCPU clock:More than 4MHz
70F3040_400_A.PRC	V2.01	V850	UPD70F3040Y, UPD70F3040Y	For PG-FP3Device version:Except ES1.0,ES1.1,K-RankCPU clock:More than 4MHz
70F3040_A.PRC	V1.01	V850	UPD70F3040Y, UPD70F3040Y	For PG-FP3Device version:Except ES1.0,ES1.1,K-Rank
70F3079AY.PRC	V1.00	V850	UPD70F3079AY	For PG-FP3
70F3079Y.PRC	V1.01	V850	UPD70F3079Y	For PG-FP3
70F3089Y.PRC	V1.00	V850	UPD70F3089Y	For PG-FP3
70F3102.PRC	V1.03	V850	UPD70F3102	For PG-FP3Device version:ES5.x, ES6.x, E,K,P-Rank
70F3102_1000.PRC	V2.02	V850	UPD70F3102	For PG-FP3Device version:ES5.x, ES6.x, E,K,P-RankCPU clock:More than 10MHz
70F3102_1000_A.PRC	V2.01	V850	UPD70F3102	For PG-FP3Device version:Except ES5.x, ES6.x, E,K,P-RankCPU clock:More than 10MHz
70F3102_A.PRC	V1.01	V850	UPD70F3102	For PG-FP3Device version:Except ES5.x, ES6.x, E,K,P-Rank
70F3102A.PRC	V1.03	V850	UPD70F3102A	For PG-FP3Device version:ES2.x, ES3.x, E,K,P-Rank
70F3102A_1000.PRC	V2.01	V850	UPD70F3102A	For PG-FP3Device version:ES2.x, ES3.x, E,K,P-RankCPU clock:More than 10MHz
70F3102A_1000_A.PRC	V2.01	V850	UPD70F3102A	For PG-FP3Device version:Except ES2.x, ES3.x, E,K,P-RankCPU clock:More than 10MHz
70F3102A_A.PRC	V1.01	V850	UPD70F3102A	For PG-FP3Device version:Except ES2.x, ES3.x, E,K,P-Rank
70F3107.PRC	V1.01	V850	UPD70F3107	For PG-FP3Device version:Except ES1.x
70F3107_1600.PRC	V2.01	V850	UPD70F3107	For PG-FP3Device version:Except ES1.xCPU clock:1More than 16MHz
70F3107A.PRC	V1.00	V850	UPD70F3107A	For PG-FP3
70F3107A_1600.PRC	V1.00	V850	UPD70F3107A	For PG-FP3CPU clock:More than 16MHz
70F3114.PRC	V1.00	V850	UPD70F3114	For PG-FP3
70F3116.PRC	V1.02	V850	UPD70F3116	For PG-FP3
70F3116_1600.PRC	V2.02	V850	UPD70F3116	For PG-FP3CPU clock:1More than 16MHz
70F3210.PRC	V1.00	V850	UPD70F3210Y, UPD70F3210Y	For PG-FP3
70F3214.PRC	V1.00	V850	UPD70F3214Y, UPD70F3214Y	For PG-FP3
70F3217.PRC	V1.00	V850	UPD70F3217Y, UPD70F3217Y	For PG-FP3
78E9860.PRC	V1.01	78K0S	UPD78E9860	For PG-FP3
78E9860A.PRC	V1.00	78K0S	UPD78E9860A	For PG-FP3
78E9861.PRC	V1.01	78K0S	UPD78E9861	For PG-FP3
78E9861A.PRC	V1.00	78K0S	UPD78E9861A	For PG-FP3

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
78E9862.PRC	V1.00	78K0S	UPD78E9862	For PG-FP3Device version:Except V1.0
78E9863.PRC	V1.00	78K0S	UPD78E9863	For PG-FP3
78E9864.PRC	V1.00	78K0S	UPD78E9864	For PG-FP3
78F0034.PRC	V1.01	78K0	UPD78F0034, UPD78F0034Y	For PG-FP3
78F0034A.PRC	V1.01	78K0	UPD78F0034AS, UPD78F0034A, UPD78F0034AY	For PG-FP3
78F0034B.PRC	V1.00	78K0	UPD78F0034BS, UPD78F0034B	For PG-FP3
78F0034BY.PRC	V1.00	78K0	UPD78F0034BY	For PG-FP3
78F0058.PRC	V1.03	78K0	UPD78F0058, UPD78F0058Y	For PG-FP3
78F0066.PRC	V1.04	78K0	UPD78F0066	For PG-FP3
78F0078.PRC	V1.00	78K0	UPD78F0078Y, UPD78F0078	For PG-FP3
78F0103.PRC	V1.00	78K0	UPD78F0103	For PG-FP3Device version:V1.1 or later
78F0114.PRC	V1.00	78K0	UPD78F0114	For PG-FP3
78F0124.PRC	V1.00	78K0	UPD78F0124	For PG-FP3
78F0134.PRC	V1.00	78K0	UPD78F0134	For PG-FP3
78F0138.PRC	V1.00	78K0	UPD78F0138	For PG-FP3
78F0148.PRC	V1.00	78K0	UPD78F0148	For PG-FP3
78F0233.PRC	V1.02	78K0	UPD78F0233	For PG-FP3
78F0338.PRC	V1.00	78K0	UPD78F0338	For PG-FP3
78F0354.PRC	V1.00	78K0	UPD78F0354, UPD78F0354Y	For PG-FP3
78F0701Y.PRC	V1.04	78K0	UPD78F0701Y	For PG-FP3
78F0703Y.PRC	V1.00	78K0	UPD78F0703Y	For PG-FP3
78F0818.PRC	V1.00	78K0	UPD78F0818	For PG-FP3Device version:V2.x
78F0828B.PRC	V1.00	78K0	UPD78F0828B	For PG-FP3Device version:ES1.1, K-Rank
78F0831Y.PRC	V1.01	78K0	UPD78F0831Y	For PG-FP3
78F0833Y.PRC	V1.03	78K0	UPD78F0833Y	For PG-FP3
78F0835.PRC	V1.01	78K0	UPD78F0835	For PG-FP3Device version:V2.00
78F0835_A.PRC	V1.00	78K0	UPD78F0835	For PG-FP3Device version:V3.00
78F0852.PRC	V1.00	78K0	UPD78F0852	For PG-FP3
78F0948.PRC	V1.02	78K0	UPD78F0948	For PG-FP3
78F0958.PRC	V1.00	78K0	UPD78F0958	For PG-FP3
78F0974.PRC	V1.04	78K0	UPD78F0974	For PG-FP3
78F0988.PRC	V1.03	78K0	UPD78F0988	For PG-FP3
78F0988A.PRC	V1.01	78K0	UPD78F0988A	For PG-FP3
