

# RENESAS TECHNICAL UPDATE

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Japan  
Renesas Electronics Corporation

Product Category	MPU/MCU	Document No.	TN-R8C-A054A/E	Rev.	1.00
Title	Precaution of MCU start up	Information Category	Technical Notification		
Applicable Product	Described below	Lot No.	Reference Document		
		-			

Precaution about POR (Power On Reset) is added to the following products in the User's Manual.

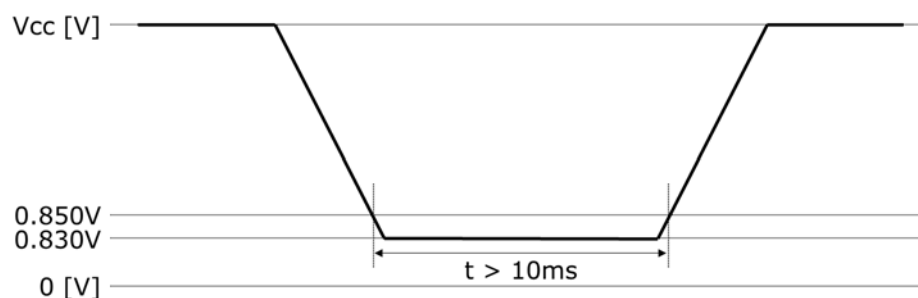
## 1. Applied Product

R8C/32A Group, R8C/33A Group, R8C/35A Group, R8C/36A Group, R8C/38A Group,  
R8C/3GA Group, R8C/3JA Group,  
R8C/32C Group, R8C/33C Group, R8C/34C Group, R8C/35C Group, R8C/36C Group,  
R8C/38C Group, R8C/3GC Group, R8C/3JC Group,  
R8C/32M Group, R8C/33M Group, R8C/34M Group, R8C/35M Group, R8C/36M Group,  
R8C/38M Group, R8C/3GM Group, R8C/3JM Group,  
R8C/32D Group, R8C/33D Group, R8C/35D Group, R8C/3GD Group,  
R8C/33T Group, R8C/3JT Group,  
R8C/34U Group, R8C/34K Group, R8C/3MU Group, R8C/3MK Group, R8C/3MQ Group,  
R8C/L35C Group, R8C/L36C Group, R8C/L38C Group, R8C/L3AC Group,  
R8C/L35M Group, R8C/L36M Group, R8C/L38M Group, R8C/L3AM Group

## 2. Condition of POR function

In case VCC voltage raises soon after MCU power-supply drops down to 0.83V~0.85V and keeps that range longer than 10ms, there is a possibility that MCU may not start up.

Since this issue does not happen on all devices in the concerned lots, customer can use the device which the error has not happened on board without any concerns.



3. Countermeasure

The hardware was revised.

Revised products become unrelated to this precaution. In addition, there is no change of electrical specifications from the non-revised version except becoming unrelated to this precaution.

Shipment start time and Lot number of revised products are different for each product.

Please contact our sales department with regard to the shipment of revised product.

Lot number on the package shows revised products.

First 3 or 4 digits depending on the package(please refer to chapter 4) indicate year and week.

In case year & week code of the products is later than the year & week shown in the chart below, they are the revised products.

Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
32A Group	R5F21321ANSP	-	planning Jun, 2015	20P2F	Refer to 4.1
	R5F21322ANSP	D0D	Week 3 of 2013		
	R5F21324ANSP	D2F	Week 25 of 2013		
	R5F21322ANXXXSP	E1H	Week 17 of 2014		
	R5F21324ANXXXSP	D1K	Week 9 of 2013		
33A Group	R5F21331ANFP	-	planning Jun, 2015	32P6U	Refer to 4.1
	R5F21334ANFP	-	planning Jun, 2015		
	R5F21335ANFP	E5C	Week 52 of 2014		
	R5F21336ANFP	-	planning Jun, 2015		
	R5F21334ANXXXFP	-	planning Jun, 2015		
	R5F21335ANXXXFP	C4H	Week 47 of 2012		
35A Group	R5F21354ANFP	236	Week 36 of 2012	52P6A	Refer to 4.4
	R5F21355ANFP	436	Week 36 of 2014		
	R5F21356ADFP	233	Week 33 of 2012		
	R5F21356ANFP	236	Week 36 of 2012		
	R5F21357ANFP	319	Week 19 of 2013		
	R5F21358ANFP	437	Week 37 of 2014		
	R5F2135AANFP	-	planning Jun, 2015		
	R5F2135CANFP	250	Week 50 of 2012		
	R5F21354ANXXXFP	236	Week 36 of 2012		
	R5F21356ANXXXFP	236	Week 36 of 2012		
	R5F2135CANXXXFP	247	Week 47 of 2012		
36A Group	R5F21367ANFA	-	planning Jun, 2015	64P6U	Refer to 4.4
	R5F21368ANFA	319	Week 19 of 2013		
	R5F2136AANFA	-	planning Jun, 2015		
	R5F2136CANFA	-	planning Jun, 2015		
	R5F21368ANXXXFA	325	Week 25 of 2013	64P6Q	Refer to 4.4
	R5F21366ANFP	-	planning Jun, 2015		
	R5F2136AANFP	-	planning Jun, 2015		
	R5F2136CANFP	450	Week 50 of 2014		
R5F2136CANXXXFP	308	Week 8 of 2013			
38A Group	R5F21388ANFP	-	planning Jun, 2015	80P6Q	Refer to 4.4
	R5F2138CANFP	-	planning Jun, 2015		
	R5F21388ANXXXFP	330	Week 30 of 2013	81F0E	Refer to 4.4
	R5F21386ANLG	-	planning Jun, 2015		
3GA Group	R5F213G4ANSP	-	planning Jun, 2015	24P2F	Refer to 4.1
	R5F213G4ANXXXSP	321	Week 21 of 2013		
	R5F213G4ANNP	318	Week 18 of 2013	24PJS	Refer to 4.1
	R5F213G5ANNP	-	planning Jun, 2015		
	R5F213G6ANNP	-	planning Jun, 2015		
	R5F213G4ANXXXNP	-	planning Jun, 2015		
	R5F213G5ANXXXNP	233	Week 33 of 2012		
R5F213G6ANXXXNP	-	planning Jun, 2015			

Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
3JA Group	R5F213J2ANNP	-	planning Jun, 2015	36PJW	Refer to 4.1
	R5F213J6ANNP	303	Week 3 of 2012		
	R5F213J6ANXXXNP	-	planning Jun, 2015		
32C Group	R5F21321CDSP	C0C	Week 2 of 2012	20P2F	Refer to 4.1
	R5F21321CNSP	C4J	Week 48 of 2012		
	R5F21322CDSP	C2H	Week 27 of 2012		
	R5F21322CNSP	C3F	Week 35 of 2012		
	R5F21324CDSP	C3J	Week 38 of 2012		
	R5F21324CNSP	C1A	Week 10 of 2012		
	R5F21324CYSP	-	planning Jun, 2015		
	R5F21321CNXXXSP	-	From the first shipment		
	R5F21322CNXXXSP	C3F	Week 35 of 2012		
33C Group	R5F21331CDFP	-	planning Jun, 2015	32P6U	Refer to 4.1
	R5F21331CNFP	C2E	Week 24 of 2012		
	R5F21332CDFP	-	planning Jun, 2015		
	R5F21332CNFP	C4C	Week 42 of 2012		
	R5F21334CDFP	E4K	Week 49 of 2014		
	R5F21334CNFP	C2G	Week 26 of 2012		
	R5F21334CYFP	-	planning Jun, 2015		
	R5F21335CDFP	-	planning Jun, 2015		
	R5F21335CNFP	C2G	Week 26 of 2012		
	R5F21335CYFP	-	planning Jun, 2015		
	R5F21336CDFP	C4H	Week 47 of 2012		
	R5F21336CNFP	C2E	Week 24 of 2012		
	R5F21336CYFP	F0B	Week 1 of 2015		
	R5F21334CDXXXFP	-	From the first shipment		
	R5F21334CNXXXFP	E5A	Week 50 of 2014		
	R5F21335CNXXXFP	E4J	Week 48 of 2014		
	R5F21335CYXXXFP	-	From the first shipment		
R5F21336CNXXXFP	-	From the first shipment			
34C Group	R5F21344CDFP	C3E	Week 34 of 2012	48P6Q	Refer to 4.1
	R5F21344CNFP	C1B	Week 11 of 2012		
	R5F21345CDFP	D1B	Week 11 of 2013		
	R5F21345CNFP	C0H	Week 7 of 2012		
	R5F21346CDFP	C3E	Week 34 of 2012		
	R5F21346CNFP	C2C	Week 22 of 2012		
	R5F21344CNXXXFP	C1B	Week 11 of 2012		
R5F21346CNXXXFP	-	planning Jun, 2015			
35C Group	R5F21354CDFP	307	Week 7 of 2013	52P6A	Refer to 4.4
	R5F21354CNFP	215	Week 15 of 2012		
	R5F21355CDFP	239	Week 39 of 2012		
	R5F21355CNFP	206	Week 6 of 2012		
	R5F21356CDFP	222	Week 22 of 2012		
	R5F21356CNFP	226	Week 26 of 2012		
	R5F21356CYFP	206	Week 6 of 2012		
	R5F21357CDFP	247	Week 47 of 2012		
	R5F21357CNFP	223	Week 23 of 2012		
	R5F21357CYFP	220	Week 20 of 2012		
	R5F21358CDFP	315	Week 15 of 2013		
	R5F21358CNFP	151	Week 51 of 2011		
	R5F21358CYFP	-	From the first shipment		
	R5F2135ACDFP	308	Week 8 of 2013		
	R5F2135ACNFP	235	Week 35 of 2012		
	R5F2135CCDFP	315	Week 15 of 2013		
	R5F2135CCNFP	230	Week 30 of 2012		
	R5F2135CCYFP	-	planning Jun, 2015		
	R5F21355CNXXXFP	-	From the first shipment		
	R5F21356CNXXXFP	449	2014 年 49 週		
	R5F21357CNXXXFP	215	2012 年 15 週		
R5F21357CYXXXFP	-	From the first shipment			
R5F2135CCNXXXFP	-	From the first shipment			
R5F2C35ACNXXXFP	309	Week 9 of 2013			

Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
36C Group	R5F21364CDFA	209	Week 9 of 2012	64P6U	Refer to 4.4
	R5F21365CNFA	-	planning Jun, 2015		
	R5F21366CNFA	244	Week 44 of 2012		
	R5F21367CDFA	205	Week 5 of 2012		
	R5F21367CNFA	203	Week 3 of 2012		
	R5F21368CDFA	237	Week 37 of 2012		
	R5F21368CNFA	347	Week 47 of 2013		
	R5F2136ACDFA	320	Week 20 of 2013		
	R5F2136ACNFA	321	Week 21 of 2013		
	R5F2136CCDFA	238	Week 38 of 2012		
	R5F2136CCNFA	216	Week 16 of 2012		
	R5F2136CCYFA	-	From the first shipment		
	R5F21366CNXXXFA	-	From the first shipment		
	R5F21367CNXXXFA	206	Week 6 of 2012		
	R5F21364CDFP	345	Week 45 of 2013		
	R5F21364CNFP	223	Week 23 of 2012		
	R5F21365CNFP	307	Week 7 of 2013		
	R5F21366CDFP	207	Week 7 of 2012		
	R5F21366CNFP	228	Week 28 of 2012		
	R5F21367CDFP	247	Week 47 of 2012		
	R5F21367CNFP	223	Week 23 of 2012		
	R5F21368CDFP	247	Week 47 of 2012		
	R5F21368CNFP	151	Week 51 of 2011		
	R5F2136ACDFP	247	Week 47 of 2012		
	R5F2136ACNFP	238	Week 38 of 2012		
	R5F2136CCDFP	325	Week 25 of 2013		
	R5F2136CCNFP	231	Week 31 of 2012		
	R5F21364CDXXXFP	207	Week 7 of 2012		
	R5F21366CNXXXFP	228	Week 28 of 2012		
	R5F21367CNXXXFP	223	Week 23 of 2012		
R5F21368CNXXXFP	-	From the first shipment			
R5F21367CNFB	-	From the first shipment			
R5F2136CCNFB	1218	Week 18 of 2012	FP64K	Refer to 4.2	
38C Group	R5F21386CDFP	217	Week 17 of 2012	80P6Q	Refer to 4.4
	R5F21386CNFP	248	Week 48 of 2012		
	R5F21387CDFP	216	Week 16 of 2012		
	R5F21387CNFP	230	Week 31 of 2012		
	R5F21388CDFP	219	Week 19 of 2012		
	R5F21388CNFP	218	Week 18 of 2012		
	R5F21388CYFP	-	planning Jun, 2015		
	R5F2138ACDFP	-	planning Jun, 2015		
	R5F2138ACNFP	310	Week 10 of 2013		
	R5F2138CCDFP	330	Week 30 of 2013		
	R5F2138CCNFP	216	Week 16 of 2012		
	R5F21386CNXXXFP	-	From the first shipment		
	R5F21388CNXXXFP	228	Week 28 of 2012		
	R5F2138CCNXXXFP	-	From the first shipment		
	3GC Group	R5F213G1CDSP	-		
R5F213G1CNSP		325	Week 25 of 2013		
R5F213G2CDSP		-	From the first shipment		
R5F213G2CNSP		314	Week 14 of 2013		
R5F213G4CNSP		207	Week 7 of 2012		
R5F213G5CNSP		-	planning Jun, 2015		
R5F213G6CDSP		432	Week 32 of 2014		
R5F213G6CNSP		329	Week 29 of 2013		
R5F213G4CNXXXSP		-	From the first shipment		
R5F213G2C2NNP		242	Week 14 of 2013	24PJS	Refer to 4.1
R5F213G4C2NNP		247	Week 47 of 2012		
R5F213G5C2NNP		203	Week 3 of 2012		
R5F213G6C2NNP		214	Week 14 of 2012		
R5F213G2CNXXXNP		318	Week 18 of 2013		
R5F213G6CNXXXNP		-	From the first shipment		

