



Date Created: 1/28/2004  
Date Issued: 2/5/2004  
PCN # 20040414

INFORMATION ONLY NOTIFICATION

PLCC super bright LED

This is to inform you that a minor change is being made to the following product(s). This notification is for your information only.

Updated process quality documentation, such as FMEAs and Control Plans, are available for viewing upon request.

If you have any questions concerning this change, please contact:

Name: Karuppiah, Jayaselan  
E-Mail: jayaselan@klmail.fairchildsemi.com  
Phone:

PCN Originator

Name: Yong, KL  
E-mail: klyong@klmail.fairchildsemi.com  
Phone: 603-78761211 ext183

REL Engineer

Name: Yap, WT  
E-mail: wtyap@klmail.fairchildsemi.com  
Phone: +(60)3 7876 1211 x143

PCN Type: Test Method

Effectivity

Expected 1st Device Shipment Date: 3/5/2004  
Earliest Year/Work Week of Changed Product: 0410  
(Note: Package marking may differ from this format)

Product ID (Description):

PLCC Super bright LED

Description of Change:

Change brightness bin to higher limit. Due to improvement of chip technology, chip supplier cannot produce lower grade chip anymore. Except brightness intensity, form, fit and function not affected.

P/N	CHIP	BIN BEFORE CHANGE	BIN AFTER CHANGED
QTLP670CRY_7749D	RED	N1/N2/P1/P2	Q1/Q2/R1/R2/S1/S2
	YELLOW	N1/N2/P1/P2	Q1/Q2/R1/R2/S1/S2
QTLP670CRG_7750D	RED	N1/N2/P1/P2/Q1/Q2	Q1/Q2/R1/R2/S1/S2
	GREEN	N1/N2/P1/P2/Q1/Q2	NO CHANGE
QTLP670CY_7751D	YELLOW	P1/P2/Q1/Q2/R1/R2	Q1/Q2/R1/R2/S1/S2
QTLP670CR_7753D	RED	N1/N2/P1/P2/Q1/Q2	Q1/Q2/R1/R2/S1/S2
QTLP670CG_7752D	YELLOWISH GREEN	N1/N2/P1/P2	P1/P2/Q1/Q2

BINNING LIMIT:

BIN	FROM	TO
N1	28.5	35.5
N2	35.5	45.0
P1	45.0	56.0
P2	56.0	71.5
Q1	71.5	90.0
Q2	90.0	112.5
R1	112.5	140.0
R2	140.0	180.0
S1	180.0	224.0
S2	224.0	285.0

Affected FSIDs  
QTLP670CG\_7752D  
QTLP670CR\_7753D

QTLP670CRG\_7750D  
QTLP670CY\_7751D

QTLP670CRY\_7749D