78F0994.PRC	V1.01	78K0	UPD78F0994	For PG-FP3Device version:V1.x
78F0994_A.PRC	V1.00	78K0	UPD78F0994	For PG-FP3Device version:V2.0 or later
78F4046.PRC	V1.03	78K4	UPD78F4046	For PG-FP3
78F4046_1600.PRC	V2.00	78K4	UPD78F4046	For PG-FP3CPU clock:1More than 16MHz
78F4216.PRC	V1.02	78K4	UPD78F4216, UPD78F4216Y	For PG-FP3
78F4216_1200.PRC	V2.00	78K4	UPD78F4216, UPD78F4216Y	For PG-FP3CPU clock:More than 12MHz
78F4216A.PRC	V1.04	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:ES1.x, ES2.x, K,E,P-RankCommunication mode:SIO,UART
78F4216A_1200.PRC	V2.04	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:ES1.x, ES2.x, K,E,P-RankCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4216A_1200_A.PRC	V2.02	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:ES1.x, ES2.x, K,E,P-RankCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4216A_A.PRC	V1.02	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:Except ES1.x, ES2.x, K,E,P-RankCommunication mode:SIO,UART
78F4216A_HS.PRC	V1.02	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:P-RankCommunication mode:SIO-H/S
78F4216A_HS_A.PRC	V1.01	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP3Device version:Except ES1.x, ES2.x, K,E,P-RankCommunication mode:SIO-H/S
78F4218.PRC	V1.04	78K4	UPD78F4218, UPD78F4218Y	For PG-FP3
78F4218_1200.PRC	V2.02	78K4	UPD78F4218, UPD78F4218Y	For PG-FP3CPU clock:More than 12MHz
78F4218A.PRC	V1.05	78K4	UPD78F4218A, UPD78F4218AY	For PG-FP3Communication mode:SIO,UART
78F4218A_1200.PRC	V2.08	78K4	UPD78F4218A, UPD78F4218AY	For PG-FP3CPU clock:More than 12MHzCommunication mode:SIO,UART
78F4218A_HS.PRC	V1.03	78K4	UPD78F4218A, UPD78F4218AY	For PG-FP3Device version:Except ES1.xCommunication mode:SIO-H/S
78F4225.PRC	V1.02	78K4	UPD78F4225Y, UPD78F4225	For PG-FP3Device version:ES1.x, ES2.x, K-RankCommunication mode:SIO,UART
78F4225_1200.PRC	V2.01	78K4	UPD78F4225Y, UPD78F4225	For PG-FP3Device version:ES1.x, ES2.x, K-RankCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4225_1200_A.PRC	V2.00	78K4	UPD78F4225Y, UPD78F4225	For PG-FP3Device version:Except ES1.x, ES2.x, K-RankCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4225_A.PRC	V1.00	78K4	UPD78F4225Y, UPD78F4225	For PG-FP3Device version:Except ES1.x, ES2.x, K-RankCommunication mode:SIO,UART
78F4225_HS_A.PRC	V1.00	78K4	UPD78F4225Y, UPD78F4225	For PG-FP3Device version:Except ES1.x, ES2.x, K-RankCommunication mode:SIO-H/S
78F4928.PRC	V1.00	78K4	UPD78F4928, UPD78F4928Y	For PG-FP3Device version:DSxCommunication mode:SIO
78F4928_600.PRC	V2.00	78K4	UPD78F4928, UPD78F4928Y	For PG-FP3Device version:DSxCPU clock:More than 6MHzCommunication mode:SIO
78F4928_600_A.PRC	V2.00	78K4	UPD78F4928, UPD78F4928Y	For PG-FP3Device version:Except DSxCPU clock:More than 6MHzCommunication mode:SIO
78F4928_A.PRC	V1.02	78K4	UPD78F4928, UPD78F4928Y	For PG-FP3Device version:Except DSxCommunication mode:SIO
78F4928_HS_A.PRC	V1.00	78K4	UPD78F4928, UPD78F4928Y	For PG-FP3Device version:Except DSxCommunication mode:SIO-H/S
78F4938.PRC	V1.01	78K4	-	For PG-FP3
78F4938_1200.PRC	V2.01	78K4	-	For PG-FP3CPU clock:More than 12MHz
78F4938A.PRC	V1.01	78K4	UPD78F4938A	For PG-FP3Communication mode:SIO,UART
78F4938A_1200.PRC	V2.01	78K4	UPD78F4938A	For PG-FP3CPU clock:More than 12MHzCommunication mode:SIO,UART
78F4938A_HS.PRC	V1.01	78K4	UPD78F4938A	For PG-FP3Communication mode:SIO-H/S
78F4956.PRC	V1.00	78K4	UPD78F4956	For PG-FP3
78F4956_500.PRC	V2.00	78K4	UPD78F4956	For PG-FP3CPU clock:More than 5MHz
78F4956A.PRC	V1.03	78K4	UPD78F4956A	For PG-FP3Communication mode:SIO,UART
78F4956A_600.PRC	V2.02	78K4	UPD78F4956A	For PG-FP3CPU clock:More than 6MHzCommunication mode:SIO,UART
78F4956A_HS.PRC	V1.01	78K4	UPD78F4956A	For PG-FP3Communication mode:SIO-H/S
78F4967.PRC	V1.02	78K4	UPD78F4967	For PG-FP3Device version:ES1.xCommunication mode:SIO,UART