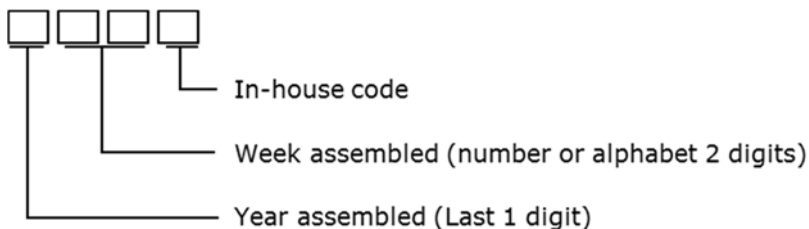
Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
3JC Group	R5F213J2CNNP	303	Week 3 of 2013	36PJW	Refer to 4.1
	R5F213J4CNNP	313	Week 13 of 2013		
	R5F213J5CNNP	-	planning Jun, 2015		
	R5F213J6CNNP	150	Week 50 of 2011		
	R5F213J6CNXXXNP	151	Week 51 of 2011		
32D Group	R5F21321DDSP	E4H	Week 47 of 2014	20P2F	Refer to 4.1
	R5F21321DNSP	D0H	Week 7 of 2013		
	R5F21322DDSP	-	planning Jun, 2015		
	R5F21322DNSP	D0E	Week 4 of 2013		
	R5F21324DDSP	E0B	Week 1 of 2014		
	R5F21324DNSP	D0G	Week 6 of 2013		
	R5F21321DNXXXSP	D0J	Week 8 of 2013		
	R5F21322DNXXXSP	E0K	Week 9 of 2014		
R5F21324DNXXXSP	D0K	Week 9 of 2013			
33D Group	R5F21331DDFP	-	planning Jun, 2015	32P6U	Refer to 4.1
	R5F21331DNFP	-	planning Jun, 2015		
	R5F21332DDFP	-	planning Jun, 2015		
	R5F21332DNFP	-	planning Jun, 2015		
	R5F21334DDFP	-	planning Jun, 2015		
	R5F21334DNFP	E4J	Week 48 of 2014		
	R5F21335DNFP	E4J	Week 48 of 2014		
	R5F21336DDFP	E5A	Week 50 of 2014		
	R5F21336DNFP	E4J	Week 48 of 2014		
	R5F21332DDXXXFP	E5A	Week 50 of 2014		
	R5F21334DNXXXFP	E5C	Week 52 of 2014		
R5F21335DNXXXFP	-	From the first shipment			
35D Group	R5F21354DNFP	309	Week 9 of 2013	52P6A	Refer to 4.4
	R5F21355DNFP	303	Week 3 of 2012		
	R5F21356DDFP	-	planning Jun, 2015		
	R5F21356DNFP	325	Week 25 of 2013		
	R5F21354DNXXXFP	313	Week 13 of 2013		
3GD Group	R5F213G1DNSP	306	Week 6 of 2013	24P2F	Refer to 4.4
	R5F213G2DNSP	-	planning Jun, 2015		
	R5F213G4DNSP	419	Week 19 of 2014		
	R5F213G5DNSP	-	planning Jun, 2015		
	R5F213G6DDSP	-	planning Jun, 2015		
	R5F213G6DNSP	319	Week 19 of 2013		
	R5F213G1DNXXXSP	308	Week 8 of 2013		
R5F213G4DNXXXSP	-	planning Jun, 2015			
32M Group	R5F21321MNSP	D5B	Week 51 of 2013	20P2F	Refer to 4.1
	R5F21322MNSP	E2F	Week 25 of 2014		
	R5F21324MDSP	-	planning Jun, 2015		
	R5F21324MNSP	C4C	Week 42 of 2012		
	R5F21324MYSP	C4H	Week 47 of 2012		
	R5F21324MNXXXSP	C4E	Week 44 of 2012		
33M Group	R5F21334MNFP	-	planning Jun, 2015	32P6U	Refer to 4.1
	R5F21334MYFP	-	planning Jun, 2015		
	R5F21336MDFP	E5B	Week 51 of 2014		
	R5F21336MNFP	D4A	Week 40 of 2013		
	R5F21336MYFP	D4C	Week 42 of 2013		
	R5F21334MNXXXFP	-	From the first shipment		
	R5F21336MNXXXFP	E4K	Week 49 of 2014		
34M Group	R5F21344MDFP	-	planning Jun, 2015	48P6Q	Refer to 4.1
	R5F21345MNFP	-	From the first shipment		
	R5F21346MDFP	-	planning Jun, 2015		
	R5F21346MNFP	D0K	Week 9 of 2013		
	R5F21345MNXXXFP	D3G	Week 36 of 2013		

Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
35M Group	R5F21354MNFP	-	planning Jun, 2015	52P6A	Refer to 4.4
	R5F21355MNFP	-	planning Jun, 2015		
	R5F21356MDFP	-	planning Jun, 2015		
	R5F21356MNFP	315	Week 15 of 2013		
	R5F21357MDFP	-	planning Jun, 2015		
	R5F21357MNFP	252	Week 52 of 2012		
	R5F21358MDFP	-	planning Jun, 2015		
	R5F21358MNFP	310	Week 10 of 2013		
	R5F21358MYFP	301	Week 1 of 2013		
	R5F2135AMNFP	245	Week 45 of 2012		
	R5F2135CMDFP	-	planning Jun, 2015		
	R5F2135CMNFP	243	Week 43 of 2012		
	R5F21354MNXXXFP	236	Week 36 of 2012		
R5F21355MNXXXFP	236	Week 36 of 2012			
36M Group	R5F21368MYFA	308	Week 8 of 2013	64P6U	Refer to 4.4
	R5F2136AMYFA	-	From the first shipment		
	R5F2136CMNFA	-	From the first shipment		
	R5F2136CMYFA	-	From the first shipment	64P6Q	Refer to 4.4
	R5F2136AMNFP	322	Week 222 of 2013		
R5F2136CMNFP	249	Week 49 of 2012			
38M Group	R5F21386MNFP	-	planning Jun, 2015	80P6Q	Refer to 4.4
	R5F21388MNFP	-	planning Jun, 2015		
	R5F2138AMNFP	-	From the first shipment		
	R5F2138CMDFP	-	planning Jun, 2015		
3GM Group	R5F2138CMNFP	303	Week 3 of 2012	24P2F	Refer to 4.4
	R5F2C3G4MNSP	243	Week 43 of 2012		
	R5F2C3G6MNSP	243	Week 43 of 2012	24PJS	Refer to 4.1
	R5F213G4MNNP	442	Week 42 of 2014		
R5F213G6MNNP	422	Week 22 of 2014			
3JM Group	R5F213J4MNNP	-	planning Jun, 2015	36PJW	Refer to 4.1
	R5F213J6MNNP	313	Week 13 of 2013		
33T Group	R5F21334TDFP	F0C	Week 2 of 2015	32P6U	Refer to 4.1
	R5F21334TNFP	E4J	Week 48 of 2014		
	R5F21335TNFP	-	From the first shipment		
	R5F21336TDFP	-	planning Jun, 2015		
	R5F21336TNFP	E5A	Week 50 of 2014		
	R5F21336TYFP	-	planning Jun, 2015		
	R5F21334TNXXXFP	-	From the first shipment		
R5F21336TNXXXFP	-	From the first shipment			
3JT Group	R5F213J6TNNP	3E3	Week 3 of 2013	PXQN0040LA	Refer to 4.3
34U Group	R5F21346UDFP	E3D	Week 33 of 2014	48P6Q	Refer to 4.1
	R5F21346UNFP	-	planning Jun, 2015		
	R5F21348UDFP	F0D	Week 3 of 2015		
	R5F21348UNFP	E1K	Week 19 of 2014		
34K Group	R5F21348KDFP	E3D	Week 33 of 2014	40PJS	Refer to 4.1
	R5F21348KNFP	-	planning Jun, 2015		
	R5F2134CKDFP	-	planning Jun, 2015		
R5F2134CKNFP	-	planning Jun, 2015			
3MU Group	R5F213M6UNNP	411	Week 11 of 2014	40PJS	Refer to 4.1
	R5F213M8UNNP	410	Week 10 of 2014		
	R5F213M6UNXXXNP	410	Week 10 of 2014		
3MK Group	R5F213M8KNNP	410	Week 10 of 2014	40PJS	Refer to 4.1
	R5F213MCKNNP	440	Week 40 of 2014		
3MQ Group	R5F213M6QNNP	-	planning Jun, 2015	40PJS	Refer to 4.1
	R5F213M8QNNP	-	planning Jun, 2015		
	R5F213MAQNNP	346	Week 46 of 2013		
	R5F213MCQNNP	348	Week 48 of 2013		
L35C Group	R5F2L357CDFP	240	Week 40 of 2012	52P6A	Refer to 4.4
	R5F2L357CNFP	235	Week 35 of 2012		
	R5F2L358CDFP	452	Week 52 of 2014		
	R5F2L35ACDFP	-	planning Jun, 2015		
	R5F2L35CCDFP	452	Week 52 of 2014		
	R5F2L35CCNFP	-	planning Jun, 2015		
R5F2L357CDXXXFP	241	Week 41 of 2012			

