



R5 F 1 0F M E A FB #V0

Renesas MCU ROM Type F: Flash RL78 Series

Product Group

00	G13	Data Flash
01	G13	No Data Flash
02	G12	Data Flash
03	G12	No Data Flash
04	G14	Data Flash
07	I1A	Data Flash
09	F12	Data Flash
0E	G1A	Data Flash
0F	G1E	Data Flash
0R	L12	Data Flash

Pin Count

6	20
7	24
8	25
A	30
B	32
C	36
D	38
E	40
F	44
G	48
J	52
L	64
M	80
P	100
S	128

ROM Size(KB)

6	2
7	4
8	8
9	12
A	16
C	32
D	48
E	64
F	96
G	128
H	192
J	256
K	384
L	512

Packaging, Material (Pb-free)

#V0	Tray/Tube	Sn (Tin) only
#U0	Tray	SnCu and others
#X0	T&R	Sn (Tin) only
#W0	T&R	SnCu and others

Package, Pin pitch

SP	SSOP 0.65 mm	FP	LQFP 0.8 mm
NA	HWQFN 0.5 mm	FB	LFQFP 0.5 mm
LA	WFLGA 0.5 mm	FA	LQFP 0.65 mm
BG	VFBGA 0.4 mm		

Temperature & Applications

A	-40°C to 85°C	Consumer
D	-40°C to 85°C	Industrial
J	-40°C to 85°C	Automotive
K	-40°C to 125°C	Automotive

RL78 Family

Smart Analog MCU Series

Example shown here:
RL78/G1E (80-pin), Part number R5F10FMEAFB#V0

RAA730500DFP#AC0

Renesas Semiconductor Product
 Mixed Signal IC
 Device
 Analog ASIC
 ASSP Product

Smart Analog IC Series

0500	SAIC500	Reconfigurable type
0501	SAIC501	Instrumentation Amp type
0502	SAIC502	High speed instrumentation Amp type
0300	SAIC300	Reconfigurable type/Low voltage
0301	SAIC301	Instrumentation Amp type/Low voltage
01013	SAIC101	PGA+16-bit $\Delta\Sigma$ A/D converter (Ta=-40~105°C)
01014	SAIC101	PGA+16-bit $\Delta\Sigma$ A/D converter (Ta=-40~125°C)

Classification

C	Industrial applications
D	Consumer applications

Packaging, Material (Pb-free)

#AC0	Tray	Sn (Tin) only
#HC0	T&R	Sn (Tin) only

Package, pin count

FP	LQFP	48
BG	TFBGA	36

Example shown here:

Smart Analog IC 500 (48-pin), Part number RAA730500DFP#AC0

Smart Analog IC Series