78F4967_1200.PRC	V2.02	78K4	UPD78F4967	For PG-FP3Device version:ES1.xCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4967_1200_A.PRC	V2.00	78K4	UPD78F4967	For PG-FP3Device version:Except ES1.xCPU clock:More than 12MHzCommunication mode:SIO,UART
78F4967_A.PRC	V1.00	78K4	UPD78F4967	For PG-FP3Device version:Except ES1.xCommunication mode:SIO,UART
78F4967_HS_A.PRC	V1.01	78K4	UPD78F4967	For PG-FP3Device version:Except ES1.xCommunication mode:SIO-H/S
78F4976A.PRC	V1.00	78K4	UPD78F4976A	For PG-FP3Communication mode:SIO

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
78F4976A_HS.PRC	V1.00	78K4	UPD78F4976A	For PG-FP3Communication mode:SIO-H/S
78F4976A_1200.PRC	V2.00	78K4	UPD78F4976A	For PG-FP3CPU clock:More than 12MHzCommunication mode:SIO
78F8002.PRC	V1.00	78K0	UPD78F8002	For PG-FP3
78F8006.PRC	V1.00	78K0	UPD78F8006	For PG-FP3
78F9026.PRC	V1.01	78K0S	-	For PG-FP3
78F9026A.PRC	V1.02	78K0S	UPD78F9026A	For PG-FP3
78F9046.PRC	V1.01	78K0S	UPD78F9046	For PG-FP3
78F9076.PRC	V1.00	78K0S	UPD78F9076	For PG-FP3
78F9088.PRC	V1.10	78K0S	UPD78F9088	For PG-FP3
78F9116.PRC	V1.03	78K0S	UPD78F9116	For PG-FP3
78F9116A.PRC	V1.02	78K0S	UPD78F9116A	For PG-FP3
78F9116B.PRC	V1.00	78K0S	UPD78F9116B	For PG-FP3
78F9136.PRC	V1.02	78K0S	UPD78F9136	For PG-FP3
78F9136A.PRC	V1.02	78K0S	UPD78F9136A	For PG-FP3
78F9136B.PRC	V1.00	78K0S	UPD78F9136B	For PG-FP3
78F9156.PRC	V1.02	78K0S	UPD78F9156	For PG-FP3
78F9177.PRC	V1.02	78K0S	UPD78F9177Y, UPD78F9177	For PG-FP3
78F9177A.PRC	V1.00	78K0S	UPD78F9177AY, UPD78F9177A	For PG-FP3
78F9306.PRC	V1.00	78K0S	UPD78F9306	For PG-FP3
78F9316.PRC	V1.00	78K0S	UPD78F9316	For PG-FP3
78F9328.PRC	V1.00	78K0S	UPD78F9328	For PG-FP3
78F9418.PRC	V1.03	78K0S	-	For PG-FP3
78F9418A.PRC	V1.03	78K0S	UPD78F9418A	For PG-FP3
78F9436.PRC	V1.00	78K0S	UPD78F9436	For PG-FP3
78F9456.PRC	V1.00	78K0S	UPD78F9456	For PG-FP3
78F9468.PRC	V1.00	78K0S	UPD78F9468	For PG-FP3
78F9478.PRC	V1.01	78K0S	UPD78F9478	For PG-FP3
78F9479.PRC	V1.00	78K0S	UPD78F9479	For PG-FP3
78F9488.PRC	V1.01	78K0S	UPD78F9488	For PG-FP3
78F9489.PRC	V1.00	78K0S	UPD78F9489	For PG-FP3
78F9801.PRC	V1.04	78K0S	UPD78F9801	For PG-FP3
78F9831.PRC	V1.02	78K0S	UPD78F9831	For PG-FP3
78F9835.PRC	V1.00	78K0S	UPD78F9835	For PG-FP3
78F9842.PRC	V1.02	78K0S	UPD78F9842	For PG-FP3
78F9850.PRC	V1.02	78K0S	UPD78F9850	For PG-FP3Device version:V1.x
78F9850_A.PRC	V1.00	78K0S	UPD78F9850	For PG-FP3Device version:V2.3 or later
78F9852.PRC	V1.00	78K0S	UPD78F9852	For PG-FP3
78F9872.PRC	V1.01	78K0S	UPD78F9872	For PG-FP3
78F9882.PRC	V1.00	78K0S	UPD78F9882	For PG-FP3
PRM78F8006H	V1.00	78K0	UPD78F8004H, UPD78F8005H, UPD78F8006H	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM78F8016	V1.02	78K0	UPD78F8016, UPD78F8014, UPD78F8016A, UPD78F8015, UPD78F8014A, UPD78F8015A	For PG-FP4/MINICUBE2 (NOTE)
PRM78F8020	V1.02	78K0	UPD78F8019, UPD78F8020D, UPD78F8020, UPD78F8017, UPD78F8017A, UPD78F8018, UPD78F8018A, UPD78F8019A, UPD78F8020DA, UPD78F8020A	For PG-FP4/MINICUBE2 (NOTE)
PRM78F8025	V1.00	78K0	UPD78F8024, UPD78F8025	For MINICUBE2 (NOTE)
PRM78F8039	V1.00	78K0	UPD78F8027, UPD78F8028, UPD78F8030, UPD78F8029, UPD78F8032D, UPD78F8033, UPD78F8035, UPD78F8036, UPD78F8026, UPD78F8037, UPD78F8039D, UPD78F8034	For MINICUBE2 (NOTE)
PRM78F8043	V1.00	78K0R	UPD78F8043, UPD78F8041, UPD78F8040, UPD78F8042	For MINICUBE2 (NOTE)
PRM78F8055	V1.00	78K0	UPD78F8052, UPD78F8053, UPD78F8054, UPD78F8055	For MINICUBE2 (NOTE)
PRM78F8058	V1.01	78K0R	UPD78F8057, UPD78F8056, UPD78F8058	For MINICUBE2 (NOTE)
PRM78F9026A	V1.03	78K0S	UPD78F9026A	For PG-FP4
PRM78F9046	V1.03	78K0S	UPD78F9046	For PG-FP4
PRM78F9076	V1.04	78K0S	UPD78F9076	For PG-FP4
PRM78F9088	V1.00	78K0S	UPD78F9088	For PG-FP4
PRM78F9116A	V1.03	78K0S	UPD78F9116A	For PG-FP4
PRM78F9116B	V1.04	78K0S	UPD78F9116B	For PG-FP4
PRM78F9136A	V1.03	78K0S	UPD78F9136A	For PG-FP4
PRM78F9136B	V1.05	78K0S	UPD78F9136B	For PG-FP4
PRM78F9156A	V1.03	78K0S	UPD78F9156A	For PG-FP4
PRM78F9177AY	V1.01	78K0S	UPD78F9177AY, UPD78F9177A	For PG-FP4
PRM78F9177Y	V1.03	78K0S	UPD78F9177Y, UPD78F9177	For PG-FP4
