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| Product : CRT monitor | Bulletin No : 02-C/M-E0080 |
| Model : PN22N* (SM1200NF) | Bulletin Date : Aug.26,2002 |
| | ECN Date : Aug.21,2002 |

SUBJECT : 1200NF duplex operation when power button off & on.

Background : 1200NF model can have duplex operation when power button off & on. although very rare in user condition

- Power switch : Off & On (very rapidly)
- Display : Off => On => Off => On (duplex operation)

Root cause : Miss matching between Cg Control Board and Micom IC
(Generates abnormal pulse => cause Micom wrong operation)

Model name : PN22N* (SM1200NF)

Solution Change CS228 ceramic condensor as below specification.(Reduce abnormal pulse)
Samsung applied this countermeasure from Aug.20.2002

Application Date : Aug.20,2002

(Interchangeability Code : * I.C)

| Location No. | OLD (before) Parts | | NEW (changed) Parts | | * I.C | |
|------------------------------------|---|---|---|---|---------------------------|---------------------------|
| | SEC Code | Description | SEC Code | Description | | |
| CS228 | 2305-000665 | C- FILM,MPEF;100nF,5%,63V | 2305-000412 | C- FILM,MPEF;470nF,5%,63V | | |
| Type | A type | B type | C type | D type | E type | F type |
| Interchange Type Code (* I.C) | OLD → Early (Parts) NEW → Late (Prod.) | OLD → Early (Parts) NEW → Late (Prod.) | OLD → Early (Parts) NEW → Late (Prod.) | OLD → Early (Parts) NEW → Late (Prod.) | Parts Addition (None New) | Parts deletion (Old Del.) |
| Application | Reference () | | Only Defected sets () | | Whole sets () | |
| Attachment | Schematic Diagram () | | Component Lay-out () | | Exploded View () | |
| | Mechanical Diagram () | | None () | | Others () | |
| Product Month : ~ Aug. 2002 | Serial No. (~ from) | | | | | |
| Published by : C.J.Oh | Checked by : M.S.Park | | Approved by : K.S.Yeo | | | |

Schematic Diagram