Group name	Product name	year and week code of Lot number	shipment start time	Package Code	View of year and week code
L36C Group	R5F2L367CDFA	-	planning Jun, 2015	64P6U	Refer to 4.4
	R5F2L367CNFA	238	Week 38 of 2012		
	R5F2L368CDFA	-	planning Jun, 2015		
	R5F2L368CNFA	238	Week 38 of 2012		
	R5F2L36ACNFA	231	Week 31 of 2012		
	R5F2L36CCNFA	316	Week 16 of 2013		
	R5F2L368CNXXXFA	305	Week 5 of 2013	64P6Q	Refer to 4.4
	R5F2L367CDFP	-	planning Jun, 2015		
	R5F2L367CNFP	329	Week 29 of 2013		
	R5F2L368CDFP	250	Week 50 of 2012		
	R5F2L368CNFP	449	Week 49 of 2014		
	R5F2L36ACNFP	-	planning Jun, 2015		
	R5F2L36CCDFP	-	planning Jun, 2015		
	R5F2L36CCNFP	239	Week 39 of 2012		
R5R0C088AFP	242	Week 42 of 2012	80P6Q	Refer to 4.4	
R5F2L387CDFP	-	planning Jun, 2015			
R5F2L387CNFP	234	Week 34 of 2012			
R5F2L388CDFP	503	Week 3 of 2015			
R5F2L388CNFP	244	Week 44 of 2012			
R5F2L38ACDFP	241	Week 41 of 2012			
R5F2L38ACNFP	241	Week 41 of 2012			
R5F2L38CCDFP	246	Week 46 of 2012			
R5F2L38CCNFP	239	Week 39 of 2012			
R5F2CA02CDFP	246	Week 46 of 2012			
R5R0C07AAFP	242	Week 42 of 2012			
R5F2L387CNXXXFP	243	Week 43 of 2012			
R5F2L38ACNXXXFP	-	planning Jun, 2015			
R5F2L387CNFA	-	planning Jun, 2015			FP80W
R5F2L388CNFA	1244	Week 44 of 2012			
R5F2L38ACNFA	1244	Week 44 of 2012			
R5F2L38CCNFA	1438	Week 38 of 2014			
R5F2L38ACNXXXFA	-	Week 38 of 2014			
L3AC Group	R5F2L3A7CDFP	404	Week 4 of 2014	100P6Q	Refer to 4.4
	R5F2L3A7CNFP	350	Week 50 of 2013		
	R5F2L3A8CDFP	241	Week 41 of 2012		
	R5F2L3A8CNFP	241	Week 41 of 2012		
	R5F2L3AACDFP	-	planning Jun, 2015		
	R5F2L3AACNFP	239	Week 39 of 2012		
	R5F2L3ACCDFP	310	Week 10 of 2013		
	R5F2L3ACCNFP	241	Week 41 of 2012		
	R5F2L3A7CNXXXFP	409	Week 9 of 2014		
	R5F2L3ACCNXXXFP	327	Week 27 of 2013		
	R5F2L3A7CNFA	231	Week 31 of 2012	100P6F	Refer to 4.4
	R5F2L3A8CNFA	420	Week 20 of 2014		
	R5F2L3ACCDFA	-	From the first shipment		
	R5F2L3ACCNFA	247	Week 47 of 2012		
R5F2L3A7CNXXXFA	249	Week 49 of 2012	52P6A	Refer to 4.4	
R5F2L357MDFP	-	planning Jun, 2015			
R5F2L357MNFP	304	Week 4 of 2013			
R5F2L358MNFP	-	From the first shipment			
R5F2L35CMDFP	307	Week 7 of 2013			
R5F2L35CMNFP	252	Week 52 of 2012	64P6U	Refer to 4.4	
R5F2L368MNFP	304	Week 4 of 2013			
R5F2L36CMDFP	309	Week 9 of 2013			
R5F2L36CMNFP	248	Week 48 of 2012	80P6Q	Refer to 4.4	
R5F2L388MNFP	247	Week 47 of 2012			
R5F2L38AMNFP	437	Week 37 of 2014			
R5F2L38CMNFP	245	Week 45 of 2012			
R5F2L38AMNFA	1345	Week 45 of 2013	FP80W	Refer to 4.2	
R5F2L38CMNFA	-	planning Jun, 2015			
L3AM Group	R5F2L3AAMDFP	308	Week 8 of 2013	100P6Q	Refer to 4.4
	R5F2L3ACMDFP	315	Week 15 of 2013		
	R5F2L3ACMNFP	302	Week 2 of 2013		
	R5F2L3ACMNFA	-	planning Jun, 2015	100P6F	Refer to 4.4