PRM78F9234	V1.08	78K0S	UPD78F9200, UPD78F9211, UPD78F9221, UPD78F9210, UPD78F9224, UPD78F9234, UPD78F9201, UPD78F9222, UPD78F9500, UPD78F9502, UPD78F9511, UPD78F9512, UPD78F9212, UPD78F9232, UPD78F9510, UPD78F9202, UPD78F9501	For PG-FP4/MINICUBE2 (NOTE)
PRM78F9306	V1.03	78K0S	UPD78F9306	For PG-FP4
PRM78F9316	V1.03	78K0S	UPD78F9316	For PG-FP4
PRM78F9328	V1.03	78K0S	UPD78F9328	For PG-FP4
PRM78F9334	V1.00	78K0S	UPD78F9334	For PG-FP4/PG-FPL2/MINICUBE2 (NOTE)
PRM78F9418A	V1.03	78K0S	UPD78F9418A	For PG-FP4Device version:V2.2 or later
PRM78F9436	V1.03	78K0S	UPD78F9436	For PG-FP4
PRM78F9456	V1.03	78K0S	UPD78F9456	For PG-FP4
PRM78F9468	V1.03	78K0S	UPD78F9468	For PG-FP4
PRM78F9478	V1.03	78K0S	UPD78F9478	For PG-FP4
PRM78F9479	V1.00	78K0S	UPD78F9479	For PG-FP4
PRM78F9488	V1.03	78K0S	UPD78F9488	For PG-FP4
PRM78F9489	V1.00	78K0S	UPD78F9489	For PG-FP4
PRM78F9801	V1.03	78K0S	UPD78F9801	For PG-FP4Device version:Except DS2.x,ES2.x
PRM78F9831	V1.03	78K0S	UPD78F9831	For PG-FP4Device version:Except ES,DS1.0,DS1.1
PRM78F9835	V1.00	78K0S	UPD78F9835	For PG-FP4
PRM78F9842	V1.03	78K0S	UPD78F9842	For PG-FP4
PRM78F9850_A	V1.01	78K0S	UPD78F9850	For PG-FP4Device version:V2.3 or later
PRM78F9850	V1.03	78K0S	UPD78F9850	For PG-FP4Device version:V1.x

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
PRM78F9852	V1.01	78K0S	UPD78F9852	For PG-FP4
PRM78F9872	V1.03	78K0S	UPD78F9872	For PG-FP4
PRM78F9882	V1.00	78K0S	UPD78F9882	For PG-FP4
PRM178F048	V1.03	78K0	UPD178F048	For PG-FP4
PRM178F054	V1.01	78K0	UPD178F054	For PG-FP4
PRM178F098	V1.03	78K0	UPD178F098	For PG-FP4Device version:Except DS,ES,9844612xxx,9838K2xxx
PRM178F124	V1.04	78K0	UPD178F124	For PG-FP4Device version:Except V1.0
PRM179F124	V1.00	78K0	UPD179F123, UPD179F124, UPD179F110, UPD179F122, UPD179F111, UPD179F112, UPD179F113, UPD179F114	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3017A	V1.03	V850	UPD70F3015B, UPD70F3017A, UPD70F3017AY, UPD70F3015BY	For PG-FP4
PRM70F3025A	V1.05	V850	UPD70F3025A, UPD70F3003A	For PG-FP4
PRM70F3030BY-5V	V1.00	V850	UPD70F3030BY, UPD70F3030B	For PG-FP4Target signals are all 5V interface
PRM70F3030BY	V1.00	V850	UPD70F3030BY, UPD70F3030B	For PG-FP4
PRM70F3032A-5V	V1.01	V850	UPD70F3032AY, UPD70F3032A	For PG-FP4Target signals are all 5V interface
PRM70F3032A	V1.01	V850	UPD70F3032AY, UPD70F3032A	For PG-FP4
PRM70F3032BY-5V	V1.00	V850	UPD70F3032B, UPD70F3032BY	For PG-FP4Target signals are all 5V interface
PRM70F3032BY	V1.01	V850	UPD70F3032B, UPD70F3032BY	For PG-FP4
PRM70F3033AY-5V	V1.01	V850	UPD70F3033AY, UPD70F3033A	For PG-FP4Target signals are all 5V interface
PRM70F3033AY	V1.01	V850	UPD70F3033AY, UPD70F3033A	For PG-FP4
PRM70F3033BY-5V	V1.00	V850	UPD70F3033BY, UPD70F3033B	For PG-FP4Target signals are all 5V interface
PRM70F3033BY	V1.01	V850	UPD70F3033BY, UPD70F3033B	For PG-FP4
PRM70F3035AY	V1.01	V850	UPD70F3035A, UPD70F3035AY	For PG-FP4
PRM70F3035BY	V1.00	V850	UPD70F3035B, UPD70F3035BY	For PG-FP4
PRM70F3036HY-5V	V1.00	V850	UPD70F3036H, UPD70F3036HY	For PG-FP4Target signals are all 5V interface
PRM70F3036HY	V1.00	V850	UPD70F3036H, UPD70F3036HY	For PG-FP4
PRM70F3037HY-5V	V1.00	V850	UPD70F3037HY, UPD70F3037H	For PG-FP4Target signals are all 5V interface
PRM70F3037HY	V1.01	V850	UPD70F3037HY, UPD70F3037H	For PG-FP4
PRM70F3038	V1.01	V850	UPD70F3038, UPD70F3038Y	For PG-FP4
PRM70F3040	V1.01	V850	UPD70F3040	For PG-FP4Device version:Except ES1.0,ES1.1,K-Rank
PRM70F3079AY	V1.01	V850	UPD70F3079AY	For PG-FP4
PRM70F3079Y	V1.03	V850	UPD70F3079Y	For PG-FP4
PRM70F3080	V1.01	V850	UPD70F3080	For PG-FP4
PRM70F3089Y	V1.01	V850	UPD70F3089Y	For PG-FP4
PRM70F3102	V1.01	V850	UPD70F3102	For PG-FP4
PRM70F3102A	V1.01	V850	UPD70F3102A	For PG-FP4Device version:Except ES2.x,ES3.x,E,K,P-Rank
PRM70F3107A	V1.04	V850	UPD70F3107A	For PG-FP4
PRM70F3114	V1.01	V850	UPD70F3114	For PG-FP4
PRM70F3116	V1.01	V850	UPD70F3116	For PG-FP4
PRM70F3134	V1.21	V850	UPD70F3134BY, UPD70F3134AY, UPD70F3134A	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)Device version:ES2.0 or later
PRM70F3166	V1.10	V850	UPD70F3166Y, UPD70F3166	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3184	V2.10	V850	UPD70F3184	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3186	V2.10	V850	UPD70F3186	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3201	V1.10	V850	UPD70F3201, UPD70F3201Y	For PG-FP4
PRM70F3204	V1.10	V850	UPD70F3204Y, UPD70F3204	For PG-FP4
PRM70F3218H	V1.11	V850	UPD70F3210H, UPD70F3214H, UPD70F3215HY, UPD70F3217, UPD70F3210, UPD70F3211HY, UPD70F3218H, UPD70F3218HY, UPD70F3217HY, UPD70F3215H, UPD70F3217Y, UPD70F3210HY, UPD70F3210Y, UPD70F3211H, UPD70F3214, UPD70F3207H, UPD70F3207HY, UPD70F3214HY, UPD70F3214Y, UPD70F3217H	SINGLE-POWERFor PG-FP4/PG-FPL/MINICUBE2 (NOTE)TWO-POWER.For PG-FP4
PRM70F3229Y	V1.10	V850	UPD70F3229Y	For PG-FP4/PG-FPL
PRM70F3239	V1.12	V850	UPD70F3233, UPD70F3235, UPD70F3231, UPD70F3239, UPD70F3232, UPD70F3234, UPD70F3236, UPD70F3238, UPD70F3237	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3288	V1.11	V850	UPD70F3261Y, UPD70F3263, UPD70F3263Y, UPD70F3284Y, UPD70F3266, UPD70F3274, UPD70F3264Y, UPD70F3281Y, UPD70F3284, UPD70F3286HY, UPD70F3264, UPD70F3273Y, UPD70F3276HY, UPD70F3281, UPD70F3283HY, UPD70F3283Y, UPD70F3286, UPD70F3286Y, UPD70F3288Y, UPD70F3266Y, UPD70F3276, UPD70F3283, UPD70F3263HY, UPD70F3271, UPD70F3271Y, UPD70F3288, UPD70F3288HY, UPD70F3261, UPD70F3266HY, UPD70F3273, UPD70F3273HY, UPD70F3276Y, UPD70F3274Y	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3318	V1.11	V850	UPD70F3308Y, UPD70F3311Y, UPD70F3313Y, UPD70F3306Y, UPD70F3316Y, UPD70F3302Y, UPD70F3306, UPD70F3308, UPD70F3313, UPD70F3316, UPD70F3318, UPD70F3302, UPD70F3311, UPD70F3318Y	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3325	V1.10	V850	UPD70F3319A, UPD70F3320, UPD70F3325	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3329	V1.20	V850	UPD70F3329	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3368	V1.03	V850	UPD70F3335, UPD70F3343, UPD70F3352, UPD70F3351, UPD70F3356, UPD70F3346, UPD70F3347, UPD70F3353, UPD70F3355, UPD70F3358, UPD70F3336, UPD70F3342, UPD70F3345, UPD70F3348, UPD70F3357, UPD70F3366, UPD70F3340, UPD70F3354, UPD70F3368, UPD70F3334, UPD70F3367, UPD70F3333, UPD70F3341, UPD70F3344, UPD70F3350, UPD70F3364, UPD70F3365	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3385	V1.02	V850	UPD70F3371, UPD70F3372, UPD70F3378, UPD70F3381, UPD70F3379, UPD70F3384, UPD70F3385, UPD70F3374, UPD70F3377A, UPD70F3375, UPD70F3380, UPD70F3383, UPD70F3373, UPD70F3382, UPD70F3370A, UPD70F3376A	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3403	V1.11	V850	UPD70F3403A, UPD70F3402, UPD70F3403	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3414	V1.00	V850	UPD70F3413, UPD70F3414	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3427	V1.00	V850	UPD70F3423, UPD70F3417, UPD70F3421, UPD70F3422, UPD70F3425, UPD70F3416, UPD70F3426, UPD70F3427, UPD70F3424, UPD70F3426A	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3441	V1.00	V850	UPD70F3441	For PG-FP4
PRM70F3454	V1.02	V850	UPD70F3452, UPD70F3451, UPD70F3454, UPD70F3453	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
PRM70F3482	V1.02	V850	UPD70F3479, UPD70F3481A, UPD70F3932A, UPD70F3937, UPD70F3474A, UPD70F3481, UPD70F3934, UPD70F3938, UPD70F3938A, UPD70F3475, UPD70F3475A, UPD70F3477, UPD70F3477A, UPD70F3478A, UPD70F3486, UPD70F3932, UPD70F3935, UPD70F3935A, UPD70F3939A, UPD70F3479A, UPD70F3480, UPD70F3482A, UPD70F3925, UPD70F3927, UPD70F3933A, UPD70F3478, UPD70F3486A, UPD70F3488, UPD70F3931A, UPD70F3934A, UPD70F3939, UPD70F3480A, UPD70F3482, UPD70F3937A, UPD70F3474, UPD70F3926, UPD70F3927A, UPD70F3933, UPD70F3936, UPD70F3476, UPD70F3487, UPD70F3487A, UPD70F3488A, UPD70F3925A, UPD70F3926A, UPD70F3931, UPD70F3936A	For MINICUBE2 (NOTE)