4. View of Lot number

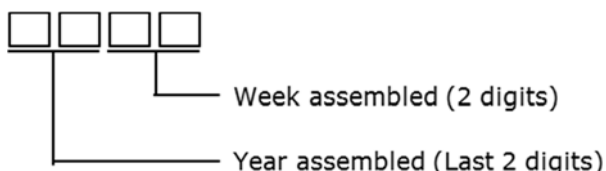
4.1. 20P2F(0.65mm pitch)、32P6U(0.8mm pitch)、48P6Q(0.5mm pitch)、36PJW(0.5mm pitch)、24PJS(0.5mm pitch)、40PJS(0.5mm pitch) products (4 digits)



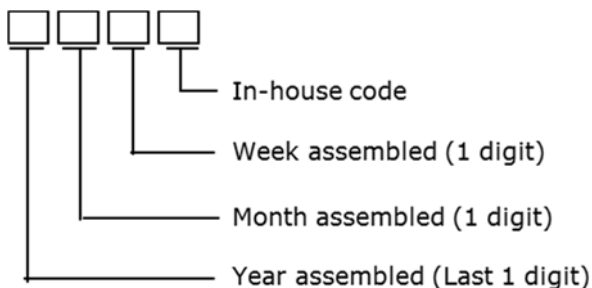
Week assembled code list

Number	0	1	2	3	4	5	6	7	8	9
Alphabet	A	B	C	D	E	F	G	H	J	K

4.2. FP64K(0.5mm pitch)、FP80W(0.65mm pitch) products (4 digits)



4.3. PXQN0040LA(0.4mm pitch) products (4 digits)



Month assembled

Jan.	Feb.	Mar.	Apl.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
A	B	C	D	E	F	G	H	J	K	L	M

4.4. 52P6A(0.65mm pitch)、64P6U(0.8mm pitch)、64P6Q(0.5mm pitch)、80P6Q(0.5mm pitch) products (8 digits)

100P6F(0.65mm pitch)、100P6Q(0.5mm pitch)、81F0E(0.5mm pitch) products (7 digits)

24P2F(0.65mm pitch) products (6 digits)