PRM70F3622	V1.00	V850	UPD70F3610, UPD70F3613, UPD70F3616, UPD70F3618, UPD70F3612, UPD70F3614, UPD70F3615, UPD70F3617, UPD70F3622, UPD70F3611, UPD70F3619, UPD70F3621, UPD70F3620	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3712	V1.00	V850	UPD70F3702, UPD70F3706, UPD70F3707, UPD70F3701, UPD70F3703, UPD70F3712, UPD70F3700, UPD70F3704, UPD70F3711, UPD70F3710, UPD70F3709	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3714	V1.00	V850	UPD70F3713, UPD70F3714	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3724	V1.00	V850	UPD70F3716, UPD70F3717, UPD70F3724, UPD70F3718, UPD70F3719, UPD70F3723, UPD70F3721, UPD70F3722, UPD70F3715, UPD70F3720	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3734	V1.01	V850	UPD70F3726, UPD70F3733, UPD70F3732, UPD70F3729, UPD70F3728, UPD70F3734, UPD70F3731	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM70F3738	V1.02	V850	UPD70F3735, UPD70F3795, UPD70F3800, UPD70F3806, UPD70F3738, UPD70F3799, UPD70F3808, UPD70F3842, UPD70F3844, UPD70F3839, UPD70F3840, UPD70F3792, UPD70F3793, UPD70F3801, UPD70F3802, UPD70F3803, UPD70F3807, UPD70F3843, UPD70F3798, UPD70F3805, UPD70F3737, UPD70F3797, UPD70F3736, UPD70F3804, UPD70F3838, UPD70F3794, UPD70F3796, UPD70F3841	For MINICUBE2 (NOTE)
PRM70F3746	V1.03	V850	UPD70F3746, UPD70F3739, UPD70F3740, UPD70F3741, UPD70F3742, UPD70F3743, UPD70F3745, UPD70F3744	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3757	V1.00	V850	UPD70F3750, UPD70F3752, UPD70F3757, UPD70F3747, UPD70F3755	For PG-FP4/MINICUBE2 (NOTE)
PRM70F3771	V1.01	V850	UPD70F3760, UPD70F3770, UPD70F3819, UPD70F3763, UPD70F3765, UPD70F3766, UPD70F3768, UPD70F3810, UPD70F3816, UPD70F3818, UPD70F3769, UPD70F3817, UPD70F3821, UPD70F3825, UPD70F3762, UPD70F3815, UPD70F3820, UPD70F3811, UPD70F3812, UPD70F3813, UPD70F3809, UPD70F3814, UPD70F3823, UPD70F3767, UPD70F3771, UPD70F3761, UPD70F3764, UPD70F3822, UPD70F3824	For MINICUBE2 (NOTE)
PRM70F3786	V1.00	V850	UPD70F3781, UPD70F3779, UPD70F3783, UPD70F3784, UPD70F3778, UPD70F3786, UPD70F3780, UPD70F3785, UPD70F3782	For MINICUBE2 (NOTE)
PRM70F3924	V1.00	V850	UPD70F3924, UPD70F3918, UPD70F3920, UPD70F3921, UPD70F3917, UPD70F3922, UPD70F3914, UPD70F3919, UPD70F3915, UPD70F3913, UPD70F3916, UPD70F3923	For MINICUBE2 (NOTE)
PRM78E9860	V1.03	78K0S	UPD78E9860	For PG-FP4
PRM78E9860A	V1.00	78K0S	UPD78E9860A	For PG-FP4
PRM78E9861	V1.03	78K0S	UPD78E9861	For PG-FP4
PRM78E9861A	V1.00	78K0S	UPD78E9861A	For PG-FP4
PRM78E9862	V1.00	78K0S	UPD78E9862	For PG-FP4Device version:Except V1.0
PRM78E9863	V1.00	78K0S	UPD78E9863	For PG-FP4
PRM78E9864	V1.00	78K0S	UPD78E9864	For PG-FP4
PRM78F0034AY	V1.05	78K0	UPD78F0034AS, UPD78F0034A, UPD78F0034AY	For PG-FP4
PRM78F0034BY	V1.03	78K0	UPD78F0034BS, UPD78F0034BY, UPD78F0034B	For PG-FP4
PRM78F0058Y	V1.03	78K0	UPD78F0058, UPD78F0058Y	For PG-FP4Device version:ES3.x or later
PRM78F0066	V1.03	78K0	UPD78F0066	For PG-FP4Device version:K-Rank or later
PRM78F0078	V1.04	78K0	UPD78F0078Y, UPD78F0078	For PG-FP4
PRM78F0148	V1.02	78K0	UPD78F0103H, UPD78F0136H, UPD78F0138HD, UPD78F0148H, UPD78F0102H, UPD78F0114HD, UPD78F0122H, UPD78F0134, UPD78F0148, UPD78F0101H, UPD78F0114, UPD78F0114H, UPD78F0123H, UPD78F0134H, UPD78F0138, UPD78F0124, UPD78F0133H, UPD78F0113H, UPD78F0132H, UPD78F0138H, UPD78F0148HD, UPD78F0124HD, UPD78F0103, UPD78F0112H, UPD78F0124H	78K0/Kx1+;For PG-FP4/PG-FPL/MINICUBE2 (NOTE)78K0/Kx1;For PG-FP4
PRM78F0233	V1.03	78K0	UPD78F0233	For PG-FP4Device version:Except ES1.x
PRM78F0338	V1.03	78K0	UPD78F0338	For PG-FP4
PRM78F0354	V1.01	78K0	UPD78F0354, UPD78F0354Y	For PG-FP4
PRM78F0397	V1.02	78K0	UPD78F0394, UPD78F0375, UPD78F0396, UPD78F0382, UPD78F0386, UPD78F0397D, UPD78F0374, UPD78F0376D, UPD78F0383, UPD78F0384, UPD78F0385, UPD78F0395, UPD78F0363D, UPD78F0393, UPD78F0361, UPD78F0373, UPD78F0386D, UPD78F0397, UPD78F0372, UPD78F0362, UPD78F0363, UPD78F0376	For PG-FP4/PG-FPL3/MINICUBE2 (NOTE)
PRM78F0495	V1.01	78K0	UPD78F0412, UPD78F0423, UPD78F0433, UPD78F0442, UPD78F0494, UPD78F0495, UPD78F0401, UPD78F0430, UPD78F0443, UPD78F0454, UPD78F0455, UPD78F0471, UPD78F0472, UPD78F0482, UPD78F0483, UPD78F0484, UPD78F0413, UPD78F0420, UPD78F0451, UPD78F0461, UPD78F0464, UPD78F0475, UPD78F0492, UPD78F0403, UPD78F0445, UPD78F0453, UPD78F0462, UPD78F0465, UPD78F0493, UPD78F0402, UPD78F0431, UPD78F0432, UPD78F0463, UPD78F0474, UPD78F0400, UPD78F0410, UPD78F0411, UPD78F0422, UPD78F0441, UPD78F0481, UPD78F0491, UPD78F0444, UPD78F0452, UPD78F0473, UPD78F0485, UPD78F0421	For PG-FP4/MINICUBE2 (NOTE)

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs	Programmers
PRM78F0547	V1.07	78K0 UPD78F0503A, UPD78F0513A, UPD78F0513DA, UPD78F0514A, UPD78F0527, UPD78F0503DA, UPD78F0513D, UPD78F0515A, UPD78F0521, UPD78F0532A, UPD78F0533, UPD78F0535, UPD78F0537A, UPD78F0537DA, UPD78F0544, UPD78F0546A, UPD78F0501, UPD78F0515D, UPD78F0515DA, UPD78F0524A, UPD78F0526A, UPD78F0536, UPD78F0536A, UPD78F0544A, UPD78F0501A, UPD78F0511, UPD78F0511A, UPD78F0512A, UPD78F0514, UPD78F0521A, UPD78F0523, UPD78F0525, UPD78F0532, UPD78F0535A, UPD78F0545, UPD78F0547D, UPD78F0500, UPD78F0503D, UPD78F0515, UPD78F0522A, UPD78F0527A, UPD78F0527D, UPD78F0534A, UPD78F0502A, UPD78F0512, UPD78F0522, UPD78F0526, UPD78F0531A, UPD78F0533A, UPD78F0537D, UPD78F0500A, UPD78F0537, UPD78F0547, UPD78F0547A, UPD78F0547DA, UPD78F0502, UPD78F0503, UPD78F0513, UPD78F0523A, UPD78F0524, UPD78F0525A, UPD78F0527DA, UPD78F0531, UPD78F0534, UPD78F0545A, UPD78F0546	For PG-FP4/PG-FPL3/MINICUBE2 (NOTE)
PRM78F0588	V1.01	78K0 UPD78F0552, UPD78F0555, UPD78F0588, UPD78F0561, UPD78F0566, UPD78F0573, UPD78F0578, UPD78F0550, UPD78F0557, UPD78F0567, UPD78F0586, UPD78F0577, UPD78F0582, UPD78F0583, UPD78F0587, UPD78F0562, UPD78F0565, UPD78F0571, UPD78F0576, UPD78F0581, UPD78F0556, UPD78F0572, UPD78F0551, UPD78F0560	For MINICUBE2 (NOTE)
PRM78F0593	V1.00	78K0 UPD78F0592, UPD78F0591, UPD78F0593, UPD78F0590	For MINICUBE2 (NOTE)
PRM78F0701Y	V1.01	78K0 UPD78F0701Y	For PG-FP4Device version:Except ES1.x
PRM78F0703Y	V1.03	78K0 UPD78F0703Y	For PG-FP4
PRM78F0714	V1.12	78K0 UPD78F0712, UPD78F0714, UPD78F0711	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM78F0731	V1.03	78K0 UPD78F0730	For PG-FP4/MINICUBE2 (NOTE)
PRM78F0756	V1.00	78K0 UPD78F0754, UPD78F0741, UPD78F0744, UPD78F0746, UPD78F0755, UPD78F0743, UPD78F0750, UPD78F0751, UPD78F0752, UPD78F0742, UPD78F0745, UPD78F0753, UPD78F0740, UPD78F0756	For MINICUBE2 (NOTE)
PRM78F0765	V1.00	78K0 UPD78F0761, UPD78F0763, UPD78F0764, UPD78F0760, UPD78F0765, UPD78F0762	For MINICUBE2 (NOTE)
PRM78F0818	V1.01	78K0 UPD78F0818	For PG-FP4Device version:V2.x
PRM78F0822	V1.00	78K0 UPD78F0820B, UPD78F0822B	For PG-FP4/MINICUBE2 (NOTE)
PRM78F0828B	V1.03	78K0 UPD78F0828B	For PG-FP4Device version:ES1.1.K-Rank
PRM78F0831Y	V1.01	78K0 UPD78F0831Y	For PG-FP4Device version:ES3.3 or later
PRM78F0833Y	V1.01	78K0 UPD78F0833Y	For PG-FP4Device version:DS3.1 or later
PRM78F0835	V1.01	78K0 UPD78F0835	For PG-FP4Device version:V3.00
PRM78F0849	V1.00	78K0 UPD78F0836, UPD78F0844, UPD78F0847, UPD78F0842, UPD78F0841, UPD78F0843, UPD78F0845, UPD78F0838, UPD78F0837, UPD78F0839, UPD78F0840, UPD78F0848, UPD78F0846, UPD78F0849	For MINICUBE2 (NOTE)
PRM78F0852	V1.01	78K0 UPD78F0852	For PG-FP4
PRM78F0862	V1.11	78K0 UPD78F0862A, UPD78F0862	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)Device version:V1.1 or later
PRM78F0865	V1.00	78K0 UPD78F0855, UPD78F0864, UPD78F0858, UPD78F0865, UPD78F0854, UPD78F0859, UPD78F0857, UPD78F0856	For MINICUBE2 (NOTE)
PRM78F0876	V1.11	78K0 UPD78F0873, UPD78F0879, UPD78F0874, UPD78F0876, UPD78F0877, UPD78F0871, UPD78F0875, UPD78F0878, UPD78F0872	For PG-FP4/PG-FPL/MINICUBE2 (NOTE)
PRM78F0893	V1.04	78K0 UPD78F0890, UPD78F0892, UPD78F0893A, UPD78F0882, UPD78F0883A, UPD78F0884, UPD78F0884A, UPD78F0888A, UPD78F0887, UPD78F0881A, UPD78F0882A, UPD78F0885A, UPD78F0887, UPD78F0889, UPD78F0888, UPD78F0881, UPD78F0886, UPD78F0887A, UPD78F0891, UPD78F0892A, UPD78F0895A, UPD78F0894A, UPD78F0883, UPD78F0886A, UPD78F0889A, UPD78F0891A, UPD78F0893, UPD78F0885, UPD78F0890A	For PG-FP4/MINICUBE2 (NOTE)
PRM78F0948	V1.03	78K0 UPD78F0948	For PG-FP4
PRM78F0958	V1.03	78K0 UPD78F0958	For PG-FP4
PRM78F0988	V1.03	78K0 UPD78F0988	For PG-FP4
PRM78F0988A	V1.05	78K0 UPD78F0988A	For PG-FP4
PRM78F0994	V1.03	78K0 UPD78F0994	For PG-FP4Device version:V2.0 or later
PRM78F1014	V1.02	78K0R UPD78F1014, UPD78F1030, UPD78F1012, UPD78F1028, UPD78F1029, UPD78F1008, UPD78F1009, UPD78F1004, UPD78F1027, UPD78F1002, UPD78F1006, UPD78F1000, UPD78F1003, UPD78F1007, UPD78F1010, UPD78F1001, UPD78F1005, UPD78F1011, UPD78F1013	For MINICUBE2 (NOTE)
PRM78F1018	V1.00	78K0R UPD78F1016, UPD78F1018, UPD78F1017	For MINICUBE2 (NOTE)
PRM78F1026	V1.00	78K0R UPD78F1024, UPD78F1023, UPD78F1025, UPD78F1022, UPD78F1026	For MINICUBE2 (NOTE)
PRM78F1050	V1.00	78K0R UPD78F1034, UPD78F1042, UPD78F1031, UPD78F1037, UPD78F1045, UPD78F1041, UPD78F1043, UPD78F1049, UPD78F1050, UPD78F1036, UPD78F1038, UPD78F1039, UPD78F1040, UPD78F1046, UPD78F1032, UPD78F1035, UPD78F1047, UPD78F1048, UPD78F1033, UPD78F1044	For MINICUBE2 (NOTE)
PRM78F1188	V1.01	78K0R UPD78F1144, UPD78F1145A, UPD78F1152, UPD78F1165A, UPD78F1166A, UPD78F1167A, UPD78F1186A, UPD78F1146A, UPD78F1152A, UPD78F1165, UPD78F1178, UPD78F1153, UPD78F1153A, UPD78F1166, UPD78F1175, UPD78F1176A, UPD78F1142, UPD78F1143A, UPD78F1164, UPD78F1164A, UPD78F1176, UPD78F1144A, UPD78F1156, UPD78F1156A, UPD78F1163A, UPD78F1168A, UPD78F1154A, UPD78F1162, UPD78F1162A, UPD78F1175A, UPD78F1177A, UPD78F1184A, UPD78F1185A, UPD78F1188A, UPD78F1142A, UPD78F1154, UPD78F1163, UPD78F1178A, UPD78F1143, UPD78F1145, UPD78F1146, UPD78F1155, UPD78F1155A, UPD78F1167, UPD78F1168, UPD78F1174, UPD78F1174A, UPD78F1177, UPD78F1187A	For PG-FP4/MINICUBE2 (NOTE)
PRM78F1235	V1.00	78K0R UPD78F1214, UPD78F1201, UPD78F1203, UPD78F1215, UPD78F1224, UPD78F1234, UPD78F1213, UPD78F1235, UPD78F1225, UPD78F1233, UPD78F1211, UPD78F1223	For MINICUBE2 (NOTE)
PRM78F1508	V1.02	78K0R UPD78F1506A, UPD78F1518A, UPD78F1508, UPD78F1513A, UPD78F1500A, UPD78F1506, UPD78F1507A, UPD78F1510A, UPD78F1501, UPD78F1501A, UPD78F1502, UPD78F1503, UPD78F1504, UPD78F1503A, UPD78F1512A, UPD78F1502A, UPD78F1508A, UPD78F1515A, UPD78F1516A, UPD78F1504A, UPD78F1500, UPD78F1505, UPD78F1505A, UPD78F1507	For MINICUBE2 (NOTE)

Parameter Files and Supported MCUs

Parameter File Name	Version	Supported MCUs		Programmers
PRM78F1845	V1.01	78K0R	UPD78F1806, UPD78F1823, UPD78F1827, UPD78F1832, UPD78F1838, UPD78F1814, UPD78F1816, UPD78F1817, UPD78F1828, UPD78F1810, UPD78F1811, UPD78F1812, UPD78F1821, UPD78F1830, UPD78F1831, UPD78F1834, UPD78F1844, UPD78F1805, UPD78F1829, UPD78F1837, UPD78F1807, UPD78F1808, UPD78F1809, UPD78F1813, UPD78F1822, UPD78F1839, UPD78F1843, UPD78F1836, UPD78F1840, UPD78F1818, UPD78F1819, UPD78F1824, UPD78F1825, UPD78F1826, UPD78F1835, UPD78F1845, UPD78F1804, UPD78F1815, UPD78F1820, UPD78F1833, UPD78F1841, UPD78F1842	For MINICUBE2 (NOTE)
PRM78F1849	V1.01	78K0R	UPD78F1846A, UPD78F1847A, UPD78F1849, UPD78F1849A, UPD78F1846, UPD78F1847, UPD78F1848, UPD78F1848A	For MINICUBE2 (NOTE)
PRM78F4046	V1.04	78K4	UPD78F4046	For PG-FP4Device version:Except ES2.3
PRM78F4216	V1.03	78K4	UPD78F4216, UPD78F4216Y	For PG-FP4
PRM78F4216A	V1.04	78K4	UPD78F4216AY, UPD78F4216A	For PG-FP4Device version:Except ES1.x,ES2.x,K,E,P-Rank
PRM78F4218A	V1.05	78K4	UPD78F4218A, UPD78F4218AY	For PG-FP4
PRM78F4225Y	V1.04	78K4	UPD78F4225Y, UPD78F4225	For PG-FP4Device version:Except ES1.x,2.x,K-Rank
PRM78F4928	V1.00	78K4	UPD78F4928	For PG-FP4Device version:Except DS
PRM78F4938A	V1.03	78K4	UPD78F4938A	For PG-FP4
PRM78F4956A	V1.00	78K4	UPD78F4956A	For PG-FP4
PRM78F4967	V1.03	78K4	UPD78F4967	For PG-FP4Device version:Except ES1.x
PRM78F4976A	V1.03	78K4	UPD78F4976A	For PG-FP4
PRM78F4938A_1200	V1.03	78K4	UPD78F4938A	For PG-FP4CPU clock:More than 12MHz
PRM78F8002	V1.01	78K0	UPD78F8002, UPD78F8002A	For PG-FP4
PRM78F8006	V1.00	78K0	UPD78F8006	For PG-FP4